



*International Hydrological Programme (IHP)*

21st session of the Intergovernmental Council  
Paris, 18-20 June 2014

# FINAL REPORT

UNESCO, Paris 2014

(SC-2014/WS/12)

## TABLE OF CONTENTS

<b>OPENING OF THE SESSION .....</b>	<b>1</b>
Report of the outgoing Chairperson.....	1
Summary of the opening statement of the Director-General of UNESCO .....	1
<b>ELECTION OF THE INCOMING CHAIRPERSON.....</b>	<b>2</b>
<b>ELECTION OF THE VICE-CHAIRPERSONS AND COMMITTEE MEMBERS .....</b>	<b>2</b>
<b>ADOPTION OF THE AGENDA.....</b>	<b>3</b>
<b>DETERMINATION OF THE COUNCIL'S METHOD OF WORK .....</b>	<b>3</b>
<b>INSTITUTIONAL DEVELOPMENTS AT UNESCO.....</b>	<b>3</b>
Developments at the Natural Sciences Sector and the Division of Water Sciences following the 37th session of the General Conference and the 190th to the 194th sessions of the Executive Board, including the Medium-Term Strategy for 2014-2021 and the Programme and Budget for 2014-2015 (37 C/5):	
Issues, Challenges and Opportunities .....	3
IHP-related extrabudgetary activities .....	4
Report of the IHP Finance Committee .....	4
Report of the IHP Publication and Communication Committee .....	5
Celebration of the 40th anniversary of IHP in UNESCO .....	5
Status of IHP National Committees .....	5
<b>IMPLEMENTATION OF THE RESOLUTIONS AND DECISIONS ADOPTED AT THE 20th SESSION OF THE IHP INTERGOVERNMENTAL COUNCIL .....</b>	<b>6</b>
<b>IMPLEMENTATION OF THE EIGHTH PHASE OF IHP (IHP-VIII, 2014-2021) .....</b>	<b>6</b>
Report of the Working Group for supporting the Implementation of the Strategic Plan for IHP-VIII .....	6
Focus for 2014-2015 .....	7
<b>UNESCO'S WATER-RELATED INSTITUTE AND CENTRES (CATEGORY 1 AND CATEGORY 2).....</b>	<b>7</b>
Proposed water-related centres.....	7
Recent developments on category 2 water-related centres .....	9
UNESCO-IHE Institute for Water Education (category 1) .....	10
Nominations for office bearers in various boards of category 1 and category 2 centres.....	10
<b>REVIEW OF IHP-VII ACTIVITIES AND RELATED ACTIVITIES OF UNESCO .....</b>	<b>11</b>
Results of IHP-VII projects since the 20th session of the IHP Intergovernmental Council and major achievements .....	11
Evaluation of the Seventh Phase of IHP (IHP-VII, 2008-2013) .....	11
Cooperation with scientific programmes .....	12
<b>RELATIONS WITH UNITED NATIONS, INTERGOVERNMENTAL ORGANIZATIONS AND NON- GOVERNMENTAL ORGANIZATIONS.....</b>	<b>13</b>
Cooperation with United Nations system on freshwater issues.....	13

Cooperation with intergovernmental and non-governmental organizations.....	14
IHP contribution to the World Water Assessment Programme (WWAP) .....	15
IHP's role in the post-2015 Development Agenda .....	15
IHP's role in the World Water Day 2013 and the International Year of Water Cooperation 2013.....	15
IHP's role in the International Decade for Action – Water for Life (2005-2015) .....	16
IHP's role in UNFCCC COP20 and IPCC processes .....	16
IHP's role in the 7th World Water Forum .....	16
<b>OTHER MATTERS .....</b>	<b>16</b>
<b>ADOPTION OF THE REPORT .....</b>	<b>16</b>
<b>CLOSURE OF THE SESSION .....</b>	<b>17</b>

## ANNEXES

I	Agenda
II	List of participants
III	List of documents
IV	Adopted resolutions
V	Financial information
VI	List of acronyms and special terms used in this report

## OPENING OF THE SESSION

1. The twenty-first session of the Intergovernmental Council of the International Hydrological Programme (IHP) was held at UNESCO Headquarters in Paris from 18 to 20 June 2014. Delegates from the 36 Member States that are members of the IHP Intergovernmental Council attended the session. Fifty-five delegations from Member States that are not members of the IHP Council, four United Nations organizations, six intergovernmental and non-governmental organizations, and 10 category 2 water-related centres were represented as observers. The list of participants is attached as Annex II.

### Report of the outgoing Chairperson

2. Mr Johannes Cullmann, the outgoing Chairperson of the Intergovernmental Council of the International Hydrological Programme, opened the session and welcomed all participants, expressing his wish for fruitful deliberations. He thanked all Member States for their cooperation and contributions to IHP over the past two years, noting that IHP activities support countries by means of a cooperative approach. He highlighted that the Africa Drought Monitoring System and the Global Network on Water and Development Information for Arid Lands (G-WADI) are good examples of how IHP is helping communities to mitigate drought impacts, noting that drought is a major problem in Africa, a priority region for UNESCO. He commented that IHP has made significant contributions to the knowledge base and dissemination of scientific information, emphasizing the importance of the Urban Water Series, the Floods Series of the International Flood Initiative (IFI), and the inventory of shared aquifers. He highlighted that the International Initiative on Water Quality will impact the lives of many people since clean water is essential for well-being and constitutes a significant step towards sustainable development.

3. Mr Cullmann emphasized that IHP is a healthy, well-shaped programme and one of the most significant water programmes within the United Nations system. He stressed the importance of successfully implementing the Eighth Phase of IHP (IHP-VIII), noting that this depends not only on the IHP Secretariat, but also on the motivation and active contributions of Member States. He emphasized that IHP-VIII will be key in supporting Member States in the implementation of future sustainable development goals in the post-2015 agenda and translating the concept of water security into practice. In this context, he highlighted IHP's capacity to actively coordinate, develop and put into operation monitoring systems to support water-related Sustainable Development Goals, as well as the importance of sharing data on the quantity and quality of water resources for this purpose. He further noted with satisfaction the efforts carried out by UNESCO in educating and training water professionals through IHP, UNESCO-IHE and category 2 water-related centres. Mr Cullmann also expressed his view on modernizing the IHP governance, suggesting that the duration of the service of Bureau members be extended to ensure the efficiency of the Bureau's work. He also called for an analysis of the ways in which the IHP Council and Bureau work and a re-evaluation of the current structure of some sub-committees, such as the Resolutions Drafting Committee. He also shared his view that the linguistic distinction between category 1 and 2 of water centres could be abolished and the need to ensure that contributions by water centres to UNESCO activities are the most effective possible.

### Summary of the opening statement of the Director-General of UNESCO

4. Ms Wendy Watson-Wright, Assistant Director-General for Natural Sciences *ad interim*, welcomed the delegates on behalf of the Director-General of UNESCO. She thanked all countries for their support to IHP, noting that IHP is the only intergovernmental, science-based water programme of the United Nations system and a flagship programme of UNESCO, supporting Member States in meeting water challenges as an integral part of the Organization's tasks. She recognized the importance of water for sustainable development, peace and security for all nations and stressed that current water challenges are more pressing than ever. She highlighted that human use and pollution of freshwater resources have reached a level where, at a global scale, water scarcity will potentially limit food production, ecosystem services and economic

development, stressing that climate change is aggravating this situation. She emphasized that the answer to overcoming these challenges lies in international cooperation to improve knowledge and innovation, in a strengthened science-policy interface to reach water security at local, national, regional and global levels and in the development of institutional and human capacities. Ms Watson-Wright further noted that, while significant progress has been made towards achieving the Millennium Development Goals, further efforts are needed to tackle development challenges after 2015, with particular reference to water and sanitation. She addressed the efforts of IHP in shaping the post-2015 development agenda and formulating sustainable development goals, highlighting the proposal for a global stand-alone goal to “Ensure Water Security for Sustainable Development”. She underlined the transversal nature of water and water security as key elements to reach all other development goals and to cut across policy levels. Finally, she highlighted the challenges IHP faces in relation to the reform process of UNESCO and indicated that IHP needs to rely on the support of its networks, especially IHP National Committees, in order to enlarge its circle of donors and build upon successful collaborations with current partners, such as the Global Environment Facility. Ms Watson-Wright concluded that the IHP network has a strong potential to effectively contribute to ensuring water security for all.

## **ELECTION OF THE INCOMING CHAIRPERSON**

5. The Delegate of Brazil nominated Mr David Korenfeld Federman (Mexico), on behalf of Group III – Latin America and the Caribbean, as Chairperson of the Intergovernmental Council of IHP, in recognition of his extensive experience in water resources management in various national, regional and global organizations, as well as his various publications and the awards he has received. The nomination of Mr Korenfeld was seconded by the delegations of China, Côte d’Ivoire, Dominican Republic, Egypt, Germany, Greece, Haiti, Indonesia, Japan, Kenya, Kuwait, Madagascar, Mongolia, Namibia, The Netherlands, Pakistan, Poland, Republic of Korea, Russian Federation, Slovenia, Sudan, Sweden, Switzerland, Syrian Arab Republic, Turkey and Yemen. The Council elected Mr Korenfeld by acclamation as its Chairperson.

6. Mr Korenfeld, as the elected Chairperson, took the floor to accept his nomination and thanked the Council. He assured the Council that he will continue the important work of the outgoing Chairperson. He indicated that significant advances have been made in the water field over the last few years, but that important challenges remain, such as guaranteeing the human right to safe water and sanitation and addressing the impact of climate change on water resources. He noted that IHP will be a major reference point for the resolution of national and international water issues, by supporting the development of technical skills to solve water problems. He called for attention to a number of ongoing issues, such as the strengthening of the IHP Secretariat and the need to improve its funding base, as well as the need to strengthen South-South information exchange and to further foster international collaboration, both South-South and triangular, linking science and policy. He concluded by stating that water is at the core of the development agenda.

## **ELECTION OF THE VICE-CHAIRPERSONS AND COMMITTEE MEMBERS**

7. The Council elected the following Vice-Chairpersons: Mr Mitja Brilly (Slovenia, Group II – Eastern and Central Europe); Mr Ian White (Australia, Group IV – Asia and the Pacific), Mr Patrice Jourda (Côte d’Ivoire, Group Va – Africa) and Mr Mahmoud Abu-Zeid (Egypt, Group Vb – Arab States).

8. The Council noted that, in conformity with its Statutes, the IHP Bureau is composed of the elected Chairperson, the outgoing Chairperson, Mr Johannes Cullmann (Germany, Group I – Western Europe and North America) and four newly elected Vice-Chairpersons.

9. The Council elected the following members to the IHP Resolutions Drafting Committee: Ms Simla Özkaya (Turkey, Group I), Ms Jeanna Balonishnikova (Russian Federation, Group II),

Mr Alberto Guitrón de los Reyes (Mexico, Group III), Mr Iskandar Zulkarnian (Indonesia, Group IV), Mr Chrispine Omondi Juma (Kenya, Group Va) and Mr Munadhil Al-Mahdawi (Iraq, Group Vb). The nominations were supported by a large majority of the delegates. The Committee elected Ms Balonishnikova to serve as its Chairperson.

10. The Council elected the following three members to the IHP Finance Committee: Ms Olga Golerits (Russia, Group II), Ms Elsa Dominguez (Dominican Republic, Group III) and Ms Paulina Mufeti (Namibia, Group Va). The Council also noted the continued membership of Mr Stein van Oosteren (in replacement of Mr Michael van der Valk, The Netherlands, Group I), Mr Muhammad Al-Shatti (Kuwait, Group Vb) and Mr Kaoru Takara (Japan, Group IV). The Committee elected Mr Stein van Oosteren to serve as its Chairperson.

## **ADOPTION OF THE AGENDA**

11. The Council adopted the agenda for its twenty-first session, which is reproduced in Annex I of this report. The Delegate of Brazil proposed to correct the title of item 8.3 on the agenda to "Cooperation with scientific programmes". The documents made available for the session are listed in Annex III.

## **DETERMINATION OF THE COUNCIL'S METHOD OF WORK**

12. The Council took note of the Rules of Procedure of the IHP Intergovernmental Council and of the guidelines and admissibility requirements on the submission of Draft Resolutions as outlined in the "Admissibility criteria, guidelines and rules of procedure for the preparation and consideration of Draft Resolutions (DRs) at the Intergovernmental Council of IHP (revised version, 5 June 2009)", as recommended by the forty-third session of the IHP Bureau (IHP/Bur-XLIII/3, Annex IV).

13. The delegate of the Russian Federation requested, for all future sessions of the Council, the application and use of the working languages of the Council – English, French, Spanish, Russian – for all Council documents, in accordance with Chapter VII of the Rules of Procedure of the Council and item 1110 of the UNESCO Administrative Manual.

## **INSTITUTIONAL DEVELOPMENTS AT UNESCO**

### **Developments at the Natural Sciences Sector and the Division of Water Sciences following the 37th session of the General Conference and the 190th to the 194th sessions of the Executive Board, including the Medium-Term Strategy for 2014-2021 and the Programme and Budget for 2014-2015 (37 C/5): Issues, Challenges and Opportunities**

14. Council members took note of the information provided by the Secretariat regarding institutional developments and of the decisions of the 37th session of the General Conference of UNESCO and the 190th to the 194th sessions of the Executive Board having particular importance to IHP. Regarding the self-assessment questionnaire for the ongoing audit of the governance of the intergovernmental programmes of UNESCO, the delegates of the Germany, the Netherlands and Sweden recognized the unique opportunity this presents to address fundamental aspects of intergovernmental programmes. These delegates asked how IHP will proceed in this regard and proposed that Council members have the opportunity to provide inputs to the questionnaire or at least are informed about the responses that will be provided to the external auditors. The delegate of Germany expressed his intention to go beyond the questionnaire in the Bureau and to initiate the revision of procedures related, for instance, to the presentation of draft resolutions at the IHP Council. The Secretary of IHP replied that the questionnaire is to be completed by the IHP Chairperson in consultation with the IHP Bureau, which in turn can consult with its regions if it decides to do so. Based on these comments, the Chairperson requested the Secretariat to

circulate the questionnaire among Council members after the Council session, to compile inputs for the discussions of the Bureau on this item. Recalling 37 C/Resolution 21, the delegate of the Netherlands proposed that all IHP programmes and activities should be synchronized with the IHP programme phase. He further suggested that the Working Group for the implementation of IHP-VIII suggests the elaboration of a framework aimed at implementing roadmaps for programmatic activities, including recommendations for lead institutions, Chairs and centres which will be responsible for coordinating specific parts of IHP-VIII and present the proposed framework to the 22nd IHP Council session. The Council adopted Resolution XXI-8 in this regard. Questioned about the timeframe for the next meeting of the Working Group for the implementation of IHP-VIII, the Secretariat noted that it will depend on contributions from Member States, as according to its Terms of Reference, the Working Group cannot operate on regular budget resources.

### **IHP-related extrabudgetary activities**

15. Council members took note of the information provided by the Secretariat regarding extrabudgetary activities undertaken during the period June 2012 to May 2014, particularly as these relate to the implementation of IHP at national and regional levels and to the support to Member States in the execution of field activities.

16. The delegate of Japan acknowledged water issues as a highly ranked priority in UNESCO and the importance of extrabudgetary funds for the implementation of water activities. He reminded the Council of the continuous contribution of the Japanese Funds-in-Trust (JFIT) to the UNESCO Office in Jakarta and highlighted IHP activities in Pakistan, including a project implemented from July 2011 to May 2013 following the flood of 2010. The project provided an early warning system for floods and a hazard mapping technology, while providing opportunities for capacity-building by promoting collaboration in Japan with Pakistani engineers and students. He also expressed gratitude to the IHP Secretariat for the ongoing collaboration between Japan and the IHP, notably through the category 2 International Centre for Water Hazard and Risk Management (ICHARM), and also informed the participants that the final project report is being finalized.

17. The delegate of Turkey explained that the Government of Turkey undertook water-related activities through a drought relief project, providing water to 1.3 million people with 350 wells in both East and West Africa.

18. The delegate of Poland informed the Council about a cooperative project implemented in Ethiopia on ecosystem rehabilitation through ecohydrological approaches, which included capacity-building for technical professionals through the European Regional Centre for Ecohydrology.

### **Report of the IHP Finance Committee**

19. The outgoing Chairperson of the IHP Finance Committee reported on the financial situation of IHP concerning the regular budget both for activities and staff. The Chairperson recalled that the financial situation of UNESCO remains critical and of great concern for all Member States and referred to the Medium-Term Strategy Expenditure and Implementation Plan of US \$507 million approved by the General Conference, reduced from the initially planned budget of \$653 million. The total IHP budget was then reduced from around \$15 million to the actual budget of approximately \$12.9 million for both staff and activities. The Finance Committee, at the request of the fiftieth session of the IHP Bureau, requested and obtained from the Secretariat a detailed breakdown of funding for IHP themes and for the Africa region, as presented in Annex V of this report.

20. With reference to IHP staff, the Chairperson of the Finance Committee also recalled to Member States that while IHP is a highly ranked UNESCO budget priority, this is not reflected in the number of its staff when compared with other divisions of the Natural Sciences Sector. IHP currently has only eight Professional programme posts, compared with lower-ranked budget

priority areas that have additional Professional programme posts (e.g., 14 and nine in other divisions), which are also of higher grades than IHP posts. The Chairperson also informed the participants that the spirit of the proposed resolution is to renew financial support and to serve as a call from the Council to the governing bodies of UNESCO to raise awareness about the need to address IHP's constraints.

21. The delegate of the Dominican Republic supported the proposed resolution. The Delegate of Sudan expressed appreciation of the Finance Committee report and presented his concern about the implementation of activities given IHP's limited budget, suggesting that IHP should consider a reduction in the implementation of planned activities. The delegate of Uruguay acknowledged that the report refers to the impact of the financial constraints and suggested that the resolution should also include special references to IHP staff needs. The Council took note of the report and adopted Resolution XXI-1 in this regard (see Annex IV – Adopted Resolutions).

### **Report of the IHP Publication and Communication Committee**

22. The Secretariat presented the report of the IHP Publication and Communication Committee and the proposed establishment of the IHP Communication and Outreach Committee, while highlighting that the current committee is an *ad hoc* committee.

23. The delegate of the Netherlands introduced a draft resolution on the Communication and Outreach Committee and informed the Council that the proposed resolution is the result of extensive consultations with other Member States. Highlighting the importance of access to information on IHP activities and the effect such information can have on the engagement of governments with IHP, he explained that the draft resolution aims to support the development of a strategy for communication and the allocation of resources for communication.

24. In this regard, the Council approved Resolution XXI-2 endorsing the establishment of the IHP Communication and Outreach Committee, as well as the proposed Terms of Reference of the Committee presented in document IHP/IC-XXI/6 Annex II. The Council elected the following members to the Committee: Ms Andrea Van der Kerk (shared with Ms Rozemarijn ter Horst, The Netherlands, Group I), Mr Maciej Zalewski (Poland, Group II), Mr Luis Moreno (Chile, Group III), Ms Yan Huang (China, Group IV), Mr Seydina Oumar Traore (Burkina Faso, Group Va) and Mr Abdallah Abdelsalam Ahmed (Sudan, Group Vb). The Committee elected Ms Yan Huang to serve as its Chairperson.

### **Celebration of the fortieth anniversary of IHP in UNESCO**

25. The Council decided to celebrate the fortieth anniversary of IHP by various means. The delegations of Egypt, Japan and Mexico proposed the organization of regional events, in close cooperation with the IHP Secretariat. It was proposed that the IHP Council Chairperson and Vice-Chairpersons establish organization committees in their respective regions to organize events on regional specific topics and challenges. The IHP Secretariat informed the Council that a joint publication will be published with the International Association of Hydrological Sciences (IAHS), highlighting the major milestones and the key champions of IHP, and called for Member States to contribute and support this publication. Upon suggestion by the delegate of Japan, the Council requested that the IHP Secretariat adapt the IHP logo for the fortieth anniversary.

### **Status of IHP National Committees**

26. The Secretariat informed the Council about the Secretariat's increasing engagement with the National Committees of IHP during the past two years and reported on the establishment of the internal Task Force for the strengthening of these Committees. The delegate of the Netherlands inquired whether Member States can participate in the Task Force, so that the delegation of the Netherlands could share their experience in restructuring their own National Committee. The Secretary of IHP indicated that the Task Force has been established as an internal Task Force of



the Secretariat. However, she added that Member States will be invited to some of the meetings of the Task Force, to learn from those that wish to provide contributions and have experience in strengthening and revitalizing National Committees. The delegate of Kenya indicated that his region would also like to contribute to the work of the Task Force. He highlighted that in Africa, as was clear during the recent IHP regional meeting, many countries need information on how to establish IHP National Committees. He highlighted that the institution in which the committee is anchored has a key effect on their financial sustainability, especially if the host can provide the Committee with a regular budget. He further noted that the Africa region would like to learn from the experience of the Netherlands and other countries in that regard.

## **IMPLEMENTATION OF THE RESOLUTIONS AND DECISIONS ADOPTED AT THE TWENTIETH SESSION OF THE IHP INTERGOVERNMENTAL COUNCIL**

27. On the implementation of Resolution XX-4, the delegate of the Netherlands requested clarification regarding the status of the IHP International Initiative on Water Quality. The Secretariat clarified that the Initiative serves as an umbrella platform to deliver existing and ongoing IHP activities on water quality, including access to water and sanitation and wastewater management, in a coordinated manner and to ensure a more effective involvement of Member States and partners in IHP activities on water quality. It was further noted that the planned meeting aims to facilitate the involvement and contributions of Member States and other implementation partners to IHP activities on water quality.

28. Concerning the recommendation of the 50th session of the Bureau on the revised proposal for the launching of a World's Large Rivers Initiative (WLRI), the delegates of the Dominican Republic, Japan, Namibia, the Netherlands, Poland, Sudan and Sweden welcomed the initiative, but asked for additional clarifications regarding the scope. The delegates from Brazil, Japan, Slovenia, Switzerland, Turkey and Pakistan highlighted the importance of clarifying the international consensus on the definition of "large rivers" and the scientific scope of the initiative, before making a decision on its adoption. The observer from Austria highlighted that the proposed initiative is linked to the UNESCO Chair on the same topic, located in Austria, and the Government of Austria would provide its full support to the initiative. The delegate of Brazil expressed his disagreement with the statement of an alleged "lack of global regulatory mechanisms for protecting the remaining near natural World Large Rivers" as contained in the reference document IHP/Bur-L/Ref.9 on "Revised Proposal for the Launching of a 'World's Large Rivers Initiative (WLRI)'"'. As follow up to the discussion, the Council later approved Resolution XXI-3, which put in place the implementation of the initiative taking into account the expressed concerns.

## **IMPLEMENTATION OF THE EIGHTH PHASE OF IHP (IHP-VIII, 2014-2021)**

### **Report of the Working Group for supporting the Implementation of the Strategic Plan for IHP-VIII**

29. Mr Stein van Oosteren and Mr William S. Logan, in their capacity as rapporteurs of the Working Group for supporting the Implementation of the Strategic Plan for IHP-VIII, presented the conclusions of the UNESCO Strategic and High-Level Meeting on Water Security and Cooperation (Nairobi, 11-13 September 2013). Among other issues, they recalled the objective of establishing IHP-VIII as a common programme, with the specific task of identifying how category 2 centres could play a more active role in the implementation of IHP. It was noted that category 2 centres have reached a critical mass, with more possibilities and expectations to support IHP-VIII. In light of this, a survey was made to identify key focal areas of the different centres and find synergies that could enhance water collaboration between countries. They also raised the question of identification of responsibilities, location and timing for the organization of the subsequent meetings of the Working Group.

30. The delegate of Japan endorsed the continuation of the Working Group. The delegate of Sweden requested a clarification from the Secretariat about how overlap between programmes will be avoided and how synergies can be developed between different themes. The delegate of Turkey indicated the need to link the IHP-VIII strategic plan with the strategic plans of Member States to enhance synergies. The delegate of the United Kingdom indicated that there is a long list of activities, making it necessary to formally involve the centres to implement the proposed activities. The delegate of Germany indicated that there is a need to have regular meetings to more closely coordinate between the different actors of the IHP network. The delegate of Sudan indicated that each partner should be given a specific role to ensure that the IHP-VIII programme can be implemented effectively. The delegate of the Netherlands noted the need for a roadmap for each type of activity. The delegate of Indonesia indicated that the category 2 centre in Indonesia can collaborate with other centres to implement IHP-VIII activities. The IHP Secretariat indicated that in IHP-VIII the category 2 centres are attributed a more important role than in IHP-VII and that the centres have been mapped against IHP-VIII themes, with the pertinent information available on UNESCO's website. Regional coordinators at the IHP Secretariat are now coordinating with the category 2 centres on the projects for which they are responsible. The IHP Secretariat recalled that, considering the Terms of Reference for the Working Group, it stands ready to organize a second meeting of the Working Group as requested by the Council, highlighting however that this meeting should have no financial implications for UNESCO, and requested Member States to contact the Secretariat in case they are interested in hosting and/or supporting this meeting. The delegate of Sudan indicated the need to establish the budget for the meeting.

#### **Focus for 2014-2015**

31. The Secretariat reported on the focus of IHP-VIII implementation for 2014-2015. The delegate of Kuwait stressed the role of desalination as an additional water source and as an increasingly used technology for water treatment, noting that low-cost desalination technologies are available, and recommended giving more focus to desalination in theme 3 activities, as well as in themes 4 and 5, where appropriate. The delegate of Indonesia noted the contribution of the category 2 Asia-Pacific Centre for Ecohydrology in Indonesia to theme 5 and expressed interest in strengthening cooperation with other category 2 centres. In response to the question of the delegate of Sudan regarding the budget for different activities, the Secretariat clarified that the budget allocated for different themes are presented in the report of the IHP Finance Committee and that these budgets are dedicated to biennial priority activities described in the IHP-VIII focus for different biennia. She further noted that if Member States identify additional activities, such activities will have to be implemented through additional contributions from Member States and the mobilization of partners.

#### **UNESCO'S WATER-RELATED INSTITUTE AND CENTRES (CATEGORY 1 AND CATEGORY 2)**

##### **Proposed water-related centres**

32. The Secretariat informed the IHP Council that new proposals were received from Member States for the establishment of one category 1 institute and six category 2 centres, which had already been endorsed by the IHP Bureau and needed to be considered by the IHP Council. The proposals for category 2 centres were endorsed by the Council, with strong support from the delegates of Poland, Turkey and Sudan. The proposals for these centres were introduced to the Council as follows:

- African Regional Centre for Ecohydrology (ARCE), Ethiopia – The observer from Ethiopia representing the centre, Mr Yohannes Zerihun, described the centre's efforts to adopt ecohydrological approaches when solving important water-related environmental problems and underlined the need for further capacity-building in Africa on ecohydrology. He expressed gratitude for the efforts of the European Regional Centre for Ecohydrology

and of the Republic of Poland for their support, which led to the development of the proposal for the category 2 centre.

- Central Laboratory for Environmental Monitoring (CLEQM), El-Qanater, Egypt – The delegate of Egypt presented the objectives and functions of the proposed centre and the services it has provided to the African region since its establishment in 1997. He highlighted the concerns raised regarding water quality-related issues during the Africa Regional Workshop on Water Quality in 2011 and the IHP Africa Regional Meeting held in Dar Al-Salaam in 2012. He also provided a brief description of the human and financial resources and facilities available to the centre.
- Integrated and Multi-Disciplinary Water Resources Management Centre, Aristotle University of Thessaloniki, Greece – The delegate of Greece informed the Council that the host university, which includes a water-related UNESCO Chair, has substantial experience on water-related issues in the Balkans.
- Water Research Centre, Kuwait Institute for Scientific Research, Kuwait – The delegate of Kuwait described the challenges faced by his region, which include water pollution, depletion of water resources, and the high cost of non-conventional water resources. He linked the objectives of the proposed centre to addressing these challenges through innovative research and technological development. He also highlighted the existing cooperative relationships that KISR has with universities, government research units, and scientific organizations in several countries.
- International Centre for the Integrated Management of Watershed and Bio-resources in Arid and Semi-Arid regions, Islamic Republic of Iran – The Secretariat provided a brief summary of the proposal for the establishment of this centre.
- Regional Water Research Centre (RWRC), COMSATS Institute of Information Technology, Abbottabad, Pakistan – The delegate of Pakistan indicated that the proposed centre will support climate change adaptation efforts, groundwater and surface water management, and management of the Indus River Basin, while enhancing regional food security. He informed the Council about the centre's partnerships with universities and institutes in Germany, Norway and Italy.

Resolution XXI-4 was adopted in this regard.

33. Regarding the proposal for the establishment of UNESCO-HIDROEX as a UNESCO category 1 institute, the delegate of Brazil thanked the IHP Bureau for its out-of-session endorsement and support of the proposal. He highlighted that the proposal demonstrates Brazil's strong confidence in IHP and UNESCO, as well as their commitment to cooperate with the Organization and in particular the UNESCO Water Family, in order to ensure IHP's continued leadership in the field of freshwater. The delegate of Brazil added that UNESCO-HIDROEX will be fully aligned with IHP priorities and strategic guidelines, and will avoid duplicating the efforts of other members of the Water Family. Priority regions for the Institute will be Latin America and the Caribbean, as well as Portuguese-speaking countries in Africa. Other countries are also welcome to collaborate with the institute. Working on priority regions will enable the institute to perform better and gain traction, while its authority will come from UNESCO, providing the institute with the means to network, recruit and engage people from all regions. He emphasized that there will be no costs to UNESCO. The State Government of Minas Gerais, where UNESCO-HIDROEX will be based, fully supports this proposal. For financing and other institutional aspects, they will rely on the preparations of the feasibility study that will be conducted, should the Council approve the proposal. The delegate of Brazil also emphasized that this is a new institute, based on the existing category 2 centre HIDROEX. The privileged position of the proposed institute for the promotion of

South-South cooperation, in particular between Spanish- and Portuguese-speaking countries, was also highlighted.

34. The Secretariat took the floor to clarify that category 1 institutes are brought fully into the institutional framework of UNESCO – which is not the case of category 2 centres – and as such, their budgets and staff are integrated into UNESCO's financial planning exercises. The Secretariat also noted that the Council is encouraged to focus on the programmatic aspects of the proposal, as the institutional aspects would be subject to an in-depth analysis during the preparation of the feasibility study for eventual submission to the consideration of the Executive Board.

35. The delegates of China, Dominican Republic, Germany, Mexico, Sudan and Yemen expressed their strong support for the proposal, citing in particular their appreciation for the strength of Brazil's commitment, especially for the financing of the centre which will not present any additional costs to UNESCO, and the centre's important potential role for strengthening capacity-building and water resources management in the region, as well as for strengthening South-South cooperation and triangular relations. The delegates of Côte d'Ivoire and Japan requested a clarification of the criteria and procedure for upgrading category 2 centres into category 1 institutes, concerned in particular with the financial implications for UNESCO and with how HIDROEX staff would be integrated into UNESCO. The delegate of Germany highlighted that, while UNESCO-IHE was based on a long-standing institute with many aspects already defined when it joined UNESCO, the proposed UNESCO-HIDROEX institute is in the early stages of creation, which allows more flexibility and innovation. He also emphasized that the proposed institute will undergo a feasibility study, looking at structure and other institutional issues, and if the Council endorses the proposal it will mean that this detailed feasibility study will be initiated for subsequent consideration by the Executive Board and General Conference. The delegate of Uruguay noted the relevance of the proposal and his belief that it will be decisive for post-Rio+20 cooperation in the context of water issues. He noted that the feasibility study should be articulated with the UNESCO Montevideo Office, where the post of IHP Regional Hydrologist for Latin America and the Caribbean is hosted, to improve the coherence of regional and sub-regional activities on water.

36. In response to questions raised by the delegates of Côte d'Ivoire and Japan, the Secretariat explained that the criteria for category 1 institutes are defined in document 33 C/19, that there is no defined process to transform category 2 centres into category 1 institutes, and that the proposed institute would need to terminate the agreement for the category 2 centre before formalizing agreements to become a category 1 institute. The Secretariat also explained that the staff of the proposed institute would likely need to go through a UNESCO recruitment process. In addition, the funds for the operation of the institute would in principle need to be transferred to UNESCO.

37. The delegate of Brazil thanked all the delegations that expressed support for their proposal. He stated that Brazil is very strongly committed to establishing this category 1 institute and added that the State Government of Minas-Gerais is fully committed to fund it through a law that was recently submitted to the legislative House for approval. The delegate further added that the precise modalities of this extrabudgetary financial support will depend on the results of the feasibility study and the institutional format to be adopted. In this regard, the Council adopted Resolution XXI-5.

### **Recent developments on category 2 water-related centres**

38. The Secretariat reported on recent developments at UNESCO and IHP concerning category 2 centres and informed the Council of revisions to the IHP Strategy for engagement with category water-related centres related to financial costs to be covered by centres for the feasibility study and review of centres.

### **UNESCO-IHE Institute for Water Education (category 1)**

39. The Rector of UNESCO-IHE reported on the linkages of the category 1 UNESCO-IHE Institute for Water Education with IHP and informed the Council about developments in the past two years. He stated that the Institute is in good academic and financial health. The Rector recalled that the model originally conceived 15 years ago – with functional autonomy, academic excellence, academic freedom, entrepreneurship – worked well in practice. The Institute functions entirely on extrabudgetary resources. The current biennial budget amounts to \$92 million, in particular thanks to the generous support of the host country, the Netherlands, which significantly contributes to the budget of the Institute. During the two-year period, around 460 MSc degrees and 40 Ph.D. degrees have been awarded. Currently, about 150 Ph.D. fellows conduct research at the Institute. Forty percent of the students are female and forty three per cent come from Africa. The Institute now has around 200 staff and 300 visiting faculty members. The four MSc programmes have recently been re-accredited within the framework of the standard procedure established. New professorial Chairs have been established for the following themes: water governance, water accounting, and one Ramsar Chair on the wise use of wetlands. The new strategic approach adopted by the Governing Board of the Institute concerning the global campus concept and the PhD granting right was also mentioned. Emphasis was also placed on the results of a recent IHP-IHE meeting on UNESCO-IHE contributions to IHP-VIII.

40. The delegate of Germany, who also serves as Chairperson of the Governing Board of UNESCO-IHE, took the floor to emphasize the unique character of the Institute in implementing UNESCO's mission in water research and education on the ground. He praised the delivery capabilities of the Institute, which is also strongly linked to the Dutch water science community.

### **Nominations for office bearers in various boards of category 1 and category 2 centres**

41. Following the review by the IHP Bureau of the nominations received from Member States for office bearers for the Governing Boards of the category 1 institutes and category 2 centres, as well as the regional consultations corresponding to the electoral groups where such appointments were necessary, the Council unanimously designated the IHP representatives as follows:

- to the Governing Board of UNESCO-IHE Institute for Water Education (category 1):
  - Region I: Mr Ahmet Saatci (Turkey)
  - Region IV: Mr Ali Riza Daemi (Iran)
  - Region Vb: Mr Abdin Salih (Sudan)
- to the Governing Board of the HIDROEX International Centre for Education, Capacity Building and Applied Research in Water (category 2):
  - Region III: Mr Francisco Rodriguez (Dominican Republic)
  - Region Va: Ms Rhoda Nuvunga Luis (Mozambique)

The delegate of Brazil informed the Council that scientists from Colombia and Nigeria will be invited to integrate the Scientific Board of the category 2 HIDROEX Centre, noting that membership to this Board is defined by the host Member State.

## **REVIEW OF IHP-VII ACTIVITIES AND RELATED ACTIVITIES OF UNESCO**

### **Results of IHP-VII projects since the twentieth session of the IHP Intergovernmental Council and major achievements**

42. The Secretariat informed the Council about major achievements in the implementation of IHP-VII. The delegate of the Russian Federation stressed that all subjects of IHP-VII are important, but that only a few are scientific in nature, while most relate to management issues and economic aspects. A conference in Saint Petersburg provided a platform for the launch of a number of scientific studies, which could contribute to the Programme. The delegate of Sweden expressed appreciation for IHP's achievements. The delegate of the Netherlands emphasized the importance of receiving feedback from Member States on the achievements of IHP-VII. The delegate of the Dominican Republic stressed the importance of sustainable water management, especially in relation to floods. The delegate of Japan recalled the increase in the number of organizations making up the Water Family, specifically through the establishment of 21 new centres and 15 Chairs which represent assets for IHP. He further noted that attention must be given to ensure effective collaboration between the centres on science, education and best practices to promote water security, and proposed that a conference of UNESCO water-related centres be organized.

### **Evaluation of the Seventh Phase of IHP (IHP-VII, 2008-2013)**

43. Mr Jozef Vaessen, from the Internal Oversight Service (IOS) of UNESCO, and Professor Tony Jones, member of the external evaluation team, presented the main conclusions and recommendations of the external evaluation of IHP-VII. Mr Vaessen noted that this evaluation adopted a forward-looking approach and was conducted with modest resources. He informed that the evaluation relied on an extensive desk study, virtual consultations with stakeholders, and interviews. He noted that the full draft report is available online. Professor Jones presented a broad outline of his main findings and recommendations. He stated that IHP has several major strengths in its favour, in particular its unparalleled networks. He also detailed weaknesses of IHP, including its excessive bureaucracy and limited visibility. He recommended that the Secretariat appoint a professional fundraiser to strengthen its financing strategy. He further advised that the Secretariat be restructured to increase its flexibility and responsiveness. Professor Jones emphasized that, from the evaluator's point of view, progress is difficult to assess as requested by some delegates during the Council session. He noted the disillusionment of some National Committees and recommended that the Secretariat praise good work, actively seek out new links and maintain and improve its interpersonal relations. The public visibility of IHP is a weakness, in particular its website, which is in urgent need of remodelling. Attention must be paid to an improved and more consistent presentation of publications. He also noted that the Secretariat should insist on the frequent use of the IHP logo, produce end-of-phase reports and consider publishing in a wider range of media. Professor Jones encouraged the Secretariat to take action in order to avoid losing ground and concluded by emphasizing that these recommendations should be interpreted as a constructive wake-up call. A comprehensive list of recommendations is presented in the summary document with further details on each of the recommendations in the main report. The Internal Oversight Service will discuss the follow-up on the recommendations with the IHP Secretariat.

44. The delegate of the Russian Federation noted that the evaluation results were interesting and further mentioned that lack of cooperation on water is still a problem. The delegate of Sweden asked if the Secretariat could elaborate on the establishment of a task force for the implementation of recommendations. She noted in particular the relevance of recommendations 1c ("Develop and implement attractive and clear entry and exit mechanisms for institutions and professionals as a basis for a more strategic and coherent process of expansion of the network") and 7c ("Strengthen the focus (in line with IHP's comparative advantages) of the new strategic plan"). She further expressed concern about the difficulty to assess the programme as noted by the external evaluator. The delegate of China mentioned that on page 37 of the draft report there are two sentences that do not reflect the real situation of the International Sedimentation Initiative (ISI). He noted that the ISI steering committee did not take a decision to shut it down and mentioned that

many activities have been realized in cooperation with the International Research and Training Centre on Erosion and Sedimentation (IRTCES) despite budget cuts. He requested the report to be amended in this regard. The delegate of the Netherlands mentioned that the newsletter and communications were regrettably affected by the shortage of funds and called for more outreach efforts. He also commended the work of the From Potential Conflict to Cooperation Potential (PCCP) programme, which needs more visibility to attract extrabudgetary resources. The delegate from the Dominican Republic called for more information to be included online. The delegate of the United Kingdom noted the importance of recommendation number 7 on IHP Phases and highlighted that some recommendations are similar to those of previous phases, requesting the Secretariat to address them more swiftly, including through more frequent project assessments to be performed with reduced bureaucracy. The delegation of Japan requested that the report incorporate additional information provided by the water centres. The delegate of Switzerland expressed his overall satisfaction with the recommendations but highlighted that the ISI is an important initiative and that IHP should make an effort to maintain it. He further noted that it was a wrong interpretation in the report to state that the programme needs to be shut down due to budget cuts. The delegate of Sudan noted the importance of water education, especially in developing countries, and inquired about the status of the guidelines that UNESCO started to develop for water education at the university level, postgraduate level, and technical and vocational education and training. He also asked how to ensure that programmes such as Flow Regimes from International Experimental and Network Data Sets (FRIEND)-Nile would be continued. The delegate of Uruguay mentioned that several recommendations could be applicable to any similar organization. He noted that recommendations should be more specific and focused on the content of the programme.

45. The Secretary of IHP highlighted that the evaluation was performed in less than six months just after the phase was concluded. In response to the various questions and comments, with regards to recommendation 1c, she noted that it should be about transforming programmes and modernizing them. The meeting in Nairobi, which defined priorities for IHP, has addressed the need to strengthen the focus of the Programme. She also noted that the Working Group for the implementation of IHP-VIII will help with focusing on goals and objectives. The Secretariat further concurred that the draft report related to ISI was outdated and should be changed in her opinion. She also noted that UNESCO Cairo Office is considering the organization of a regional hydrological meeting. In reply to the Netherlands, she noted that UNESCO has indeed done extensive work on transboundary waters but that when she joined the Organization during the last months of IHP-VII the regular budget for IHP was extremely reduced and would not be enough for any activity even for communication. She agreed that some recommendations have, in a general format, persisted from the evaluation of previous phases and acknowledged that an intermediate assessment could help. She also highlighted that greater visibility must be given to the work of IHP National Committees. She concluded by encouraging the Council to read the conclusions of the second part of the report, which was not presented in detail during the Council session. The representative of IOS noted that he will keep the draft report open and consider the comments raised for the final version. He concurred on the practical difficulties to assess programmes and invited the Council Members to discuss the clear opportunities to improve internal and external reporting. He further noted that the recommendations are the result of a carefully carried out process, and that more detailed recommendations are available in the report.

### **Cooperation with scientific programmes**

46. The Secretariat presented an update on activities of cooperation with UNESCO environmental programmes and, subsequently, those that also involve an intersectoral component.

47. The Secretary of the Man and the Biosphere (MAB) Programme indicated that there is a long-lasting cooperation with IHP, particularly highlighting climate change impacts on mountains

using remote-sensing images. The work produced a catalogue, which exhibited during the 37th session of the General Conference of UNESCO. Further exhibitions are planned during COP-20 and COP-21 and as well as collaboration activities on wetlands, large rivers and transboundary issues. In the field of natural hazards, floods and landslides, IHP and MAB have been working together.

48. The International Geoscience Programme (IGCP) reported that it has provided a platform for concrete programmes for 42 years, with hydrology as one of the five programme themes, and hydrogeology is a common area on which they collaborate with IHP. Three hydrogeological projects were established on tropical rivers, groundwater and wetlands, and karst system research, which then led to the establishment of the International Research Centre on Karst in China.

## **RELATIONS WITH UNITED NATIONS, INTERGOVERNMENTAL ORGANIZATIONS AND NON-GOVERNMENTAL ORGANIZATIONS**

### **Cooperation with United Nations system on freshwater issues**

49. The Secretariat reported on its cooperation with the United Nations system on freshwater issues, including with UN-Water at the international level and in Africa, as well as on bilateral cooperation with the United Nations organizations.

50. The representative of the World Intellectual Property Organisation (WIPO) informed the Council about its activities in the field of water, related to access to clean freshwater and to waste water treatment and awareness raising. The challenges being addressed by IHP will require innovation and the development and implementation of technological solutions. Technologies are often protected as Intellectual Property (IP), especially if there are market opportunities. Some examples of this can be found in the desalination technologies discussed in the context of the implementation of IHP-VIII. WIPO recently prepared a patent landscape report describing the patenting activity in the area of desalination technologies, including trends over time, major innovations, ownership of technologies, and their geographic area of protection. Their report provides evidence of the strong relevance of IP in this area of technologies, and an example of how analysis of patent information can contribute to identifying technologies and their ownership. IP plays an essential role in technology transfer, and is also becoming important for South-South technology transfer, since there is increasing patenting activity in emerging economies. Another recent activity of WIPO GREEN, which seeks to facilitate technology transfer in the field of green technologies, includes those applied to waste water management. It will conduct a special project on waste management in collaboration with the United Nations Environment Programme (UNEP) and three developing countries, the Philippines, Viet Nam and Indonesia. The main idea is to identify the needs of these countries and match those needs with appropriate technologies for successful transfer.

51. The representative of the United Nations Human Settlements Programme (UN-Habitat), UNEP and the World Health Organization (WHO) described an activity recently initiated on Sustainable Development Goals (SDGs) in the water sector, with support from the Swiss Agency for Development and Cooperation, to establish a monitoring mechanism for wastewater and water quality that will be later discussed with Member States. He highlighted that UNESCO was recently invited to join these organizations, on equal terms, for the implementation of this activity. He further announced that UNESCO has accepted.

52. The representative of the World Meteorological Organization (WMO) recalled the signature in 2013 of the working agreement between UNESCO and WMO on long-term cooperation in the field of hydrology and water resources, creating a Liaison Committee for Hydrological Activities and establishing a broad framework for collaboration. He also recalled that, at the last session in 2012 of the WMO Commission for Hydrology, they designated among the members of its Advisory Working Group a representative of the IHP Bureau. He briefly summarized the main areas of



activities of the WMO Hydrology and Water Resources Programme and identified flood, drought and the development of competence standards for hydrologists as areas for immediate collaborative activities.

### **Cooperation with intergovernmental and non-governmental organizations**

53. The Secretariat reported on activities undertaken and the results obtained with regard to cooperation with intergovernmental and non-governmental organizations.

54. The representative from the International Commission for the Hydrology of the Rhine Basin (CHR) detailed CHR's collaboration with scientific institutions of riparian countries on hydrological bases for sustainable development of the river basin. He added that while the Rhine River is not a "large river", it remains important in socio-economic terms, as the main waterway for the transport of goods in one of the world's most highly industrialized river basins. To maintain a balance between economic development needs of the river, the basin and its tributaries, and ecological requirements in light of future changes, such as land use changes and climate change, CHR carries out science-based assessments, studies and guidance for water management for decision-makers on national and transboundary levels. The mission of CHR is to foster knowledge on a basin-wide scale and ensure a sustainable development of the Rhine basin. For this, CHR undertakes research on various themes, such as hydrological interests in water economy and flood control, sediment management, hydrological forecasts and models, comparison of methods and measuring equipment, studies on climatic changes and their possible effects, and registration of the interactive relationships between various influencing factors on the hydrological regime of the Rhine basin. Today, CHR undertakes activities within the framework of IHP and the Hydrological and Water Resources Programme of WMO, and actively exchanges knowledge and collaborates with other river basin organizations, including the Mekong River Commission.

55. The representative of the International Association of Hydrological Sciences (IAHS) informed the Council that IAHS is part of the International Union of Geodesy and Geophysics (IUGG) within the International Council for Science (ICSU) family and a strong partner of IHP since the 1960s. Over the last two years, IAHS contributed especially to the FRIEND Programme with the organization of the Med-Friend Conference and the upcoming Global Conference in October 2014, in addition to the organization of the Kovacs Colloquium. IAHS also provided the publication of the corresponding scientific outputs in its famous Red Book series. Furthermore, IAHS is a UN-Water partner and has, in this capacity, contributed to UNESCO-led activities such as the World Water Development Report (WWDR) and the International Year of Water Cooperation. Concerning cooperation plans for the next two years, IAHS invited IHP to co-convene a symposium on hydrological change, in line with the Pantia Rhei Decade, at its next World Scientific Assembly in June 2015. Furthermore, IAHS offered support for the celebration of IHP's fortieth anniversary in 2015, and to organize a Kovacs Colloquium as a scientific segment alongside the next session of the IHP Council in 2016.

56. The representative of the International Hydropower Association (IHA) thanked IHP for its ongoing support, noting its support for the establishment of the Association exactly 20 years ago. Since 2008, IHP and IHA have collaborated on the international research project on the Greenhouse Gas (GHG) Status of Freshwater Reservoirs. Several seminars and workshops have taken place, bringing together more than 100 institutions and researchers working in this area. Outputs achieved to date include "*GHG Monitoring Guidelines at Freshwater Reservoirs*" and a beta version of a predictive tool. IHP has been involved as a partner in the dialogue leading to the formation of the multistakeholder Hydropower Sustainability Forum. More than ten years of work have culminated in the development of the Hydropower Sustainability Assessment Protocol ([www.hydrosustainability.org](http://www.hydrosustainability.org)) launched in 2011, and applied throughout the world. The assistance of IHP in the development of awareness around the Hydropower Sustainability Assessment Protocol and in building capacity for the application of this tool is highly appreciated. The role of the EU through its support for the Hydro4LIFE project is also gratefully acknowledged.

## **IHP contribution to the World Water Assessment Programme (WWAP)**

57. The representative of the World Water Assessment Programme (WWAP) Secretariat reported on the five flagship World Water Development Reports (WWDRs) produced since its establishment in 2000, including the last WWDR launched in Japan in March 2014, as a collaborative effort between 30 UN-Water partners. IHP has a very critical role in the content development of this programme. For the WWDR 2015, IHP has an important contribution to make to the report, as 2015 is the deadline of the Millennium Development Goals.

58. The Chairperson expressed strong appreciation for the support provided by Italy to WWAP. The delegate of Italy expressed great satisfaction with the Memorandum of Understanding between the Italian Government and UNESCO. He also referred to the Office on Global Water Assessment in Perugia, Italy, which hosts the World Water Assessment Programme, and their willingness to further increase interaction with the WWAP Secretariat. The delegate of Japan highlighted the successful World Water Day event on 21 March 2014 in Tokyo and the launch of the 2014 edition of WWDR, which was part of this event. The delegate of Japan also mentioned that the Ministry of Land, Infrastructure, Transport and Tourism of Japan translated the executive summary of the WWDR into Japanese for widespread enlightening of water and energy issues.

## **IHP's role in the post-2015 development agenda**

59. The Secretariat introduced the agenda item, highlighting IHP's significant contributions to different processes for defining the post-2015 development agenda and sustainable development goals (SDGs). Several delegates praised IHP's contributions to promoting water in the SDGs and post-2015 development agenda framework. The delegate of the Netherlands emphasized that the Open Working Group is the platform for the negotiations with regard to the SDGs and that the Netherlands could therefore not endorse a water goal in the framework of UNESCO. The delegate of Yemen emphasized the role of UNESCO and IHP in placing water at the heart of the Sustainable Development Agenda post-2015. The delegate of Switzerland noted that the country is fully committed to the post-2015 water goal and invited IHP to participate in the efforts on the development of a proposal of indicators and a monitoring framework for post-2015 water monitoring, supported by Switzerland. The delegates of Germany, Japan, Russian Federation and Sudan emphasized that IHP should play a key role in identifying, and designing scientifically-valid indicators, parameters and a monitoring framework that will be able to scientifically analyse data and information at different scales and for different parameters, highlighting that IHP's scientific expertise is essential in this area. The delegate of Germany highlighted the role of data centres, such as the Global Water Data Centre in Germany, which will be crucial to define scientifically-sound indicators and to support monitoring in the SDG process. The delegate of Poland underlined the importance of innovative scientific and technological approaches to water resources management to support Member States in future implementation of water-related SDGs. In response, the Secretariat expressed its availability to support Member States towards the development of scientifically-sound indicators, parameters, a monitoring framework and associated methodologies for water monitoring in the SDGs framework. The Council adopted Resolutions XXI-6 and XXI-7 in this regard.

## **IHP's role in the World Water Day 2013 and the International Year of Water Cooperation 2013**

60. The Secretariat presented a short overview of the accomplishments of the International Year of Water Cooperation led by UNESCO in cooperation with UN-Water and in coordination with the United Nations Economic Commission for Europe (UNECE). It was recalled that the International events organized during the Year contributed to opening a debate about the necessity to strengthen actions and set up tools to foster water cooperation with the participation of civil society and United Nations Member States. UNESCO was also instrumental in promoting the debate about the post-2015, as expressed by several of the Year's milestone events, e.g., in Paris, The

Hague, Nairobi, Dushanbe, Stockholm, Budapest and Mexico. By December 2013, close to 1,000 events worldwide were associated to the Year.

### **IHP's role in the International Decade for Action – Water for Life (2005-2015)**

61. The Council took note of IHP's role in the Decade.

### **IHP's role in UNFCCC COP20 and IPCC processes**

62. The Council took note of IHP's role in the twentieth session of the Conference of the Parties (COP20) to the United Nations Framework Convention on Climate Change (UNFCCC) and Intergovernmental Panel on Climate Change (IPCC) processes.

### **IHP's role in the Seventh World Water Forum**

63. The Secretariat informed the Council on IHP's role in the preparation of the World Water Forum forthcoming in the Republic of Korea in 2015. The delegate of the Republic of Korea, who serves as co-chair of the International Steering Committee, informed the Council about the preparations for the Seventh World Water Forum in the Republic of Korea in 2015. It was indicated that the Forum has moved from vision to action, and will push to implement solutions identified in the previous World Water Fora. IHP contributed to the preparatory meetings, has supported different working groups and was involved in eight main themes. He further added the IHP will lead, as a member of the design group for the following themes: Water Security for All; Effective Governance; Cooperation for Reducing Conflict and Improving Transboundary Water Management; Smart implementation of Integrated Water Resources Management (IWRM); Water Cultures: Justice and Equity; Enhancing Education and Capacity Building. Different category 2 centres will support the Forum on topics of ecohydrology, water quality and water related disasters. IHP will propose to organize a high level panel on water security. All Member States are invited to participate in the Forum.

### **OTHER MATTERS**

64. The Chairperson of the Finance Committee reported on the activities during the first day of the Council. He announced that he, Mr Stein van Oosteren, was elected as the Committee's Chairperson, and that the delegate of Namibia, Ms Paulina Mufeti, was elected as its Vice-Chairperson. The delegate of the Netherlands then thanked the outgoing Committee and the Chairperson for their work, including their detailed breakdown of the budget allocation. The Chairperson also recalled recommendation 6C of the draft external evaluation report of IHP-VIII to clarify the rationale behind the allocation of UNESCO regular programme budget within the Expected Results (ERs) that relate to water activities.

65. The delegate of Mexico requested that the Council continues to support the process of establishing a category 2 centre in Mexico that would build capacity and contribute to technical cooperation between countries. He noted that the centre has support from the region and long-term financial support from the Mexican National Water Commission. The Secretariat thanked Mexico for presenting the possibility of having an additional member in the Water Family.

### **ADOPTION OF THE REPORT**

66. The Council reviewed and adopted the report of the meeting, as amended.

## **CLOSURE OF THE SESSION**

67. The Secretary of IHP thanked the Council and Bureau for their support, as well as countries that provided support to side events. She also highlighted the dedicated work of members of the Secretariat and assured the Council of their commitment to the success of IHP. The Chairperson then declared the twentieth session of the IHP Council closed on 20 June 2014.

## ANNEX I

### AGENDA

1. Opening of the session
  - 1.1 Report of the outgoing Chairperson
  - 1.2 Address by the Director-General of UNESCO
2. Election of the incoming Chairperson and the Vice-Chairpersons
3. Adoption of the agenda and determination of the Council's method of work
4. Institutional developments at UNESCO
  - 4.1 Developments at the Natural Sciences Sector and the Division of Water Sciences following the 37th session of the General Conference and the 190th to the 194th sessions of the Executive Board, including the Medium-Term Strategy for 2014-2021 and the Programme and Budget for 2014-2015 (37 C/5): Issues, Challenges and Opportunities
  - 4.2 IHP-related extrabudgetary activities
  - 4.3 Report of the IHP Finance Committee
  - 4.4 Report of the IHP Publication and Communication Committee
  - 4.5 Celebration of the fortieth anniversary of IHP in UNESCO
  - 4.6 Status of IHP National Committees
5. Report on the implementation of the resolutions and decisions adopted at the 20th session of the IHP Intergovernmental Council
6. Implementation of the Eighth Phase of IHP (IHP-VIII, 2014-2021)
  - 6.1 Report of the Working Group for supporting the Implementation of the Strategic Plan for IHP-VIII
  - 6.2 Focus for 2014-2015
7. UNESCO's water-related institute and centres (category 1 and category 2)
  - 7.1 Proposed water-related centres
  - 7.2 Recent developments on water-related centres
  - 7.3 UNESCO-IHE Institute for Water Education (category 1)
  - 7.4 Nominations for office bearers in various boards of category 1 and category 2 centres
8. Review of IHP-VII activities and related activities of UNESCO
  - 8.1 Results of IHP-VII projects since the 20th session of the IHP Intergovernmental Council and major achievements
  - 8.2 Evaluation of the Seventh Phase of IHP (IHP-VII, 2008 – 2013)
  - 8.3 Cooperation with scientific programmes
9. Relations with United Nations, intergovernmental organizations and non-governmental organizations
  - 9.1 Cooperation with United Nations system on freshwater issues
  - 9.2 Cooperation with intergovernmental and non-governmental organizations
  - 9.3 IHP contribution to the UN World Water Assessment Programme (WWAP)
  - 9.4 IHP's role in the post-2015 development agenda

- 9.5 IHP's role in the World Water Day 2013 and the International Year of Water Cooperation 2013
  - 9.6 IHP's role in the International Decade for Action – Water for Life (2005-2015)
  - 9.7 IHP's role in UNFCCC COP20 and IPCC processes
  - 9.8 IHP's role in the seventh World Water Forum
- 
- 10. Other matters
  - 11. Adoption of the report
  - 12. Closure of the session

## ANNEX II

### LIST OF PARTICIPANTS

#### I. MEMBER STATES, MEMBERS OF THE IHP INTERGOVERNMENTAL COUNCIL

Tel: +33 1 45 68 28 88  
Fax: +33 1 47 83 28 40  
Email: f.mendes.br@unesco-delegations.org

##### Australia

###### *Head of Delegation*

Mr Ian White  
Emeritus Professor, Water Resources  
Australian National University  
Canberra, ACT  
Tel: +61 416 249 809  
Email: ian.white@anu.edu.au

###### *Members*

Ms Anne Siwicki  
Policy Officer, Permanent Delegation of Australia to  
UNESCO  
4 rue Jean Rey  
75015 Paris, France  
Tel: +33 1 40 59 33 44  
Fax: +33 1 40 59 33 53  
Email: anne.siwicki@dfat.gov.au

Mr Michael Cutts  
Deputy Permanent Delegate, Permanent  
Delegation of Australia to UNESCO  
4 rue Jean Rey  
75015 Paris, France  
Tel: +33 1 40 59 34 10  
Email: michael.cutts@dfat.gov.au

Ms Karin Nagorcka  
Principal, Waniassa School  
Sternberg Crescent Wanniasa ACT 2903  
Tel: +61 62512550

##### Azerbaijan

Mr Parviz Rustamov  
Permanent Delegation of Azerbaijan to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 28 77  
Fax: +33 1 45 68 28 80  
Email: dl.azerbaidjan@unesco-delegations.org

##### Brazil

###### *Head of Delegation*

Mr Fabio Mendes Marzano  
Minister-Counsellor, Permanent Delegation of  
Brazil to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France

###### *Members*

Mr Narcio Rodrigues da Silveira  
Secrétaire pour la Science, la technologie et  
l'enseignement supérieur de l'Etat de Minas Gerais  
Cidade Administrativa Presidente Tancredo Neves  
Edifício Gerais – 8° andar Rodavia Prefeito Américo  
Gianetti, 4143 – Bairro Serra Verde  
CEP 31 630-369 Belo Horizonte, Minas Gerais  
Tel: +55 31 39 155 045  
Email: narciorodrigues@gmail.com

Mr Nilo Dytz Filho  
Counsellor, Permanent Delegation of Brazil to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 28 99  
Fax: +33 1 47 83 28 40  
Email: n.dytz-filho.br@unesco-delegations.org

Mr Patrick Thadeu Thomas  
President, COBRAPHI, IHP National Committee  
Agência Nacional de Águas, Setor Policial  
Área 5, Quadra 3, bloco M  
CEP 70610-200  
Tel: +55 61 2109 5437  
Fax: +55 61 2109 5281  
Email: patrick@ana.gov.br

Mr Octávio Elísio Alves de Brito  
President of HIDROEX  
Rodovia Américo Gianetti s/n  
Bairro Serra Verde  
Edifício Gerais, 10º Andar  
CEP 31630 901 Belo Horizonte MG  
Tel: +55 31 3916 7500  
Email: octavio.elisio@hidroex.mg.gov.br

Mr Sérgio Augusto Lourenço  
Sous-secrétaire pour la science, la technologie et  
l'enseignement supérieur de l'Etat de Minas Gerais  
Cidade Administrativa Presidente Tancredo Neves  
Edifício Gerais – 8° andar Rodavia Prefeito Américo  
Gianetti, 4143 – Bairro Serra Verde  
CEP 31 630-369 Belo Horizonte, Minas Gerais  
Tel: +31 3915 4972  
Fax: +31 9261 2162  
Email: Sergio.lourenco@tecnologia.mg.gov.br

Mr Igor Tameirão  
Consultant, Centre HIDROEX  
Rodovia Américo Gianetti s/n  
Bairro Serra Verde  
Edifício Gerais, 10º Andar  
CEP 31630 901 Belo Horizonte MG  
Tel: +33 6 25 18 38 13  
Email: igortameirao@me.com

Mr Vinicius Laender  
Legal Adviser  
Rodovia Américo Gianetti s/n  
Bairro Serra Verde  
Edifício Gerais, 10º Andar  
CEP 31630 901 Belo Horizonte MG  
Tel: +55 31 39 16 74 88  
Fax: +55 31 39 16 74 88  
Email: vinicius.laender@hidroex.mg.gov.br

### **Burkina Faso**

Mr Seydina Oumar Traoré  
Directeur général des aménagements hydrauliques  
Ministère de l'eau, des aménagements  
hydrauliques et de l'assainissement (MEAHA)  
Expert du Conseil intergouvernemental du PHI  
03 BP 7010 Ouagadougou 03  
Tel: +226 7015 0647  
Fax: +226 5037 5801  
Email: seydina02@yahoo.fr

### **Chile**

#### *Head of Delegation*

Mr Luis Alberto Moreno  
Chef, Département d'administration de ressources  
hydriques  
Dirección general de aguas  
Santiago  
Tel: +33 1 45 68 29 50  
Fax: +33 1 45 68 29 51  
Email: dl.chile@unesco-delegations.org

#### *Member*

Ms Angela Briceño Infante  
Permanent Delegation of Chile to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 29 50  
Email: dl.chile@unesco-delegations.org

### **China**

#### *Head of Delegation*

Ms XiaoYuan Zhu  
Director, Bureau of Hydrology, Ministry of Water  
Resources  
Secretary-General, IHP National Committee  
No. 2 Lane 2 Baiguang Road  
Beijing City

Fax: +86 10 6320 3500  
Email: xyzhu@mwr.gov.cn

#### *Members*

Mr AiWen Ying  
Bureau of Hydrology  
Ministry of Water Resources  
No. 2, Lane 2, Baiguang Road  
Beijing city 100053

Ms Yuan Chang  
Bureau of International Cooperation, Science and  
Technology  
Ministry of Water Resources  
No. 2 Lane 2, Baiguang Road  
Beijing 100053  
Email: changyuan@mwr.gov.cn

Mr ChunHong Hu  
Director-General, International Research and  
Training Centre on Erosion and Sedimentation  
(IRTCES)  
Ministry of Water Resources  
PO Box 366, 20 Chegongzhuang West Road  
Beijing 100048

Mr Cheng Liu  
Deputy Chief, Department of Research and  
Training IRTCES  
Ministry of Water Resources

Mr HaiYun Cheng  
Chief Engineer, Bureau of Hydrology  
Changjiang Water Resources Commission  
Ministry of Water Resources  
No. 1863 Jiefang Avenue, Wuhan, 430010

Mr Heng Liu  
Director-General, International Network on Small  
Hydro Power  
Vice-Chairman, IHP National Committee of China

Ms Yan Huang  
Deputy Chief Engineer, Changjiang Institute of  
Survey, Planning, Design and Research, Changjiang  
Water Resources Commission, Ministry of Water  
Resources,  
No. 1863 Jiefang Avenue, Wuhan, 430010  
Email: yhuang@cjwsjy.com.cn

### **Côte d'Ivoire**

#### *Head of Delegation*

Mr Loukou Kouadio  
First Counsellor, Permanent Delegation of Côte  
d'Ivoire to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 44  
Fax: +33 1 45 67 32 41



Email: dl.cote-d-ivoire@unesco-delegations.org

*Member*

Mr Jean Patrice Roger Jourda  
Professor, Université Félix Houphouët-Boigny  
UFR-STRM  
22 BP 582  
Abidjan 22  
Tel: +225 07 37 17 59  
+337 62 21 16 44  
Email: jourda\_patrice@yahoo.fr

**Dominican Republic**

*Head of Delegation*

Ms Laura Faxas  
Ambassador, Permanent Delegate  
Permanent Delegation of the Dominican Republic  
to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 27 19  
Email: dl.dominican-republic@unesco-  
delegations.org

*Members*

Ms Elsa Dominguez Brito  
Minister Counsellor, Permanent Delegation of the  
Dominican Republic  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 27 19  
Email: e.dominguez-brito.do@unesco-  
delegations.org

Mr Eliseo González  
Planning Manager  
National Institute of Hydraulic Resources (INDRHI)  
of Dominican Republic  
Av. Juan de Dios Ventura Simo Eso Av. E. Jiménez  
Moya, Centro de Los Héroes, Distrito nacional  
Santo Domingo  
Tel: +1 809 532 3387  
Fax: +1 809 508 2741  
Email: gplanificacionindrhi@gmail.com

**Egypt**

*Head of Delegation*

Mr Mahmoud Abu-Zeid  
President, Arab World Council  
9 Al-Mokhayam Al-Da'em St.  
AlHay AlSadas Nasr City  
11471 Cairo  
Email: president@arabwatercouncil.org

*Members*

Ms Ghada Omar  
Deputy Permanent Delegate, Permanent  
Delegation of Egypt to UNESCO

UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 09  
Fax: +33 1 47 83 41 87  
Email: dl.egypte@unesco-delegations.org

Mr Omar Shalaby  
Counsellor, Permanent Delegation of Egypt to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 09  
Fax: +33 1 47 83 41 87  
Email: dl.egypte@unesco-delegations.org

**Germany**

*Head of Delegation*

Mr Reinhard Hassenpflug  
Deputy Permanent Delegate, Permanent  
Delegation of the Federal Republic of Germany to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 53 83 46 61  
E-mail: v-unes@pari.auswaertiges-amt.de

*Members*

Mr Johannes Cullmann  
Director of German National Commission's  
Secretariat for UNESCO IHP  
IHP/HWRP – Secretariat  
Federal Institute of Hydrology (BfG)  
Am Mainzer Tor 1  
56068 Koblenz  
Tel: + 49 261 13 06 53 13  
Fax: + 49 261 13 06 54 22  
Email: cullmann@bafg.de

Mr Jens Streckert  
Chargé de mission, Permanent Delegation of the  
Federal Republic of Germany to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 53 83 46 45  
E-mail: pol-2-unes@pari.auswaertiges-amt.de

Mr Sören Dürr  
Permanent Delegation of the Federal Republic of  
Germany to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France

Mr Fritz Holzwarth  
Former German Water and Marine Director  
Chairperson, UNESCO-IHE Governing Board  
Mobile: +49 172 202 7042

Email: f-holzwarth@t-online.de

Mr Dietrich Borchardt  
Helmholtz-Zentrum für Umweltforschung GmbH  
(UFZ)  
Magdeburg

Mr Mathias Weiland  
Landesbetrieb für Hochwasserschutz und  
Wasserwirtschaft (LHW) Sachsen-Anhalt  
Magdeburg

#### **Greece**

Mr Margaritis Marios Vafeiadis  
Aristotle University of Thessaloniki  
Civil Engineering Department  
Hydraulics Laboratory  
54124 Thessaloniki  
Tel: +30 2310 995685  
Email: vmarios@civil.auth.gr

#### **Haiti**

Mr Joseph Astrel  
Directeur, Ministère de l'environnement  
Sols et écosystèmes  
No. 11, Pacot 4  
Port-au-Prince  
Tel: +509 36917050  
Email: astreljo@yahoo.fr

#### **Indonesia**

##### *Head of Delegation*

Mr Iskandar Zulkarnain  
Chairperson, IHP National Committee  
Deputy Chairman for Earth Sciences  
Indonesian Institute of Sciences  
Sasana Widya Sarwono  
Jl. Jenderal Gatot Subroto N° 10  
Jakarta 12710  
Tel: +62 21 5251850  
Fax: +62 21 5260804  
Email: iskandar.zulkarnain@lipi.go.id

##### *Members*

Mr Hery Harjono  
Executive Director  
Asia Pacific Centre for Ecohydrology (APCE)  
Cibinong Sciences Centre – LIPI  
Jl. Raya Bogor Km 46, Cibinong  
Email: hery.harjono@lipi.go.id

Mr Ignatius Sutapa  
Executive Secretary  
Asia Pacific Centre for Ecohydrology (APCE)  
Cibinong Science Centre and Botanical Garden  
Jl. Raya Jarkarta Bogor Km 46, Cibinong  
16911, Kab. Bogor, Jawa Barat  
Tel: +62 21 875 7071  
Fax: +62 21 875 7076  
Email: ignasd@ yahoo.co.id

## Japan

### *Head of Delegation*

Mr Kaoru Takara  
Chair, IHP National Committee  
Member-Professor, Disaster Prevention Research  
Institute (DPRI), Kyoto University  
Adjunct Professor, United Nations University (UNU)  
Gokasho, Uji, Kyoto 611-0011  
Tel: + 81 774 38 4125  
Fax: + 81 774 38 4130  
Email: takara.kaoru.7v@kyoto-u.ac.jp

### *Members*

Mr Yasuto Tachikawa  
Member, IHP National Committee  
Professor, Kyoto University  
C1 Katsura 4  
Nishikyo-ku Kyoto 615-8540  
Tel: +81 75 383 3362  
Fax: +81 75 383 3360  
Email: tachikawa@hywr.kuciv.kyoto-u.ac.jp

Mr Kuniyoshi Takeuchi  
Director, International Centre for Water Hazard and  
Risk Management (ICHARM)  
Minamihara 1-6  
Tsukuba 305-6516  
Tel: +81 29 879 0854  
Fax: +81 29 879 6709  
Email: kuni.t@pwri.go.jp

Mr Atsushi Suzuki  
Member, IHP National Committee  
Deputy Director, ICHARM  
Minamihara 1-6  
Tsukuba 305-6516  
Tel: +81 29 879 0815  
Fax: +81 29 879 6709  
Email: at-suzuki@pwri.go.jp

Mr Masahiko Murase  
Chief Researcher  
ICHARM  
Minamihara 1-6  
Tsukuba 305-6516  
Tel: +81 29 879 6817  
Fax: +81 29 879 6709  
Email: m-murase@pwri.go.jp

Mr Kosu Kadota  
Minister-Counsellor, Permanent Delegation of  
Japan to UNESCO  
100, avenue de Suffren  
75015 Paris, France  
Tel: +33 1 53 59 27 04  
Fax: +33 1 53 59 27 27  
Email: k.kadota.jp@unesco-delegations.org

Mr Taro Hokugo  
Counsellor, Permanent Delegation of Japan to  
UNESCO  
100, avenue de Suffren  
75015 Paris, France  
Tel: +33 1 53 59 27 33  
Fax: +33 1 53 59 27 27  
Email: t.hokugo.jp@unesco-delegations.org

## Kenya

### *Head of Delegation*

Mr Juma Chrispine Omondi  
Chief Principal Water Research Officer  
Ministry of Environment, Water and Natural  
Resources  
PO Box 49720 – 00100  
Ngong Road Nairobi  
Private PO Box 17010 – 00510  
Mobile: +254 722 791 230  
Email: cojuma2004@yahoo.com

### *Member*

Mr John Paul Oluoch  
Senior Research Assistant, Permanent Delegation  
of Kenya to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 32 81  
Fax: +33 1 44 49 08 58  
Email: j.oluoch.ke@unesco-delegations.org

## Kuwait

### *Head of Delegation*

Mr Muhammad Al-Rashed  
Executive Director, Water Research Centre (WRC)  
Kuwait Institute for Scientific Research (KISR)  
PO Box 24885 Safat  
13109 Kuwait City  
Tel: +965 24989310/1  
Fax: +965 24989309  
Email: mrashed@kisar.edu.kw  
edwrc@kisar.edu.kw

### *Members*

Mr Adnan Akber  
Director, Science and Technology Division  
Water Research Centre (WRC)  
Kuwait Institute for Scientific Research (KISR)  
PO Box 24885 Safat  
13109 Kuwait City  
Tel: +965 24989830/1  
Fax: +965 24989819  
Email: aakbar@kisar.edu.kw

Mr Muhammad Al-Shatti  
Deputy Permanent Delegate, Permanent  
Delegation of Kuwait to UNESCO  
UNESCO House  
1, rue Miollis

75732 Paris Cedex 15, France  
Tel: +33 1 45 68 26 67  
Email: m.alshatti.kw@unesco-delegations.org

### **Madagascar**

#### *Head of Delegation*

Ms Lucia Dorès Andriamanantena  
Ingénieure en hydraulique  
Assistante technique du Secrétaire général  
Ministère de l'Eau  
Ex Immeuble DAIEC  
Rue Tsiombikibo Ambohijatovo Ambony  
101 Antananarivo  
Tel: +32 02 109 20  
Email: ast.sg@mineau.gov.mg

#### *Members*

Mr Haugy Lahimasy  
Scientific Counsellor, Permanent Delegation of  
Madagascar to UNESCO  
40, rue du Général Foy  
75008 Paris, France  
Email: depamadu@wanadoo.fr

Ms Tianarivelo Razafimahefa  
Cultural Counsellor, Permanent Delegation of  
Madagascar to UNESCO  
40, rue du Général Foy  
75008 Paris  
France  
Tel: +33 1 42 93 34 77  
Email: depamadu@wanadoo.fr

### **Mali**

Ms Fatoumata Aissi-Camara  
Permanent Delegation of Mali to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 25 66  
Fax: +33 1 45 68 25 65  
Email: dl.mali@unesco-delegations.org

### **Mexico**

#### *Head of Delegation*

Mr David Korenfeld Federman  
Director-General  
National Water Commission of Mexico (CONAGUA)  
Avenida Insurgentes Sur 2416  
Col. Copilco El Bajo  
Del. Coyoacán  
C.P. 04030 México  
Tel: +55 5174 4461/62  
Email: david.korenfeld@conagua.gob.mx

#### *Members*

Mr Alberto Guitrón de los Reyes  
Mexican Institute of Water Technology (IMTA)

Vicepresidente Hidrología y Mecánica de Ríos  
Paseo Cuauhnáhuac # 8532  
CP 62550, Jiutepec, Morelos  
Tel: +52 777 329 36 00 ext 857  
Fax: +52 777 329 36 84  
Email: aguitron@tlaloc.imta.mx

Mr José Raúl Saavedra Horita  
Head, Hydrology Division, IMTA  
Paseo Cuauhnáhuac no. 8532 Col. Progreso  
Jiutepec Morelos  
CP 62550 México  
Tel: +52 777 320 8671  
Email: jose\_saavedra@tlaloc.imta.mx

Mr Roberto Olivares  
Director-General, National Association of Water  
and Sanitation Utilities of Mexico (ANEAS)  
Palenque 287, Col. Narvarte  
CP 03020 México  
Tel: +55 5543 6000/6005  
Email: Roberto.olivares@aneas.com.mx

Ms Claudia Esther Coria Bustos Pérez  
International Affairs Manager, CONAGUA  
Avenida Insurgentes Sur 2416  
Col. Copilco El Bajo  
Del. Coyoacán  
CP 04030 México  
Tel: +55 5174 4461/62  
Email: claudia.coria@conagua.gob.mx

Mr Victor Hugo Iglesias Pérez  
CONAGUA  
Avenida Insurgentes Sur 2416  
Col. Copilco El Bajo  
Del. Coyoacán  
CP 04030 México  
Tel: +55 5174 4461/62  
Email: victor.iglesias@conagua.gob.mx

Mr Alfonso Camarena Larriva  
CONAGUA  
Avenida Insurgentes Sur 2416  
Col. Copilco El Bajo  
Del. Coyoacán  
CP 04030 México  
Tel: +55 5174 4461/62  
Email: alfonso.camarena@conagua.gob.mx

Mr Victor Javier Bourguett Ortiz  
Vice-Chair, IHP National Committee  
Director-General, Mexican Institute of Water  
Technology (IMTA)  
Paseo Cuauhnáhuac no. 8532  
Col. Progreso Jiutepec, Morelos  
CP 62550 México  
Tel: +52 777 319 3742  
Fax: +52 777 319 3422  
Email: vbourgue@tlaloc.imta.mx

Mr Ricardo Sandoval Minero  
CONAGUA  
Avenida Insurgentes Sur 2416  
Col. Copilco El Bajo  
Del. Coyoacán  
C.P. 04030 México  
Tel: +55 5174 4461/62  
Email: internacional@conagua.gob.mx

Mr José Agustín Breña Naranjo  
CONAGUA  
Avenida Insurgentes Sur 2416  
Col. Copilco El Bajo  
Del. Coyoacán  
C.P. 04030 México  
Tel: +55 5174 4461/62  
Email: internacional@conagua.gob.mx

Mr Ismael Madrigal Monárrez  
Scientific Adviser, Permanent Delegation of Mexico  
to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 87  
Email: i.madrigal-monarrez.mx@unesco-  
delegations.org

### **Mongolia**

*Head of Delegation*  
Ms Onon Sodov  
Minister-Counsellor (UNESCO Affairs)  
Permanent Delegation of Mongolia to UNESCO  
5 avenue Robert Schuman  
92100 Boulogne-Billancourt, France  
Tel: +33 1 46 05 28 12  
Fax: +33 1 46 05 30 16  
Email: onon@ambassademongolie.fr

### **Namibia**

*Head of Delegation*  
Ms Paulina Florence Mufeti  
Focal Point, IHP National Committee  
Acting Deputy Director, Ministry of Agriculture,  
Water and Forestry  
Government Office Park  
Luther Street, Windhoek  
Tel: +264 61 208 7191  
Fax: +264 61 208 7256  
Email: mufetip@mawf.gov.na  
pmufeti@yahoo.com

### *Members*

Mr Ferdinand Katire  
Private Bag 13186  
Windhoek  
Tel: +264 61 293 3317  
Fax: +264 61 293 3580  
Email: Ferdinand.katire@moe.gov.na

Ms Victoria Tuwilika Shifidi  
Government Office Park  
Private Bag 13184  
Windhoek  
Tel: +264 61 208 7250  
Fax: +264 61 208 7256  
Email: vtshifidi@mawf.gov.na  
Vtuwilika8@gmail.com

### **Netherlands**

*Head of Delegation*  
Mr Stein van Oosteren  
Attaché, Permanent Delegation of the Kingdom of  
the Netherlands to UNESCO  
7 rue Eblé  
75007 Paris, France  
Tel: +33 1 40 62 33 36  
Fax: +33 1 40 62 34 60  
E-mail: stein-van.oosteren@minbuza.nl

### *Members*

Ms Andrea van der Kerk  
Secretary, Netherlands National IHP-HWRP  
Committee  
Nicolaas Maesstraat 118-b  
1071 RH Amsterdam  
Tel: +31 6 1449 4113  
Email: ihp.hwrp@unesco.nl

Ms Rozemarijn ter Horst  
Secretary, Netherlands National IHP-HWRP  
Committee  
Kanaalstraat 103 a  
1054 XC Amsterdam  
Tel: +31 4982 6671  
Email: ihp.hwrp@unesco.nl

Ms Diana Hamidzai  
Permanent Delegation of the Kingdom of the  
Netherlands to UNESCO  
7 rue Eblé  
75007 Paris, France  
Tel.: +33 6 55 16 49 96  
Email: diana.hamidzai@minbuza.nl

### **Oman**

*Head of Delegation*  
Mr Said Nasser Al Habsi  
Director-General, Water Resources Assessment  
Ministry of Regional Municipalities and Water  
Resources  
Tel: +96892660219  
Fax: +968 24698623  
Email: saidalhabsi66@gmail.com

### *Member*

Mr Wafa Haj Ahmed Al Mahri  
International Relations Specialist  
Muscat  
Tel: +968 99499426

Fax: +968 24 759 494  
Email: wafaa39@moe.om

### **Pakistan**

Mr Omar Muhammad  
Third Secretary, Permanent Delegation of Pakistan  
to UNESCO  
UNESCO House  
Tel: +33 1 45 68 30 77  
Fax: +33 1 45 66 62 15  
Email: dl.pakistan@unesco-delegations.org

### **Poland**

Mr Maciej Zalewski  
Focal Point, IHP National Committee  
3 Tylina Street  
90-364 Lodz  
Email: m.zalewski@erce.unesco.lodz.pl

### **Republic of Korea**

#### *Head of Delegation*

Ms Hye-ran Yoo  
Deputy Permanent Delegate, Permanent  
Delegation of the Republic of Korea to UNESCO  
Tour Montparnasse, Room 607  
33 avenue du Maine  
75015 Paris, France  
Tel: +33 1 44 10 24 00  
Fax: +33 1 43 35 38 24  
Email: hr.yoo.kr@unesco-delegations.org

#### *Members*

Mr Soontak Lee  
Chair, IHP National Committee  
Yeungnam University  
487-1 Daemyung 9 Dong Namgu  
705-804 Daegu  
Tel: +82 53 656 2525  
Fax: +82 53 656 2580  
Email: leest@yu.ac.kr  
soontaklee@hanafos.com

Mr Sang-kyoo Kang  
Attaché, Permanent Delegation of the Republic of  
Korea to UNESCO  
Tour Montparnasse, Room 607  
33 avenue du Maine  
75015 Paris, France  
Tel: +33 1 44 10 24 00  
Fax: +33 1 43 35 38 24  
Email: sk.kang.kr@unesco-delegations.org

Ms Jinju Han  
Researcher, Permanent Delegation of the Republic  
of Korea to UNESCO  
Tour Montparnasse, Room 607  
33 avenue du Maine  
75015 Paris, France

Tel: +33 1 44 10 24 00  
Fax: +33 1 43 35 38 24  
Email: ji.han.kr@unesco-delegations.org

Mr Hojun Lee  
Deputy Director, Ministry of Land, Infrastructure and  
Transport  
11, Doum-ro 6, Sejong Special Self-governing City  
339-012  
Tel: +82 44 201 4821  
Fax: +82 44 201 5558  
Email: gotwelve@naver.com

Mr Suwon Lee  
Deputy Director, National Committee for the 7<sup>th</sup>  
World Water Forum  
Gusan Tower 14 Floor  
91 Bangbaecheon-ro, Seocho-gu  
Seoul 137-967  
Tel: +82 2 6009 9426  
Fax: +82 2 6009 9499  
Email: suwonlee@korea.kr

Mr Joong Hoon Kim  
Professor, Korea University  
School of Civil, Environmental and Architectural  
Engineering  
Seoul 136-713  
Tel: +82 2 3290 3316  
Fax: +82 2 928 7656  
Email: jaykim@korea.ac.kr

Mr Seungho Lee  
Professor, Korea University  
Graduate School of International Studies  
Seoul 136-701  
Tel: +82 1 3290 2426  
Fax: +82 2 929 0402  
Email: seungholee@korea.ac.kr

Mr Won-Sil Kim  
Director-General, K-Water  
125, 1689beon-gil  
Yuseong-daero, Yuseong-gu  
Daejeon 305-730  
Tel: +82 42 870 7302  
Fax: +82 42 870 7349  
Email: kimws@kwater.or.kr

Mr Jeongyup Kim  
Deputy Director, IHP National Committee  
115, Singwan-Dong, Gongju-Si  
Chungnam 314-802  
Tel: +82 41 851 0523  
Fax: +82 41 852 1078  
Email: cnujykim@korea.kr

## Russian Federation

### *Head of Delegation*

Ms Marina Seliverstova  
Head, Federal Agency for Water Resources  
8-1, Kedrova str.  
Moscow 117292  
Tel: +7 499 124 18 33  
Fax: +7 499 124 28 88  
Email: msassistant@favr.ru

### *Members*

Ms Nikita Sikachev  
Counsellor, Permanent Delegation of the Russian  
Federation to UNESCO  
8, rue de Prony  
75017 Paris, France  
Tel: +33 1 42 12 84 30  
Email: nskikachev@mail.ru

Mr Vladimir Georgievsky  
Director, State Hydrological Institute  
Vice-President, IHP National Committee  
23, 2 Liniya  
St. Petersburg 199053  
Tel: +7 812 323 35 17  
Fax: +7 812 323 10 28  
E-mail: ishiklom@zb3627.spb.edu

Mr Mikhail Bolgov  
Deputy Director, Water Problems Institute of the  
Russian Academy of Sciences  
Gubkin Street 3  
IWP RAN  
Moscow 119333  
Tel: +7 499 135 04 06  
Fax: +7 499 135 54 15  
Email: bolgovmv@mail.ru

Ms Jeanna Balonishnikova  
Scientific Secretary, State Hydrological Institute  
23, 2 Liniya  
St. Petersburg 199053  
Tel: +7 812 323 01 14  
Fax: +7 812 323 10 28  
E-mail: ishiklom@zb3627.spb.edu

Ms Olga V. Gorelits  
Executive Secretary, IHP National Committee  
Senior Research Scientist, Zubov State  
Oceanographic Institute  
6 Kropotkinsky per.  
Moscow 119034  
Tel: +7 499 246 64 48  
Fax: +7 499 246 72 88  
Email: gorelits@mail.ru

Ms Ksenia Shumeiko  
Translator, Federal Agency for Water Resources  
8-1, Kedrova str.  
Moscow 117292  
Tel: +7 499 124 53 13

Fax: +7 499 124 22 36  
Email: water@favr.ru

## Slovenia

Mr Mitja Brilly  
Chair, IHP National Committee  
Professor, University of Ljubljana, Faculty of Civil  
Engineering and Geodesy  
Jamova 2, 1000 Ljubljana  
Tel: +38614253324  
Fax: +386 1 2519897  
Email: mbrilly@fgg.uni-lj.si

## Sudan

### *Head of Delegation*

Mr Abdalla Abdelsalam Ahmed  
Director-General, UNESCO Chair in Water  
Resources (UNESCO-CWR)  
PO Box 1244  
Khartoum 11111  
Tel: +249 183 779599/ 786770/ 776884  
Fax: +249 183 797 758  
Email: ucwr@ucwr-sd.org;  
aaahmed55@yahoo.co.uk

### *Members*

Mr Jamal Murtadha Abda  
Director of Water Research, University of Khartoum

Mr Seifeldin Hamad Abdalla  
Chair, IHP National Committee  
Chair, Water Resources Technical Organ  
Ministry of Water Resources and Electricity  
PO Box 878, Nile Avenue  
Khartoum  
Email: seifeldin\_eltwaim@yahoo.com

Mr Ahmed El Hassan El Tayeb  
Director, Regional Centre on Capacity  
Development and Research in Water Harvesting  
c/o National Training of the Public Water  
Corporation  
Khartoum  
Email: ahmed\_eltayeb2000@yahoo.com

## Sweden

### *Head of Delegation*

Ms Marie-Hélène Ahnborg  
Deputy Permanent Delegate, Permanent  
Delegation of Sweden to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 51  
E-mail: marie-helene.ahnborg@gov.se

*Members*

Ms Therese Sjömander Magnusson  
Director, Transboundary Water Management  
Stockholm International Water Institute (SIWI)  
Tel: +46 8 12136082  
E-mail: therese.sjomander-magnusson@siwi.org

Ms Julia Lodén  
Attaché, Permanent Delegation of Sweden to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Mobile: +33 6 46 32 26 56  
Email: julia.loden@gov.se

**Switzerland**

*Head of Delegation*

Mr Jean-Frédéric Jauslin  
Ambassador, Permanent Delegate  
Permanent Delegation of Switzerland to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 96  
Email: dl.switzerland@unesco-delegations.org

*Members*

Mr Dominique Bérod  
Chef de la Division Hydrologie  
Office fédéral de l'environnement (OFEV)  
3003 Bern  
Tel: +41 58 464 76 67  
Fax: +41 58 464 76 81  
Email: dominique.berod@bafu.admin.ch

Ms Ivana Wagner  
Deputy Permanent Delegate, Permanent  
Delegation of Switzerland to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 96  
Email: dl.switzerland@unesco-delegations.org

Ms Nathalie Rizzotti  
Programme manager, Global programme water  
initiatives, Federal Department of Foreign Affairs  
3003 Bern  
Tel: +41 58 462 38 30  
Email: Nathalie.rizzotti@eda.admin.ch

**Syrian Arab Republic**

Ms Lamia Chakkour  
Ambassador, Permanent Delegate  
Permanent Delegation of the Syrian Arab Republic  
to UNESCO  
UNESCO House  
1, rue Miollis

75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 97  
Fax: +33 1 43 06 05 44  
Email: dl.syrie@unesco-delegations.org

**Turkey**

*Head of Delegation*

Mr Murat Ali Hatipoglu  
National Focal Point of IHP in Turkey  
DSI Genel Müdürlüğü Yücepete  
06100 Ankara  
Tel: +90 312 4183406  
Fax: +90 312 419 3816  
Email: mhatipoglu@dsi.gov.tr

*Members*

Mr Tugcehan Fikret Girayhan  
Deputy Expert, Civil Engineer  
Ministry of Forestry and Water Affairs  
General Directorate of Water Management  
Sögütözü Avenue 14/E  
Ankara  
Tel: +90 312 207 5276/ 555 340 4387  
Email: tgirayhan@ormansu.gov.tr

Mr Mehmet Ekmekci  
Professor, Hacettepe University  
Turkish National Commission for UNESCO  
Reşit Galip Cad. Hereke Sok. No:10  
G.O.P. Ankara  
Tel: +90 312 297 6725  
Fax: +90 312 299 2136  
Email: ekmekci@hacettepe.edu.tr

Ms Esra Dogan Grajower  
Counsellor, Deputy Permanent Delegate  
Permanent Delegation of Turkey to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 27 18  
Email: esra.dogan@mfa.gov.tr

Ms Simla Yasemin Ozkaya  
Technical Counsellor  
Permanent Delegation of Turkey to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 27 34  
Email: simlaoz@mfa.gov.tr

**United Kingdom of Great Britain and Northern  
Ireland**

*Head of Delegation*

Mr Alan Jenkins  
Chairperson, IHP National Committee  
Professor, Centre for Ecology and Hydrology  
Maclean Building



Benson Lane, Crowmarsh Gifford, Wallingford  
Oxfordshire, OX10 8BB  
Tel: +44 1491 692440  
Fax: +44 1491 692979  
Email: jinx@ceh.ac.uk

*Member*

Mr Harry Dixon  
Secretary, IHP National Committee  
Centre for Ecology and Hydrology  
Maclean Building  
Benson Lane, Crowmarsh Gifford, Wallingford  
Oxfordshire, OX10 8BB  
Tel: +44 1491 692254  
Fax: +44 1491 692424  
Email: harr@ceh.ac.uk

**Uruguay**

*Head of Delegation*

Mr Omar Mesa  
Ambassador, Permanent Delegate  
Permanent Delegation of Uruguay to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 70  
Fax: +33 1 42 73 31 52  
Email: dl.uruguay@unesco-delegations.org

*Members*

Ms Mariella Crosta  
Deputy Permanent Delegate  
Permanent Delegation of Uruguay to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 70  
Fax: +33 1 42 73 31 52  
Email: dl.uruguay@unesco-delegations.org

Mr Pedro Keuroglian  
Minister Counsellor, Permanent Delegation of  
Uruguay to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 70  
Fax: +33 1 42 73 31 52  
Email: dl.uruguay@unesco-delegations.org

Mr Santiago Wins  
Counsellor  
Ministerio de relaciones exteriores  
Colonia 1206, piso 6  
Montevideo CP 11100  
Tel: +5982 9022134

**Yemen**

Mr Ahmed Sayyad  
Ambassador, Permanent Delegate  
Permanent Delegation of Yemen to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 25  
Fax: +33 1 45 66 01 51  
Email: dl.yemen@unesco-delegations.org

**II. OBSERVERS (MEMBERS OF MEMBER STATES NOT MEMBERS OF THE COUNCIL)**

**Algeria**

Mr Ould Amara Arezki  
Directeur de l'unité de recherche  
40 avenue Mohammedi Bir Mourad Rais  
Alger  
Tel: +213 21 54 25 58  
Fax: +213 21 54 27 31  
Email: anrh@anrh.dz

Mr Said Khelifi  
Permanent Delegation of Algeria to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 29 68  
Fax: +33 1 42 19 09 56  
Email: said\_khelifi@yahoo.fr

**Angola**

Mr Pascoal de Campos  
Ministerio da ciencia e tecnologia  
Avenida Lenin  
Luanda  
Tel: +244 931 989 101  
Email: micolo.campos@gmail.com

Mr Luis Miguel Gabriel  
National Director of Innovation and Technological  
Development, Ministerio da ciencia e tecnologia  
Avenida Lenin  
Luanda  
Tel: +244 925 301 125  
Email: gabrielmig@gmail.com

**Argentina**

Mr Miguel Angel Estrella  
Ambassador, Permanent Delegate  
Permanent Delegation of Argentina to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France

Tel: +33 1 45 68 34 42  
Email: dl.argentina@unesco-delegations.org

Mr Alejandro Funes-Lastra  
Counsellor  
Permanent Delegation of Argentina to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 17  
Email: a.funes-lastra.ar@unesco-delegations.org

Ms Morgane Le Flohic  
Attachée administrative  
Permanent Delegation of Argentina to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 38  
Email: m.le-flohic.ar@unesco-delegations.org

#### **Armenia**

Mr Harutyun Eremyan  
Chief Specialist, Hydrological Monitoring Centre  
3<sup>rd</sup> Government Building  
Republic Square  
0010 Yerevan  
Tel: +37 41 05 85349  
Fax: +37 41 05 85 469  
Email: interdpt@yahoo.com

#### **Austria**

Mr Helmut Habersack  
Professor, BOKU University of Natural Resources  
and Life Sciences  
Muthgasdse 107  
1190 Vienna  
Tel: +43 664 1313 874  
Fax: +43 318 9900 149  
Email: helmut.habersack@boku.ac.at

Mr Lukas Schemper  
Graduate Institute of International and Development  
Studies (IHEID),  
20-22, Avenue de France  
1202 Geneva  
Switzerland  
Tel: +47 788 845 064  
Email: lukas.schemper@iheid.ch

#### **Belgium**

Mr Marnik Vanclooster  
Chair, IHP National Committee  
Croix du Sud 2, BP2  
1348 Louvain-la-Neuve  
Tel: +32 10 47 10  
Email: marnik.vanclooster@uclouvain.be

Mr Willy Bauwens  
Vice-Chair, IHP National Committee  
Vrije Universiteit Brussel  
Pleinlaan 2  
1050 Brussels  
Tel: +32 2 629 30 38  
Email: wbauwens@vub.ac.be

Mr Rudy Hermann  
Department of Economy, Science and Innovation  
Flanders Authority  
Tel: +32 2553 6001  
Email: rudy.herman@ewi.wlaanderen.be

#### **Benin**

Mr Agnidé Emmanuel Lawin  
Enseignant, Chercheur  
Faculté des sciences et techniques  
BP 526 RP Cotonou  
Tel: +229 97 58 18 09/ 94 50 10 06  
Email: ewaari@yahoo.fr

Mr Léonce Firmin Comlan Dovonon  
Directeur de l'information sur l'eau, Direction  
générale de l'eau  
01 BP 385 Cotonou  
Tel: +229 94 47 95 20/ 98 23 71 80  
Email: leoncedovonon@yahoo.fr

Mr Safiri Ibouaïma  
Conseiller technique aux ressources en eau du  
ministre en charge de l'eau du Bénin  
04 BP 1412 Cotonou  
Tel: +229 95 06 69 24  
Email: safiribouraima@hotmail.com

Mr Abioyé Pierre Akpona  
First Counsellor, Permanent Delegation of Benin to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 30 87  
Mobile: +33 7 51 25 67 40  
Email: abioy2002@yahoo.fr

#### **Bulgaria**

Mr Plamen Ilieva Ninov  
Head, IHP National Committee  
1748 Sofia  
Tzarigradsko Shosse 66  
Nimh-Bas  
Tel: +359 885 44 04 95  
Fax: +359 988 03 80  
Email: plamen.ninov@meteo.bg

## Canada

Mr Fred Wrona  
Senior Science Strategist, Science and Technology  
Branch, Environment Canada  
PO Box 3060, STN CSC  
Tel: +1 250 363 8901  
Fax: +1 250 363 3455  
Email: fred.wrona@ec.gc.ca

Mr Dominique Levasseur  
Senior Programme Officer, Permanent Delegation  
of Canada to UNESCO  
5 rue Constantine  
75007 Paris, France  
Tel: +33 1 44 43 25 73  
Email: dominique.levasseur@international.gc.ca

## Central African Republic

Mr Patrick Prosper Poune  
Directeur de l'Éducation préscolaire, des  
enseignements fondamentaux 1 et 2  
Ministère de l'Éducation nationale, de  
l'Enseignement supérieur et de la Recherche  
scientifique  
Tel: +236 61 08 38/+236 75 051026  
Fax: +236 61 21 48 81  
Email: pat\_poune@yahoo.fr

Ms Olga Blanche Biteman Mobili  
Laboratoire hydrosociences Lavoisier  
Chaire UNESCO  
Université de Bangui  
Tel: +236 21 61 50 00  
Fax: +236 21 61 78 90  
Email: bomobili@yahoo.fr

## Colombia

Ms Juliana Isabel Angulo Morales  
Counsellor, Permanent Delegation of Colombia to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 28 74  
Email: ji.angulo.co@unesco-delegations.org

## Congo

Mr Joachim Mandavo  
Second Counsellor, Permanent Delegation of  
Congo to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 32 60  
Email: dl.congo@unesco-delegations.org

## Costa Rica

Mr Jacques Sagot  
Ambassador, Permanent Delegate  
Permanent Delegation of Costa Rica to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 25 72  
Fax: +33 1 45 68 25 74  
Email: dl.costarica@unesco-delegations.org

Ms Miroslava Barrantes  
Deputy Delegate, Permanent Delegation of Costa  
Rica to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 25 72  
Fax: +33 1 45 68 25 74  
Email: dl.costarica@unesco-delegations.org

## Cuba

Ms Alicia González Gutiérrez  
Chargée d'Affaires a.i., Permanent Delegation of  
Cuba to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel.: +33 1 45 68 34 13  
Email: a-gonzalez-gutierrez@unesco-  
delegations.org

## Cyprus

Ms Photini Panayi  
Deputy Permanent Delegate, Permanent  
Delegation of Cyprus to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 64  
Fax: +33 1 45 68 34 67  
Email: p.panayi@unesco-delegations.org

Ms Demetra Hadjiyannis  
Intern, Permanent Delegation of Cyprus to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Email: demetra\_hadjiyannis@hotmail.com

Ms Maria Sarra  
Intern, Permanent Delegation of Cyprus to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Email: mariasarra@hotmail.com

### **Czech Republic**

Mr Ondrej Ledvinka  
Czech Hydrometeorological Institute  
Hydrology Division  
Hydrological Database & Water Balance  
Na Sabatce 2050/17  
143 06 Prague 412-Komorany  
Tel: +420 24403 2364  
Email: ledvinka@chmi.cz

Mr Jan Danhelka  
Czech Hydrometeorological Institute  
Hydrology Division  
Na Sabatce 2050/17  
143 06 Prague 412-Komorany  
Tel: +420 24403 2300  
Fax: +420 24403 2342  
Email: danhelka@chmi.cz

### **Democratic Republic of the Congo**

Mr Lazare Liema Ibongo-Botie  
Secrétaire permanent, National Commission for  
UNESCO  
6, avenue des Ambassadeurs  
BP 14 Kinshasa/Gombe, GC  
Tel: +243 81 52 15 567  
Email: natcomrdc@gmail.com

Mr Mbulo Hingel Nsengambo  
Chef de Division, Secteur des sciences exactes et  
naturelles  
National Commission for UNESCO  
6, avenue des Ambassadeurs  
BP 14 Kinshasa/Gombe, GC  
Tel: +243 81 2980967  
Email: dsengambo@gmail.com

Mr Apollinaire Nkuli Ilongo Lokeli  
Consultant  
Avenue Mbuji Mayi 18A  
Kinshasa, Ngaliema  
Tel: +243 811 446484  
Email: apollinaire.nkuli@gmail.com

Mr Joachim Mandavo  
Tel: +33 6 59 63 44 91  
Email: jmandavo@yahoo.fr

### **Ecuador**

Ms Maria Elena Moreira  
Deputy Permanent Delegate, Permanent  
Delegation of Ecuador to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 03  
Email: me.moreira-velasquez.ec@unesco-  
delegations.org

### **Equatorial Guinea**

Mr Andres Mba Obama Ayang  
Malabo, Buena Esperanza 0-71  
Tel: +240 222218099  
Email: ambaobamaa@yahoo.es

Ms Soledad Nda Bikoro Obono  
Malabo Santa Maria II  
Tel.: +242 22047929  
Email: ndabikoro@hotmail.com

### **El Salvador**

Ms Lorena Sol de Pool  
Ambassador, Permanent Delegate  
Permanent Delegation of El Salvador to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 02  
Fax: +33 1 47 34 41 86  
Email: dl.el-salvador@unesco.org

Ms Nanette Viaud Desroches  
Counsellor, Deputy Permanent Delegate  
Permanent Delegation of El Salvador to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 19  
Fax: +33 1 47 34 41 86  
Email: dl.el-salvador@unesco.org

### **Ethiopia**

Mr Yohannes Zerihoun  
Ecohydrology Expert, Ministry of Wate and Energy  
Addis Abeba  
Email: yhnns\_zerihun@yahoo.com

Mr Mitiku Haile  
Deputy Permanent Delegate, Permanent  
Delegation of Ethiopia to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 62  
Email: gnalmitiku@yahoo.com

### **France**

Ms Marine Anastas  
Permanent Delegation of France to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 43 17 56 37

Ms Maria Suescun  
33, rue Louise Weiss

75013 Paris  
Tel: +33 1 75 50 82 66  
Email: olsuescun@yahoo.fr

#### **Gabon**

Ms Adeline Agier Mouenidiambou  
Judicial Counsellor, Permanent Delegation of  
Gabon to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 44  
Email: adelineagier@yahoo.fr

#### **Guatemala**

Mr Marco Tulio Chicas Sosa  
Ambassador, Permanent Delegate  
Permanent Delegation of Guatemala to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 29 09  
Email: dl.guatemala@unesco-delegations.org

Mr Ricardo Enriquez  
Third Secretary, Permanent Delegation of  
Guatemala to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 42 27 78 63  
Email: dl.guatemala@unesco-delegations.org

Mr Demet Basaran Bethancourt  
Permanent Delegation of Guatemala to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 29 09  
Email: dl.guatemala@unesco-delegations.org

#### **Guinea**

Mr Idrissa Thiam  
Minister, Ministry of Energy and Hydraulics  
Quartier Almamya,  
Commune de Kaloum  
BP 1217 Conakry  
Tel: +224 628 95 83 91  
Email: idrissathiam1er@yahoo.com

Mr Ismaël Dia  
Conseiller chargé de l'Eau, Ministry of Energy and  
Hydraulics  
Quartier Almamya,  
Commune de Kaloum  
BP 1217 Conakry  
Tel: +224 628 21 35 68  
Email: ismaeldia@hotmail.com

#### **India**

Mr Vijay Kumar  
Director, Ministry of Earth Sciences,  
Prithvi Bhawan (Opp. India Habitat Centre)  
Lodhi Road  
New Delhi 110 003  
Email: vijay.kumar66@nic.in

#### **Iran**

Mr Mohammad Riahi  
Advisor to the Deputy Minister of Energy  
Niayesh Highway Kordistan Cross Road  
Ministry of Energy Headquarter  
Tehran  
Tel: +98 21 816 06300  
Fax: +98 21 81606304  
Email: riahi\_moh@yahoo.com

Mr Homayoun Motiee  
Director, Regional Centre on Urban Water  
Management (RCUWM)  
1, Shahrzad Alley, Kargozar Street  
Dastgerdi (Zafar) Avenue, Modares Highway  
Tehran  
Tel/Fax: +98 21 22911027/8  
Email: motiee@rcuwm.org.ir

Mr Hossein Ghafari  
Director, International Centre on Qanats and  
Historic Hydraulic Structures (ICQHS)  
Mojtameh Edarat, Daneshjoo Blvd  
8916188116 Yazd  
Tel: +98 351 8250553  
Fax: +98 351 8241690  
Email: ghafari@icqhs.org

Mr Akbar Rezaei  
Counsellor, Permanent Delegation of Iran to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 30 99  
Email: a.rezaei.ir@unesco-delegations.org

#### **Iraq**

Mr Munadhil Fadhil Abbas Al-Mahdawi  
Water Resources Expert, Ministry of Water  
Resources  
Palestine Street  
Baghdad  
Tel: +964 77 02 88 51 32  
Email: mahdawi14@yahoo.com

#### **Ireland**

Mr Neal Saunier  
Permanent Delegation of Ireland to UNESCO  
12, Avenue Foch

75016 Paris, France  
Email: neal.saunier@dfa.ie

### **Israel**

Mr Daniel Ronen  
Chairperson, IHP National Committee  
Israel National Commission for UNESCO  
Israel Water Authority  
14 Hamasger St.  
PO Box 20365  
IL- 61203 Tel Aviv  
Tel: +972 363 69648  
Mobile: +972 506 221 295  
Email: danronen@bgu.ac.il

### **Italy**

Mr Lucio Ubertini  
Chair, IHP National Committee  
Professor, Sapienza Università di Roma  
Via Eudossiana 18  
00184 Roma  
Tel: +39 34 80 82 62 00  
Email: lucio.ubertini@uniroma1.it

Mr Salvatore Grimaldi  
Professor, University of Tuscia  
Department GEMINI  
Via San Camillo de Lellis, snc  
01100 Viterbo  
Tel: +39 32 04 27 1486  
Email: salvatore.grimaldi@unitus.it

Mr Eugenio Poti  
First Secretary, Permanent Delegation of Italy to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 31 15  
Fax: +33 1 45 66 41 78  
Email: e.poti.it@unesco-delegations.org

### **Kazakhstan**

Mr Igor Severskiy  
Chairperson, IHP National Committee  
59, rue Pierre Charron  
75008 Paris, France  
Tel: +33 1 42 25 09 00  
Email: unesco@mfa.kz

### **Lebanon**

Ms Yara El Khoury  
59 rue Boissière  
75116 Paris, France  
Tel: +33 6 88 81 11 19  
Email: yaragelkhoury@gmail.com

### **Libya**

Mr Iyad Aflak  
Counsellor, Permanent Delegation of Lybia to  
UNESCO  
UNESCO House  
1, rue Miollis, 75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 35  
Email: i.aflak.ly@unesco-delegations.org  
iyadaflak@hotmail.com

### **Malaysia**

Mr Mohd Zulkifli Bin Mohammed  
Ambassador, Permanent Delegate  
Permanent Delegation of Malaysia to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 73  
Fax: +33 1 42 73 33 52  
Email: dl.malaysia@unesco-delegations.org

Mrs Wan Ummul Fathanah Binti Wan Mohd Noor  
Deputy Permanent Delegate  
Permanent Delegation of Malaysia to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 34 74  
Fax: +33 1 42 73 33 52  
Email: w.ummul-fathanah.my@unesco-  
delegations.org

### **Morocco**

Mr El Mansouri Bouabid  
University Ibn Tofail, Faculty of Sciences,  
Hydroinformatic Section  
Maamora Campus, 133  
BP 242, 14000 Kénitra  
Tel: +212 6 64 65 28 66  
Email: b\_elmansouri@yahoo.fr

### **Nicaragua**

Ms Sylvia Celina Miranda Paniagua  
Counsellor, Deputy Permanent Delegate  
Permanent Delegation of Nicaragua to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 29 10  
Email: dl.nicaragua@unesco-delegations.org

### **Niger**

Mr Ousmane Ali Bouka  
First Secretary, Permanent Delegation of Niger to  
UNESCO  
UNESCO House

1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 25 68  
Fax: +33 1 45 68 25 69  
Email: aliboukaro@yahoo.fr

Mr Diori Aboukar  
Chargé des programmes, Permanent Delegation of  
Niger to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 25 68  
Fax: +33 1 45 68 25 69  
Email: abouk3@yahoo.fr

Ms Aminatou Agada  
First Counsellor, Permanent Delegation of Niger to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 25 68  
Fax: +33 1 45 68 25 69  
Email: amina3190.agada@yahoo.fr

#### **Nigeria**

Mr Moses Oluwatoyin Beckley  
Nigeria Hydrological Services Agency  
(Federal Ministry of Water Resources)  
Utako District  
Abuja  
Tel: +234 80 9897 5519  
Email: moses.beckley@yahoo.com

Mr John Ayoade Shamonda  
Director-General  
Nigerian Hydrological Services Agency  
P.M.B. 288, Area 10 Post Office  
Utako District  
Abuja  
Tel: +234 80 3315 6354  
Email: jashamo@hotmail.com

Mr Patrick Okafor  
Deputy Permanent Delegate, Permanent  
Delegation of Nigeria to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 27 27  
Email: dl.nigeria@unesco-delegations.org

#### **Norway**

Ms Torill Engen-Skaugen  
Special Member, Research Council of Norway  
PO Box 2700 St. Hanshaugen  
0131 Oslo  
Tel: +47 93 08 16 71  
Email: tens@forskningsradet.no

M Hege Hisdal  
Section Head, Norwegian Water Resources and  
Energy Directorate  
PO Box 5091 Majorstua  
0301 Oslo  
Tel: +47 22 95 91 33  
Email: hhi@nve.no

#### **Palestine**

Mr Pierre Cavelan  
Permanent Delegation of Palestine to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 39  
Fax: +33 1 45 68 33 40  
Email: dl.palestine@unesco-delegations.org

Mr Belés Azarola  
Permanent Delegation of Palestine to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 33 54  
Email: dl.palestine@unesco-delegations.org

#### **Paraguay**

Mr Sila Antonio Estigarriba Caceres  
Counsellor, Permanent Delegation of Paraguay to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 28 53  
Email: dl.paraguay@unesco-delegations.org  
sestigarribia@mre.gov.py

Ms Alma Mujica  
Legal Advisor, Permanent Delegation of Paraguay  
to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 28 51  
Mobile: +33 6 81 70 76 21  
Email: a.mujica@unesco-delegations.org

Mr Moises Agustin Ayala Dominguez  
Coordinator, International Hydroinformatics Centre  
Laboratorio de Hidraulica  
km 15 ½, Bloque A, Hernandarias  
Departamento de Alto Paraná  
Paraguay  
Tel: +595 61 599 8240  
Email: moises@itaipu.gov.py  
maa\_001@outlook.com

**Peru**

Email: [miklanek@uh.savba.sk](mailto:miklanek@uh.savba.sk)

Ms Leyla Bartet  
Cultural Attaché, Permanent Delegation of Peru to  
UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 29 32  
Email: [leylabartet@noos.fr](mailto:leylabartet@noos.fr)  
[l.bartet.pe@unesco-delegations.org](mailto:l.bartet.pe@unesco-delegations.org)

**Portugal**

Ms Teresa Salado  
Attachée technique, Permanent Delegation of  
Portugal to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 30 58  
Email: [t.salado@unesco.org](mailto:t.salado@unesco.org)

**Serbia**

Mr Jovan Despotovic  
President, IHP National Committee  
Professor, Belgrade Univesity, Faculty of Civil  
Engineering  
Boulevard of the King Alexander 73  
11000 Belgrade  
Tel: +381 11 337 00 99  
Fax: +381 11 337 02 06  
Email: [jdespotovic@grf.bg.ac.rs](mailto:jdespotovic@grf.bg.ac.rs)

Mr Milan Dimkic  
Director-General, Institute for the Development of  
Water Resources “Jaroslav Cerni”  
Jaroslava Cernog 80  
11226 Belgrade  
Tel: +11 390 64 62  
Fax: +11 390 64 81  
Email: [jdjcerni@eunet.rs](mailto:jdjcerni@eunet.rs)

Mr Nikola Zlatanovic  
Research Engineer, Institute for the Development  
of Water Resources “Jaroslav Cerni”  
Department for Torrent and Erosion Control  
Jaroslava Cernog 80  
11226 Belgrade  
Tel: +381 11 391 6461  
Email: [nikola.zlatanovic@jcerni.co.rs](mailto:nikola.zlatanovic@jcerni.co.rs)

**Slovakia**

Mr Pavol Miklanek  
President, IHP National Committee  
Institute of Hydrology SAS  
Racianska 75 831 02 Bratislava  
Tel: +421 2 44259311  
Fax: +421 2 44259311



## South Africa

Mr Ramogale Sekwele  
Department of Water Affairs (DWA)  
Private Bag X313, Pretoria  
Emanzini 427  
Tel: +27 12 336 8867  
Email: sekweler@dwa.gov.za

Ms Deborah Mochotlhi  
Department of Water Affairs (DWA)  
Private Bag X313, Pretoria  
Emanzini 427  
Tel: +27 12 336 7255  
Email: mocholhid@dwa.gov.za

Mr Henry Roman  
Private Bag X894  
Pretoria 0001  
Tel: +27 12 843 6434  
Email: henry.roman@dst.gov.za

## Thailand

Mrs Supranee Jongdeepaisarl  
Program Director for Public Well-Being  
14<sup>th</sup> floor, SM Tower 979/17-21 Phaholyothin Road  
Samsaen-nai Phayathai  
Bangkok 10400  
Tel: +661 278 8230  
Fax: +662 278 8225  
Email: supranee@trf.or.th

Mr Sucharit Koontanakulvong  
Head, Department of Water Resources Engineering  
Faculty of Engineering  
Chulalongkon University  
Phayathai  
Bangkok 10400  
Tel: +662 218 6426  
Fax: +662 218 6425  
Email: sucharit.k@chula.ac.th

Ms Sukontha Aekaraj  
Department of Water Resources  
180/3 Rama VI Road, Soi 34  
Phayathai  
Bangkok 10400  
Tel: +662 298 6604, ext. 6166  
Fax: +662 271 6165  
Email: saekaraj@hotmail.com

Mr Karoon Premvuti  
180/3 Rama VI Road, Soi 34  
Phayathai  
Bangkok 10400  
Tel: +66 8 1827 1546  
Fax: +66 2 298 6614  
Email: p.karoon@gmail.com

Mrs Wandee Pattanasatianpong  
180/3 Rama VI Road, Soi 34  
Phayathai  
Bangkok 10400  
Tel: +66 8 9690 7366  
Fax: +66 2 298 6614  
Email: wandee\_pat@yahoo.com

Ms Kanokwan Yoowong  
180/3 Rama VI Road, Soi 34  
Phayathai  
Bangkok 10400  
Tel: +662 298 6604 ext 6610  
Fax: +66 2271 6165  
Email: kanokwan.yw@gmail.com

Mr Sumrit Chusanathas  
Deputy Director-General  
26/83 Ngamwongwan 54  
Ngamwongwan Road  
Ladyao, Chatuchak, Bangkok 10900  
Tel: +662 299 3903  
Fax: +662 299 3913

Mr Nutthavutthi Chamchang  
444, Moo 1 Tha-Kanoon  
Thongphaphun Kanchana Buri 71180  
Tel: +91 716 5978  
Fax: +2 436 8736  
Email: nutthavutthi.c@egort.co.th

Mr Jaray Thongduang  
Royal Irrigation Department  
811 Samsen Road, Dusit,  
Bangkok 10300  
Tel: +81 5809499  
Email: jaray-579@gmail.com

## Togo

Ms Agbedidi Abla Tozo  
Ingénieure en gestion des ressources en eau  
01 BP 119 Lomé  
Tel: +228 22 20 9047 / 90 76 9926  
Fax: +228 22 21 8792  
Email: elise\_tozoabla@yahoo.fr

## Uganda

Mr Dominic V.L. Mundrugog-Ogo  
Programme Officer, Natural Sciences  
Uganda National Commission for UNESCO  
2nd Floor Embassy House  
King George VI Way  
PO Box 4962 Kampala  
Tel: +07 72 54 04 15  
+07 00 54 04 15  
Email: dmogolali@unesco-uganda.ug  
dmundrugolali@gmail.com

## **Ukraine**

Ms Liudmyla Gorbachova  
Head, Hydrological Research Division  
Ukrainian Hydrometeorological Institute  
37, Nauki Prospekt  
Kyiv 03028  
Tel: +380445258670  
Fax: +380445255363  
Email: lyudgor@list.ru

Mr Viacheslav Manukalo  
Senior Scientific Officer, Ukrainian  
Hydrometeorological Institute  
37, Nauki Prospekt  
Kyiv 03028  
Tel: +38044525 8743  
Fax: +38044525 5363  
Email: manukalo@ukr.net

## **United Arab Emirates**

Mr Fouad Boumansour  
Administrator, Permanent Delegation of the United  
Arab Emirates to UNESCO  
UNESCO House  
1, rue Miollis  
75732 Paris Cedex 15, France  
Tel: +33 1 45 68 27 00  
Fax: +33 1 45 66 99 86  
Email: f.boumansour.ae@unesco-delegations.org

## **United States of America**

Mr Jerad D. Bales  
Acting Associate Director for Water  
U.S. Geological Survey  
12201 Sunrise Valley Drive  
MS 436, Reston, VA 20192  
Tel: +1 703 648 5044  
Fax: +1 703 648 5002  
Email: jdbales@usgs.gov

Ms Beth Poisson  
Deputy Permanent Delegate, Chargée d'Affaires  
a.i., Permanent Delegation of the United States of  
America to UNESCO  
2, avenue Gabriel  
75382 Paris cedex 08, France  
Tel: +33 1 43 12 74 56  
Fax: +33 1 43 12 74 58  
Email: heirdjm@state.gov

Mr Robert A. Pietrowsky  
Director, International Centre for Integrated Water  
Resources Management (ICIWaRM)  
Casey Building, 7701 Telegraph Road  
Alexandria VA 22315  
Tel: +1 703 428 8015  
Fax: +1 703 428 6696  
Email: robert.a.pietrowsky@usace.army.mil

Ms Jo Leslie Eimers  
International Water Resources Specialist  
U.S. Geological Survey  
420 National Centre  
Reston VA 20192  
Tel: +1 703 648 5071  
Fax: +1 703 648 5002  
Email: jleimers@usgs.gov

Ms Janel Heird  
Second Secretary, Science Officer  
U.S. Mission to UNESCO  
2, avenue Gabriel  
75382 Paris cedex 08  
France  
Tel: +33 1 43 12 74 56  
Fax: +33 1 43 12 74 58  
Email: heirdjm@state.gov

Mr William S. Logan  
Deputy Director, International Centre for Integrated  
Water Resources Management (ICIWaRM)  
Institute for Water Resources  
Casey Building, 7701 Telegraph Road  
Alexandria VA 22315  
Tel: +1 703 428 6054  
Fax: +1 703 428 6696  
Email: will.logan@usace.army.mil

## **Zambia**

Mr Frank Ngoma  
Assistant Director  
Ministry of Mines, Energy and Water  
Department of Water Affairs  
PO Box 50288 Lusaka  
Tel: +260 966 454 811  
Email: fngoma63@gmail.com

Mr Albert Chomba  
Principal Hydrologist  
Ministry of Mines, Energy and Water  
Department of Water Affairs  
PO Box 50288 Lusaka  
Email: chomba08027.ae@gmail.com

Ms Abigail Bwanga  
Water Planner  
Ministry of Mines, Energy and Water  
Department of Water Affairs  
PO Box 50288 Lusaka

**III. OBSERVER (NON-MEMBER STATE  
MAINTAINING PERMANENT  
OBSERVATION MISSION TO UNESCO)**

**Holy See**

Ms Florence Motte  
Permanent Observer Mission of the Holy See to  
UNESCO  
UNESCO House  
Tel: + 33 1 45 68 33 13  
Fax: + 33 1 43 06 28 91  
Email: op.saint-siege@unesco.org

**IV. SPECIALIZED AGENCIES AND RELATED  
ORGANIZATIONS OF THE UN SYSTEM**

**International Telecommunication Union (ITU)**

Mr Ramy Ahmed  
Chairman, FG Smart Water Management  
Place des Nations  
CH-1211 Geneva 20, Switzerland  
Tel: +41 22 730 5111  
Fax: +41 22 733 7256  
Email: itumail@itu.int

**UN-Habitat**

Mr Graham Alabaster  
Chief Waste Management & Sanitation  
Urban Basic Services Branch  
United Nations Human Settlements Programme  
Geneva Office  
c/o World Health Organization  
20 Avenue Appia  
1211 Geneva 27, Switzerland  
Tel: +41 22 7913555  
Mobile: +41 786690548  
Email: alabaster.unhabitat@unog.ch  
galabaster@gmail.com

**World Intellectual Property Organization (WIPO)**

Mr Konrad Lutz Mailänder  
Head, Patent Information Section  
Access to information and Knowledge Division  
34, Chemin des Colombettes  
CH-1211 Geneva 20, Switzerland  
Tel: +41 22 338 9849  
Fax: +41 22 733 5428  
Email: lutz.mailander@wipo.int

**World Meteorological Organization (WMO)**

Mr Tommaso Abrate  
Scientific Officer  
7 bis, Avenue de la Paix  
Geneva, Switzerland  
Tel: +41 22 7308338

Fax: +41 22 7308043  
Email: t.abrate@wmo.int

**V. INTERGOVERNMENTAL  
ORGANIZATIONS**

**International Commission for the Hydrology of  
the Rhine Basin (CHR)**

Mr Hans Moser  
President, CHR/KHR Secretariat  
Postbus 17, NL 8200 AA Lelystad  
The Netherlands  
Tel: +31 320 298 831  
Fax: +31 320 298 398  
Email: info@chr-khr.org  
moser@bafg.de

**European Commission**

Mr Andrea Leone  
Joint Research Centre  
Environment and Sustainability Institute  
"Water Resources Unit"  
TP 440 Via Fermi 2749  
I-21027 Ispra (VA)  
Italy  
Email: andrea.leone@ext.jrc.ec.europa.eu

**The Convention on Wetlands (Ramsar, 1971)**

Mr Christopher Briggs  
Secretary-General  
Mauverney 28  
CH-1196 Gland, Switzerland  
Tel: +41 22 999 01 70  
Fax: +41 22 999 01 69  
Email: briggs@ramsar.org

**VI. NON-GOVERNMENTAL  
ORGANIZATIONS**

**International Association of Hydrological  
Sciences (IAHS)**

Mr Christophe Cudennec  
Secretary-General  
Agrocampus Ouest  
CS 84215  
35042 Rennes Cedex, France  
Tel: +33 2 23 48 55 58  
Email: cudennec@agrocampus-ouest.fr

Mr Gordon Young  
Professor, Past President  
PO Box 878 Niagara on the lake  
LOS 1JO Ontario, Canada  
Tel: +1 905 468 5896  
Email: gordonyoung\_wwap@yahoo.com

Email: s.uhlenbrook@unesco-ihe.org

**International Commission on Large Dams  
(ICOLD)**

Mr Michel De Vivo  
Secretary-General  
61 Avenue Kléber  
75116 Paris, France  
Tel: +33 6 07 24 41 95  
Fax: +33 1 53 75 18 22  
Email: secretaire.general@icold-cigb.org

Mr Emmanuel Grenier  
Communications Officer  
61 Avenue Kléber  
75016 Paris, France  
Tel: +33 1 47 04 17 86  
Fax: +33 1 53 75 18 22  
Email: emmanuel.grenier@icold-cigb.org

**Stockholm International Water Institute (SIWI)**

Ms Thérèse Sjömander-Magnusson  
Director  
Transboundary Water Management  
Linnégatan 87A  
100 55 Stockholm, Sweden  
Tel: +46 8 121 360 82  
Email: therese.sjomander-magnusson@siwi.org

**VII. UNESCO WATER INSTITUTE (category I)  
AND WATER-RELATED CENTRES  
(category 2)**

***Category 1 Water Institute***

**UNESCO-IHE Institute for Water Education**

Mr András Szöllösi-Nagy  
Rector  
Westvest 7, 2611 AXDelft  
PO box 3015  
2601 DA Delft, The Netherlands  
Tel: +31 1521 51703  
Fax: +31 1521 22921  
Email: a.szollosi-nagy@unesco-ihe.org

Mr Stephan Uhlenbrook  
Professor of Hydrology  
UNESCO-IHE  
Westvest 7  
2611 AXDelft, The Netherlands  
Tel: +31152151843

**Category 2 water-related Centres (under the auspices of UNESCO)**

**European Regional Centre for Ecohydrology (ERCE), Poland**

Mr Maciej Zalewski  
Director, ERCE  
3 Tylna Street  
90-364 Lodz, Poland  
Tel: +48 42 681 70 07  
Fax: +48 42 681 30 69  
Email: mzal@biol.uni.lodz.pl  
erce@erce.unesco.lodz.pl

**International Centre for Education, Capacity Building and Applied Research in Water (HIDROEX)**

Mr Octávio Elísio Alves de Brito  
President of HIDROEX  
Rodovia Américo Gianetti s/n  
Bairro Serra Verde  
Edifício Gerais, 10º Andar  
CEP 31630 901 Belo Horizonte MG, Brazil  
Tel: +55 31 3916 7500  
Email: octavio.elisio@hidroex.mg.gov.br

Mr Vinicius Laender  
Rodovia Américo Gianetti s/n  
Bairro Serra Verde  
Edifício Gerais, 10º Andar  
CEP 31630 901 Belo Horizonte MG, Brazil  
Tel: +55 31 3916 7488  
Email: vinicius.laender@hidroex.mg.gov.br

**International Centre for Integrated Water Resources Management (ICIWaRM)**

Mr Robert A. Pietrowsky  
Director, ICIWaRM  
17701 Telegraph Road  
Alexandria VA 22315, United States of America  
Tel: +1 703 428 8015  
Fax: +1 703 428 8250  
Email: robert.a.pietrowsky@usace.army.mil

Mr William S. Logan  
Deputy Director, ICIWaRM  
7701 Telegraph Road  
Alexandria VA 22315, United States of America  
Tel: +1 703 428 6054  
Email: will.logan@usace.army.mil

**International Centre for Water Hazard and Risk Management (ICHARM)**

Mr Kuniyoshi Takeuchi  
Director, ICHARM  
Minamihara 1-6  
Tsukuba 305-6516, Japan  
Tel: +81 29 879 0854

Fax: +81 29 879 6709  
Email: kuni.t@pwri.go.jp

Mr Atsushi Suzuki  
Deputy Director, ICHARM  
Minamihara 1-6  
Tsukuba 305-6516, Japan  
Tel: +81 29 879 0815  
Fax: +81 29 879 6709  
Email: at-suzuki@pwri.go.jp

Mr Masahiko Murase  
Chief Researcher, ICHARM  
Minamihara 1-6  
Tsukuba 305-6516, Japan  
Tel: +81 29 879 6815  
Fax: +81 29 879 6709  
Email: m-murase@pwri.go.jp

**International Hydroinformatics Centre, Brasil and Paraguay**

Mr Cícero Jayme Bley Junior  
Coordinator  
Avenida Tancredo Neves, 6731  
Itaipu binacional  
Foz do Iguaçu  
CEP 85866-900, Brazil  
Tel: +55 45 3520 6508  
Email: cbley@itaipu.gov.br  
anielli@itaipu.gov.br

Mr Moises Agustin Ayala Dominguez  
Coordinator, Laboratorio de Hidraulica  
Km 15 ½, Bloque A, Hernandarias  
Departamento de Alto Paraná, Paraguay  
Tel: +595 61 599 8240  
Email: moises@itaipu.gov.py  
maa\_001@outlook.comr

Mr Rafael Hernando de Aguiar Gonzales  
Manager, Itaipu binacional  
Avenida Tancredo Neves, 6731  
Foz do Iguaçu  
CEP 85866-900, Brazil  
Tel: +55 45 3576 7467  
Email: Rafael@pti.org.br

**International Centre on Qanats and Historic Hydraulic Structures (ICQHS)**

Mr Ghafori Hossein  
Director, ICQHS  
Mojtame Edarat, Daneshjoo Blvd  
PO Box 89165-1553 Yazd, Iran  
Tel: +98 351 8250553  
Fax: +98 351 8241690  
Email: ghafori@icqhs.org

Mr Ali Asghar Semsar Yazdi  
Senior Expert, ICQHS  
Mojtame Edarat Daneshjoo Blvd.

P.O. Box 89165-1553 Yazd, Iran  
Tel: +98 351 8250553  
Fax: +98 351 8241690  
Email: semsar@icqhs.org  
icqhs@yahoo.com

**International Groundwater Resources  
Assessment Centre (IGRAC)**

Mr Neno Kukuric  
Director, IGRAC  
Westvest 7  
2611 AX Delft, The Netherlands  
Tel: +31 15 215 2325  
Email: neno.kukuric@un-igrac.org

**IHP-HELP Centre for Water Law, Policy and  
Science**

Mr Geoffroy Gooch  
Director, IHP-HELP Centre for Water Law, Policy  
and Science  
Park Place, University of Dundee  
Dundee DD1 4HN Scotland, United Kingdom  
Tel: +44 1382 344456  
Fax: +44 1382 226905  
Email: g.d.gooch@dundee.ac.uk

**Regional Centre for Urban Water Management  
(RCUWM)**

Mr Homayoun Motiee  
Director, RCUWM  
1, Shahrzaz Alley, Kargozar Street  
Dastgerdi (zafar) Avenue, Modaress Highway  
Tehran  
Tel/Fax: +98 21 22911027/8  
Email: motiee@rcuwm.org.

**Regional Humid Tropics Hydrology and Water  
Resources Centre for Southeast Asia and the  
Pacific (HTC Kuala Lumpur)**

Mr Mohamed Roseli Zainal Abidin  
Director, HTC Kuala Lumpur  
Department of Irrigation and Drainage  
No.2, Jalan Ledang, Off Jalan Duta  
504 80 Kuala Lumpur, Malaysia  
Tel: +603 2095 8700/2690  
Fax: +603 2095 3366  
Email: drroseli@water.gov.my

**VIII. UNESCO Secretariat**

**Secretariat of the International Hydrological  
Programme (IHP) of UNESCO**

Division of Water Sciences (SC/HYD)  
1 rue Miollis  
75732 Paris Cedex 15  
France  
Tel: +33 1 45 68 40 01  
Fax: +33 1 45 68 58 11  
Email: ihp@unesco.org

Ms Blanca Jiménez-Cisneros  
Secretary, International Hydrological Programme  
Director, Division of Water Sciences  
Tel: +33 1 45 68 40 02  
Email: b.jimenez-cisneros@unesco.org

Mr Siegfried Demuth  
Chief, Section of Hydrological Systems and Water  
Scarcity (HSS)  
Tel: +33 1 45 68 39 96  
Email: s.demuth@unesco.org

Mr Bisher Imam  
Senior Programme Specialist  
Section of Groundwater Systems and Settlements  
(GSS)  
Tel: +33 1 45 68 40 46  
Email: b.imam@unesco.org

Ms Alice Aureli  
Chief, Section of Groundwater Systems and  
Settlements (GSS)  
Tel: +33 1 45 68 39 95  
Email: a.aureli@unesco.org

Mr Giuseppe Arduino  
Programme Specialist  
Ecohydrology, Water Quality and Water Education  
Section (EQE)  
Tel: +33 1 45 68 45 69  
Email: g.arduino@unesco.org

Ms Sarantuyaa Zandaryaa  
Programme Specialist  
Ecohydrology, Water Quality and Water Education  
Section (EQE)  
Tel: +33 1 45 68 58 40 54  
Email: s.zandaryaa@unesco.org

Mr Anil Mishra  
Programme Specialist  
Section of Hydrological Systems and Water  
Scarcity (HSS)  
Tel: +33 1 45 68 39 47  
Email: a.mishra@unesco.org

Mr Miguel de França Doria  
Acting Conference Secretary

Assistant Programme Specialist  
Office of the Secretary  
Tel: +33 1 45 68 41 81  
Email: m.doria@unesco.org

Mr Vicente Leogardo  
Assistant Programme Specialist  
Office of the Secretary  
Tel: +33 1 45 68 40 04  
Email: v.leogardo@unesco.org

**World Water Assessment Programme (WWAP)**

Ms Michela Miletto  
Coordinator a.i., WWAP  
Villa La Colombella – Località di Colombella Alta  
06134 Colombella, Perugia, Italy  
Tel: +39 075 591 10 12  
Fax: +39 075 591 33 23 / 691 96 67  
Email: m.miletto@unesco.org

Ms Lena Salamé  
Programme Specialist, WWAP  
Project Coordinator, Potential Conflict to  
Cooperation Potential (PCCP)  
Tel: +33 1 45 68 41 80  
Email: l.salame@unesco.org

Mr Engin Koncagul  
Programme Specialist, WWAP  
Tel: +33 1 45 68 38 81  
Email: e.koncagul@unesco.org

**Field Network**

Mr Abdin Salih  
Officer in charge a.i., UNESCO Office in Cairo and  
Regional Bureau for Science  
8 Abdel Rahman Fahmy Street  
Garden City, Cairo, Egypt  
Email: a.salih@unesco.org

Ms Zelmira May  
Regional Hydrologist a.i.  
UNESCO Office in Montevideo  
Luis Piera 1992 - 2do piso  
Montevideo, 11200, Uruguay  
Tel: +598 2413 2075  
Fax: +598 2413 2094  
Email: z.may@unesco.org

Mr Shahbaz Khan  
Senior Programme Specialist, Deputy Director  
UNESCO Office in Jakarta and Regional Bureau for  
Science  
Tel: +6221 7399 818 ext 810  
Fax: +6221 7279 6489  
Email: s.khan@unesco.org

Mr Abou Amani  
Regional Hydrologist, UNESCO Office in Nairobi  
P.O. 1 Box 30592

Nairobi, Kenya  
Tel: +254 2 62 13 34  
Fax: +254 2 21 59 91  
Email: a.amani@unesco.org

Mr Philippe Pypaert  
Programme Specialist  
UNESCO Regional Bureau for Science and Culture  
in Europe  
4930 Castello - Palazzo Zorzi  
30122 Venice, Italy  
Tel: +39 04 260 15 12  
Fax: +39 041 528 99 95  
Email: p.pypaert@unesco.org  
Web: unesco.org/venice

Mr Abdelaziz Zaki  
National Programme Officer in Water Sciences  
Regional Bureau for Science in Arab States  
UNESCO Office in Cairo  
8 Abdel Rahman Fahmy Street  
Garden City, Cairo, Egypt  
Tel: +202 27945599/ 3036  
Cell: +20 10 658 1138  
Fax: +202 27945296  
Email: aa.zaki@unesco.org

Ms Kristine Tovmasyan  
Programme Specialist  
UNESCO Office in Almaty  
Tel: +7 727 3122643 Ext. 1414  
Fax: +7 727 2794853  
Email: k.tovmasjana@unesco.org

Mr Youssef Filali-Meknassi  
Science Programme Specialist  
UNESCO Office in Windhoek  
38 - 44 Stein Street  
P.O. Box 24519  
Windhoek, Namibia  
Tel: +264 61 2917000  
Fax: +264 61 2917220  
Email: y.filali-meknassi@unesco.org

Mr Koen Verbist  
Assistant Programme Specialist  
UNESCO Office in Santiago  
Enrique Delpiano 2058, Providencia  
Santiago, Chile  
Email: k.verbist@unesco.org

**Programme Assistants**

Ms Anna Movsisyan  
Assistant to Director  
Tel: +33 1 45 68 40 01  
Email: a.movsisyan@unesco.org

Ms Dominique Lozano  
Assistant to Deputy Secretary  
Tel: +33 1 45 68 40 18  
Email: d.lozano@unesco.org

Mrs Georgette Gobina  
Assistant to Chief of Section (EQE)  
Tel: +33 1 45 68 39 28  
Email: g.gobina@unesco.org

Mrs Barbara Kavuma Lwanga  
Assistant to Chief of Section (HSS)  
Tel: +33 1 45 68 39 97  
Email: b.lwanga@unesco.org

Ms Sima Taheri  
Assistant to Chief of Section (GSS)  
Tel: +33 1 45 68 41 75  
Email: s.taheri@unesco.org

Mrs Lydie Kente  
Project assistant, GSS  
Tel: +33 1 45 68 39 12  
Email: l.kente@unesco.org

Ms Sandrine Baron  
General Assistant, GSS  
Tel: +33 1 45 68 40 49  
Email: s.baron@unesco.org

***Temporary Staff/Consultants***

Mr Kazuaki Yoshida  
Programme Specialist, HSS  
Tel: +33 1 45 68 39 26  
Email: k.yoshida@unesco.org

Mr Alexander Otte  
Consultant, Office of the Secretary  
Tel: +33 1 45 68 40 05  
Email: a.otte@unesco.org

Ms Adriana Salazar-Olivan  
Consultant, Office of the Secretary  
Tel: +33 1 45 68 40 05  
Email: a.salazar-olivan@unesco.org

Mr Vefa Moustafaev  
Consultant, GSS  
Tel: +33 1 45 68 41 54  
Email: v.mustafaev@unesco.org

Ms Marina Rubio  
Consultant, GSS  
Tel: +33 1 45 68 40 99  
Email: m.rubio@unesco.org

Mr Matthew Lagod  
Consultant, GSS  
Tel: +33 1 45 68 39 51  
Email: m.lagod@unesco.org

Mr Leszek Bialy  
Consultant, GSS  
Tel: +33 1 45 68 39 61

Email: l.bialy@unesco.org

Mr Andrew Ross  
Consultant, GSS  
Tel: +33 1 45 68 39 43  
Email: a.ross@unesco.org

Mr Tales Carvalho Resende  
Consultant, GSS  
Tel: +33 1 45 68  
Email: t.carvalho-resende@unesco.org

Mr Surene Gevinian  
Consultant, GSS  
Email: s.gevinian@unesco.org

Mr Ralph Mahfoud  
Consultant, GSS and PCCP  
Tel: +33 1 45 68 39 14  
Email: r.mahfoud@unesco.org

***Interns at Headquarters***

Ms Marieke Baeten  
Email: m.baeten@unesco.org

Mr Amaury Cagol  
Email: a.cagol@unesco.org

Mr Cheikh Toni El Ghazal Mouawad  
Email: ct.el-ghazal-mouawad@unesco.org

Ms Katherine Eshel  
Email: k.eshel@unesco.org

Mr José Alberto Gaona Currea  
Email: ja.gaona-currea@unesco.org

Mr Cyril Giraud  
Email: c.giraud@unesco.org

Ms Yunjung Han  
Email: y.han@unesco.org

Ms Yeowon Kim  
Email: y.kim@unesco.org

Ms Hayarpi Papikyan  
Email: h.papikyan@unesco.org

Mr Riccardo Pareggiani  
Email: r.pareggiani@unesco.org

Ms Kim Magda Vercruysse  
Email: km.vercruysse@unesco.org



## ANNEX III

## LIST OF DOCUMENTS

## WORKING DOCUMENTS

Document Code (IHP/IC-XXI/..)	Title	Agenda item	Language*
1	Agenda	1-12	E/F/S/R/A/C
1 Add.	Timetable	1-12	E only
2	Annotated agenda	1-12	E/F/S/R/A/C
3	Final report	1-12	E/F/S/R/A/C
4	List of documents	1-12	E only
5	List of participants	-	E only
6	Institutional developments at UNESCO	4	E/F/S/R/A/C
7	Proposed water-related centres (category 1 and category 2)	7.1	E/F/S/R/A/C
8	Water in the post-2015 Development Agenda and Sustainable Development Goals	9.4	E/F/S/R/A/C
9	Implementation of resolutions and other recommendations adopted by the 20th session of the Intergovernmental Council of IHP – Proposal for the World's Large Rivers Initiative (WLRI)	5	E/F/S/R/A/C

## INFORMATION DOCUMENTS

Document Code (IHP/IC-XXI/..)	Title	Agenda item	Language
Inf.1	Institutional developments at UNESCO	4	E/F
Inf.2 + Add.	Implementation of resolutions and other recommendations adopted by the 20th session of the Intergovernmental Council of IHP	5	E/F
Inf.3	Implementation of the Eighth Phase of IHP (IHP-VIII, 2014-2021)	6	E/F
Inf.4	UNESCO's water-related Institute and centres (category 1 and category 2)	7	E/F
Inf.5	Review of IHP-VII activities and related activities of UNESCO	8	E/F

---

\* E – English | F – French | S – Spanish | R – Russian | A – Arabic | C – Chinese

<b>Document Code</b> (IHP/IC-XXI/..)	<b>Title</b>	<b>Agenda item</b>	<b>Language</b>
Inf.6	Relations with United Nations, intergovernmental organizations and non-governmental organizations	9	E/F

#### REFERENCE DOCUMENTS

(online consultation only)

<b>Document Code</b>	<b>Title</b>	<b>Agenda item</b>	<b>Language</b>
IHP/Bur/Out-of-Session/Report/2014	Final report of the out-of-session meeting of the IHP Bureau; Paris, 17 June 2014		English only
IHP/Bur-XLIX/3	Final report of the 49th session of the IHP Bureau (Paris, 25-26 June 2013)	-	E/F/S/R/A/C
IHP/IC-XX/3	Final report of the 20th session of the IHP Intergovernmental Council; Paris, 4-7 June 2012	-	E/F/S/R/A/C )
37 C/4	Draft Medium-Term Strategy, 2014-2021	4	E/F/S/R/A/C
37 C/5	Approved Programme and Budget, 2014-2017	4	E/F/S/R/A/C
194 EX/Decisions	Decisions adopted by the Executive Board at its 194th session; Paris, 2-15 April 2014	4	E/F/S/R/A/C
193 EX/Decisions	Decisions adopted by the Executive Board at its 193rd session; Paris, 22 November 2013	4	E/F/S/R/A/C
192 EX/Decisions	Decisions adopted by the Executive Board at its 192nd session; Paris, 23 September-11 October 2013	4	E/F/S/R/A/C
191 EX/Decisions	Decisions adopted by the Executive Board at its 191st session; Paris, 10-26 April 2013	4	E/F/S/R/A/C
190 EX/Decisions	Decisions adopted by the Executive Board at its 190th session; Paris, 3-18 October 2012	4	E/F/S/R/A/C
IHP/Nairobi Meeting/2013/Final Report	Final Report of the UNESCO Strategic and High-Level Meeting on Water Security and Cooperation; Nairobi, 11-13 September 2013	6	English only
IHP/Bur-L/Ref.2 Rev.	Draft revised IHP Strategy for water-related category 2 institutes and centres under the auspices of UNESCO	7	English only
IHP/Bur-L/Ref.3	Proposal for the establishment of an African Regional Centre for Ecohydrology (ARCE) in Ethiopia as a category 2 centre under the auspices of UNESCO	7	English only)
IHP/Bur-L/Ref.4	Proposal for the designation of the Central Laboratory for Environmental Monitoring (CLEQM) at El-Qanater, Egypt, as a category 2 centre under the auspices of UNESCO	7	English only)

Document Code	Title	Agenda item	Language
IHP/Bur-L/Ref.5	- Proposal for the designation of the Integrated and Multi-Disciplinary Water Resources Management Centre at the Aristotle University of Thessaloniki (AUTH), Greece, as a category 2 centre under the auspices of UNESCO	7	English only
IHP/Bur-L/Ref.6	Proposal for the designation of the Water Research Centre at the Kuwait Institute for Scientific Research (KISR), as a category 2 centre under the auspices of UNESCO	7	English only)
IHP/Bur-L/Ref.7	Proposal for the establishment of an International Centre for the Integrated Management of Watershed and Bio-Resources in Arid and Semi-Arid Regions in the Islamic Republic of Iran as a category 2 centre under the auspices of UNESCO	7	English only)
IHP/Bur-L/Ref.8 Rev.	Proposal for the establishment of a Water Research Centre at the COMSATS Institute of Information Technology in Abbottabad, Pakistan as a category 2 centre under the auspices of UNESCO	7	English only)
IHP/Bur-L/Ref.9	Revised proposal for the launching of a "World's Large Rivers Initiative (WLRI)"	7	English only
IHP/IC-XXI/Ref.1	Proposal for the establishment of UNESCO-HIDROEX International Institute for Education, Capacity Building and Applied Research in Water, as a category 1 institute	7	English only
IHP/IC-XXI/Ref.2	Final draft report of the evaluation of the Seventh Phase of IHP (IHP-VII, 2008-2013)	8	English only
(IOS/EVS/PI/140)			
-	Statutes of the Intergovernmental Council of IHP	-	E/F/S/R
-	Rules of Procedure of the Intergovernmental Council of IHP	-	E/F/S/R
IHP/Bur-XLIII/3 Annex IV -	Admissibility criteria, guidelines and rules of procedure for the preparation and consideration of Draft Resolutions (DRs) at the Intergovernmental Council of IHP (revised version, 5 June 2009)	-	E/F/S/R/A/C
-	National reports of the IHP National Committees for the intersessional period between the 19th and the 20th sessions of the Intergovernmental Council of the IHP (June 2010 - May 2012)	-	Multilingual
-	Reports of UNESCO category 2 water-related centres for the intersessional period between the 19th and the 20th sessions of the Intergovernmental Council of the IHP (June 2010 - May 2012)	-	English only

## ANNEX IV

### ADOPTED RESOLUTIONS

#### Resolution XXI-1

#### FINANCIAL SUPPORT TO THE INTERNATIONAL HYDROLOGICAL PROGRAMME

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

**Recalling** its role as a subsidiary body of the General Conference of UNESCO, mandated to guide and supervise the implementation of IHP,

**Further recalling** Resolution XX-1 adopted at its 20th session,

**Noting** that Water is a key resource for human health, prosperity and social inclusion, for sustainable development post 2015 and beyond,

**Noting with appreciation** that Main Line of Action 6 on Water was identified amongst the highest budgetary priorities for Major Programme II on Natural Sciences by the 5th special session of the Executive Board and the 37th session of the General Conference,

**Highlighting** the long-term commitment that UNESCO's Member States have already invested in making IHP a key player in addressing the most relevant issues relating to water in a sustainable development perspective,

**Further noting** that the appropriate implementation of IHP's objectives, in light of mounting water-challenges, necessitates the provision of the adequate level of highly qualified and motivated human resources,

**Requests** the Director-General to pursue the mobilization of extrabudgetary resources and in-kind contributions from Member States, civil society and the private sector for the implementation of the strategic plan of the Eighth Phase of IHP;

**Invites** Member States and other partners to increase their extrabudgetary and in-kind contributions to IHP in conformity with the programmatic directions set by the Council and the Governing Bodies of UNESCO;

**Requests** the IHP Secretariat to (i) work closely with UNESCO's top management to ensure that the budgetary prioritization conducted by the Governing Bodies of UNESCO is closely reflected in the human resources allocated to IHP; (ii) submit to the IHP Bureau at its 52nd session an information document on the IHP staffing situation, including in regional offices, and needs in terms of posts to meet its objectives.

## Resolution XXI-2

### **IMPLEMENTATION OF A COMMUNICATION AND OUTREACH STRATEGY**

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

**Recalling** the evaluation of IHP's activities between 2008 and 2013 conducted by UNESCO's Internal Oversight Service, which recommended to raise IHP's profile by:

- developing strategies on communication, publication and branding
- ensuring the effective implementation of these strategies by improving the IHP website and by allocating adequate resources to branding and visibility,

**Emphasizing** the need expressed by the Implementation Working Group of IHP-VIII to increase the visibility and transparency with regard to IHP's activities so that Member States can understand the potential of IHP and participate in its activities more easily,

**Expressing appreciation** for the efforts the Secretariat has made thus far to reach out to the UNESCO Water Family and the general public while relying on limited funds,

**Further expressing appreciation** for the efforts, guidance and work of the previous Publication and Communication Committee,

**Noting** the actual needs of the programme in terms of visibility, outreach and communication,

**Referring to** the decision of the 21st session of the IHP Council to establish, as a follow up of the Publication and Communication Committee, a Communication and Outreach Committee to increase the visibility and outreach of the IHP Programme by using communication as a measure to enhance the involvement of the members of what is now referred to as the UNESCO Water Family (category 1 and 2 centres and institutes, UNESCO Chairs, WWAP, IHP Secretariat, IHP National Committees) and with potential external partners from governments, knowledge institutions, the private sector and NGOs,

**Requests** the Secretariat to develop and implement, in consultation with the Communication and Outreach Committee, a communication and outreach strategy in line with UNESCO's overall communication strategy:

- The target groups of this outreach endeavor are primarily stakeholders from governments, knowledge institutions, the private sector, NGOs and the general public with special emphasis on youth;
- The aim of this outreach endeavor is to increase public recognition, strengthen the engagement of IHP and other stakeholders through collaborative communication and enhance the outreach of IHP's messages and their relevance to actual and mounting global challenges;
- The means to reach this aim should include *inter alia* the use of social media and a more accessible and user-oriented website about IHP and its strategy;

**Encourages** Member States and in particular IHP National Committees to actively contribute to this outreach endeavor by:

- providing the Secretariat with content which can be used for the above mentioned outreach activities;

- using this content themselves to make IHP visible to the aforementioned stakeholders at the national and regional level;

**Invites** Member States to host informal meetings with the IHP Secretariat at Headquarters where they can be updated by the Secretariat and exchange views with the Secretariat and each other about the implementation of IHP's strategy, for example regarding IHP's contribution to high level political processes like the post-2015 Agenda, the post Hyogo Framework for Action, the World Water Forum, the Intergovernmental Panel on Climate Change and the United Nations Framework Convention on Climate Change.

**Resolution XXI-3**

**PROPOSAL FOR THE ESTABLISHMENT OF THE  
WORLD'S LARGE RIVERS INITIATIVE (WLRI)**

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

**Taking note** of the revised proposal on the World's Large Rivers Initiative (WLRI), aiming to establish a global platform of researchers and institutions to develop on a voluntary basis the scientific basis for an integrated river research by exchanging expertise and good practices;

**Taking further note** that the initiative is of a purely scientific nature excluding operational management;

**Also noting** that there will be no financial implications for the IHP Secretariat with this initiative, as it relies entirely on extrabudgetary and in-kind contributions;

**Welcoming** the proposal of the UNESCO Chair on Integrated River Research and Management to host the Secretariat of the World's Large Rivers Initiative at no cost to UNESCO;

**Recognizing** the important contribution provided by IHP in the field of integrated water resources management and water cooperation, including in the context of large rivers;

**Establishes** the World's Large Rivers Initiative (WLRI) and requests the IHP Secretariat, with the assistance of the UNESCO Chair on Integrated River Research and Management to establish a working group of Member States of IHP with the mandate of elaborating the scope, activities and desired outputs of this initiative, on the basis of consensus and upon request of the countries concerned;

**Requests** the IHP Secretariat to assist in the establishment and implementation of the Initiative and to report to the 22nd session of the IHP Intergovernmental Council the progress achieved in this regard;

**Decides** that the 23rd session of the IHP Intergovernmental Council shall review the performance of this Initiative and consider its integration in IHP's workplan, beyond the aforesaid session;

**Invites** Member States and their IHP National Committees to participate in its implementation on a voluntary basis.

**Resolution XXI-4**

**PROPOSAL FOR THE ESTABLISHMENT OF WATER-RELATED CENTRES  
UNDER THE AUSPICES OF UNESCO (CATEGORY 2)**

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

**Noting** the critical importance of water issues at the global, regional and national levels for sustainable development in face of mounting global changes,

**Considering** UNESCO's fundamental role in enhancing water security as defined by the strategic plan for IHP-VIII through: (1) mobilizing international cooperation to improve knowledge and innovation to address water security challenges; (2) strengthening the science-policy interface to reach water security at local, national, regional, and global levels, and (3) developing institutional and human capacities for water security and sustainability,

**Acknowledging** the role of the growing network of category 1 and category 2 water-related centres and institute in providing UNESCO with an increasing capability to implement its strategic priorities,

**Noting with appreciation** the willingness of the Governments of Ethiopia, the Arab Republic of Egypt, the Hellenic Republic of Greece, the State of Kuwait, the Islamic Republic of Iran, and the Republic of Pakistan to undertake the establishment of category 2 water-related centres significantly enhancing thematically and geographically the existing network of centres,

**Recognizing** the valuable services that the centres will render to Member States and stakeholders throughout the globe and the valuable contributions that they will provide to the implementation of IHP,

**Noting** the endorsement of the related proposals by the IHP Bureau,

**After due consideration of the individual proposals, endorses** the individual proposals for the establishment of:

- the African Regional Centre for Ecohydrology (ARCE), Ethiopia;
- the Central Laboratory For Environmental Monitoring (CLEQM), El-Qanater, Egypt;
- the Integrated and Multi-Disciplinary Water Resources Management Centre at the Aristotle University of Thessaloniki, Greece;
- the Water Research Centre at the Kuwait Institute for Scientific Research, Kuwait;
- the International Centre for the Integrated Management of Watershed and Bio-resources in Arid and Semi-Arid Regions, Islamic Republic of Iran; and
- the Regional Water Research Centre (RWRC) at the COMSATS Institute of Information Technology, Abbottabad, Pakistan,

as category 2 centres under the auspices of UNESCO;

**Requests** the assistance of the Secretariat to prepare the necessary documentation to be submitted to the governing bodies of UNESCO toward the creation of the centres in conformity with the IHP strategy for UNESCO category 2 water-related centres and the Integrated Comprehensive Strategy for Category 2 Institutes and Centres (document 37 C/18 Part I and Annexes), as approved by the 37th session of the General Conference (37 C/Resolution 93);

**Invites** the IHP National Committees of the concerned countries to support the establishment and functioning of the centres;



**Also Invites** Member States, the IHP National Committees and other partners, in particular the existing UNESCO network of water-related centres and institute, at the regional and international levels, to actively support the proposed centres and ensure cooperation and collaboration in the common endeavors for the benefit of all.

**Resolution XXI-5**

**PROPOSAL FOR THE ESTABLISHMENT OF UNESCO-HIDROEX INTERNATIONAL  
INSTITUTE FOR EDUCATION, CAPACITY BUILDING AND APPLIED RESEARCH  
AS A UNESCO CATEGORY 1 INSTITUTE**

The Intergovernmental Council of the International Hydrological Programme of UNESCO,

**Noting** the critical importance of water issues at the global, regional and national levels for sustainable development in face of mounting global changes,

**Considering** UNESCO's fundamental role in enhancing water security as defined by the strategic plan for IHP-VIII through: (1) mobilizing international cooperation to improve knowledge and innovation to address water security challenges; (2) strengthening the science-policy interface to reach water security at local, national, regional, and global levels, and (3) developing institutional and human capacities for water security and sustainability,

**Acknowledging** the role of UNESCO-IHE and the growing network of category 2 water-related institutes and centres in providing UNESCO with an increasing capability to implement its strategic priorities,

**Noting with appreciation** the willingness of the Government of Brazil to undertake the establishment of a category 1 institute devoted to Education, Capacity Building and Applied Research in Water,

**Recognizing** the valuable service that the Institute will render to Member States and stakeholders throughout the globe, particularly in Latin America and the Caribbean and in Portuguese-speaking countries, notably in Africa, as well as the valuable contribution that it will provide to the implementation of IHP,

**After due consideration of the proposal, endorses** the programmatic components related to the establishment of UNESCO-HIDROEX International Institute for Education, Capacity Building and Applied Research in Water, in the State of Minas Gerais, Federative Republic of Brazil, as a category 1 UNESCO Institute;

**Requests** the assistance of the UNESCO Water Family in working with the Government of Brazil and the UNESCO Secretariat in further defining the institutional components of the proposal and to prepare the necessary documentation to be submitted to the governing bodies of UNESCO toward the creation of the Institute in conformity with principles and guidelines for the establishment and functioning of category 1 UNESCO institutes and centres (33 C/19);

**Invites** the IHP National Committees to support the establishment and functioning of the Institute;

**Also invites** Member States, the IHP National Committees, the existing UNESCO network of water-related centres and institute at the regional and international levels and in particular the UNESCO-IHE Institute as a strategic academic partner, to actively support the proposed Institute and ensure co-operation and collaboration in the common endeavors for the benefit of all.

**Resolution XXI-6**

**WATER IN THE POST-2015 DEVELOPMENT AGENDA  
AND SUSTAINABLE DEVELOPMENT GOALS**

The Intergovernmental Council of the International Hydrological Programme (IHP) of UNESCO,

**Recognizing** that water is at the core of sustainable development and its human, environmental and economic dimensions,

**Mindful of** the ongoing processes on the formulation in the post-2015 Development Agenda and future Sustainable Development Goals (SDGs) carried out both within and beyond the UN system,

**Acknowledging with appreciation** IHP's extensive and significant contributions through different interlinked processes to promote the key role of water in the post-2015 Development Agenda and Sustainable Development Goals,

**Welcomes** UNESCO-IHP's contribution for a global, stand-alone post-2015 Sustainable Development Goal dedicated to water, encompassing all aspects of water security and focusing on water and sanitation, water use efficiency, IWRM in basins, desalinated water, water governance, water quality and waste-water management, and water-related disasters,

**Calls upon** all IHP National Committees to promote water in national discussions on the post-2015 Development Agenda with the aim to prioritize water in their respective governments' position on the post-2015 Development Agenda and to ensure that water issues through a dedicated SDG on water and sanitation, will be given due and deserved focus in deliberations by the Member States at the UN General Assembly leading up to the Summit at the Heads of States and Governments level on the adoption of post-2015 Development Agenda and SDGs in September 2015,

**Encourages** the IHP Secretariat, as the lead UN agency with the mandate on water sciences, to continue its activities to provide scientific and technical contributions to the formulation of water-related goals and targets in the framework of future SDGs and the Development Agenda beyond 2015;

**Invites** the IHP Secretariat to cooperate in the framework of UN-Water with other relevant UN Organizations such as FAO, UNEP, UN-Habitat, WHO and WMO, with a view to maintain and further enhance cohesion and coherence with the UN System on the development of potential indicators and monitoring for the future SDG on water and sanitation;

**Recommends** the propagation and dissemination of the UNESCO proposal on water in the post-2015 Development Agenda and SDGs by making available the relevant documents and information through the UNESCO website and other media, and designating a focal point at the IHP Secretariat to provide information and technical advice on discussions on water in the context of post-2015 processes to Member States and IHP National Committees; and

**Requests** the IHP Secretariat to facilitate and support regional consultations of IHP National Committees on the role of water and its monitoring in the post-2015 SDG framework, with particular focus on water security.

## **Resolution XXI-7**

### **MONITORING OF WATER-RELATED SUSTAINABLE DEVELOPMENT GOALS AND THE POST-2015 AGENDA**

The Intergovernmental Council of the International Hydrological Programme (IHP) of UNESCO,

**Recognizing** that integrated water resources management, based on robust information derived from continuous monitoring systems, is a prerequisite for ensuring appropriate access to adequate quantities of good quality water,

**Further recognizing** that good water quantity and quality are key to sustainable development and human wellbeing as well as an indispensable prerequisite for protecting biodiversity and ecosystems,

**Recalling** paragraphs 123 and 124 of the outcome document of the 2012 United Nations Conference on Sustainable Development “The Future we Want” which call for adopting measures to address floods, droughts, water scarcity, the balance between water supply and demand as well as measures to significantly reducing water pollution and improving water quality,

**Recalling** IHP Intergovernmental Council Resolutions XIV-9, XV-2 and XIX-11 which highlight UNESCO contributions to regular reporting on the assessment of the world water situation, IWRM implementation and scientifically informed decision-making,

**Emphasizing** that the UNESCO Water Family, including IHP, UNESCO-IHE, WWAP, UNESCO category 2 water-related centres and Chairs, is well suited for contributing to the development and implementation of indicators and providing solid foundations for an appropriate monitoring framework in support of the implementation of water related targets, which may in turn provide data and information for relevant assessments within the post-2015 Development Agenda,

**Recommends** the IHP Secretariat to continue close cooperation with UN-Water members and partners with the view to actively develop suitable components of a robust monitoring and assessment framework supporting the post 2015 Agenda;

**Requests** the IHP Secretariat to identify and develop scientifically sound indicators, and information systems that will support the implementation and monitoring of water-related goals and targets in the SDG framework;

**Invites** the category 1 water institute and WWAP to integrate and closely participate in this effort;

**Further invites** UNESCO category 2 water-related centres and Chairs, as well as the UNITWIN networks and other relevant data centres, to contribute to this effort notably by providing data, information and scientific expertise and experience;

**Urges** the Director-General of UNESCO and the Governing Bodies of the Organization to take appropriate actions to ensure that sufficient resources are available to support these activities;

**Invites** all Member States to collect, store and make their hydrological data, including water quality data, publicly available, as appropriate;

**Also invites** the UNESCO Water Family to assist all African States in their hydrological monitoring;

**Invites** the IHP National Committees to actively contribute to, and cooperate, with this initiative;

**Also invites** Member States and the donor community to support this effort, both with in-kind contributions and supplementary funding, including the secondment of experts to the IHP Secretariat and relevant UNESCO-IHP centres.

## **Resolution XXI-8**

### **REVIEWING AND MONITORING OF IHP'S PROGRAMMES**

The Intergovernmental Council of the International Hydrological Programme (IHP) of UNESCO,

**Recalling** 37 C/Resolution 21 adopted during the 37th session of the General Conference requesting the Director-General to undertake, during the period 2014-2017, a review of the main lines of action and their expected results, including those of the intergovernmental and international programmes and category 1 institutes and centres pertaining to all Major Programmes, and to propose their continuation, reorientation, including possible reinforcement, exit strategies or termination, based on clear evaluation criteria,

**Also recalling** that UNESCO currently implements Results-Based Management (RBM) and Results-Based Budgeting (RBB), implying respectively that reporting is done in terms of impact, and that budget is allocated on the basis of achieved results,

**Emphasizing** the importance of strong, well-functioning and effective IHP programmes and activities which contribute to the objectives of IHP, taking into account the ongoing process on the Post-2015 Agenda and the future Sustainable Development Goals,

**Recalling also** that the Implementation Working Group of IHP-VIII during its meeting in Koblenz, Germany, on 10-12 December 2012 recommended that the Council establishes a mechanism to monitor, assess and evaluate the results of IHP's activities inter alia by designing a standard roadmap for each activity including expected results, performance indicators and a time frame,

**Noting** the recommendation in the evaluation report of UNESCO's Internal Oversight Service of the seventh phase of IHP that the evaluation framework for IHP programmes should be enhanced in order to increase their impact,

**Decides** to synchronize all IHP programmes and activities with the IHP programme phases and to develop to that effect a planning and evaluation framework for each IHP-VIII theme and associated programme (e.g., FRIEND, HELP, IDI, IFI, ISI, PCCP, etc.) with clear criteria for the periodic review against Main Lines of Action and Expected Results in order to evaluate to what extent the related specific Specific Objectives contained in IHP-VIII were achieved;

**Emphasizes** that this framework should enable the IHP Council to ensure that IHP activities directly contribute the implementation of UNESCO's Medium-Term Strategy and water-related Sustainable Development Goals;

**Further decides** that the continuation, reorientation, reinforcement, exit strategies or termination of programmes and activities be based upon periodic reviews during and at the end point of each IHP Phase;

**Invites** the Working Group for the implementation of IHP-VIII to suggest a framework aimed at implementing roadmaps for programmatic activities, including recommendations for lead institutions, Chairs and centres which will be responsible for coordinating specific parts of IHP-VIII and present the proposed framework to the 22nd session of the IHP Council;

**Also invites** the 22nd session of the IHP Council to consider adopting the suggested planning and evaluation framework based on a recommendation by the Bureau with a view to the first period review, and subsequent activity planning to take place by the 23rd session of the IHP Council, thus informing planning of IHP's activities on the basis of results;

**Urges** Member States to host the next meeting of the Implementation Working Group to achieve the above mentioned goals;

**Further invites** the Director-General to support the Implementation Working Group in achieving the above mentioned objectives.

## ANNEX V

## FINANCIAL INFORMATION

Regular Budget Allocations per IHP-VIII theme under 37 C/5 MPPII, MLA6, ER 10

IHP-VIII Themes	Total operational regular budget (\$US)*	of which Additional Appropriation (\$US)	Rate of implementation (%)	HQ operational regular budget (\$US) **	Decentralization rate
ER 10: Responses to local, regional and global water security challenges strengthened	3,167,370	107,070	11%	1,836,200	42%
Theme 1 Water-related disasters and hydrological change	442,350	45,620	12%	277,648	37%
Theme 2 Groundwater in a changing environment	572,830	0	10%	277,610	52%
Theme 3 Addressing water scarcity and quality	682,250	0	7%	448,175	34%
Theme 4 Water and human settlements of the future	411,180	0	9%	277,638	32%
Theme 5 Ecohydrology, engineering harmony for a sustainable world	450,930	0	19%	277,618	38%
Theme 6 Water education, the key for water security	607,830	61,450	13%	277,511	54%

Notes: Non-official data as of 20 May 2014

\* Including additional appropriations and common costs (ONE UN contributions, HQ maintenance, communications, evaluation and other shared charges)

\*\* Excluding Additional Appropriations and including common costs.



## ANNEX VI

### LIST OF ACRONYMS AND SPECIAL TERMS USED IN THIS REPORT

ARCE	African Regional Centre for Ecohydrology
CHR	International Commission for the Hydrology of the Rhine Basin
CLEQM	Central Laboratory for Environmental Monitoring
COMSATS	Commission on Science and Technology for Sustainable Development in the South (Pakistan).
COP	Conference of the Parties
DRs	Draft Resolutions
ER	Expected Result
ERCE	European Regional Centre for Ecohydrology
FRIEND	Flow Regimes from International Experimental and Network Data Sets
GHG	Greenhouse Gas
GW	Gigawatt
G-WADI	Global Network on Water and Development Information for Arid Lands
HIDROEX	HIDROEX International Centre for Education, Capacity Building and Applied Research in Water
HQ	Headquarters
IAH	International Association of Hydrogeologists
IAHS	International Association of Hydrological Sciences
ICHARM	International Centre for Water Hazard and Risk Management
ICIWaRM	International Centre for Integrated Water Resources Management
ICSU	International Council for Science
ICQHS	International Centre on Qanats and Historic Hydraulic Structures
IFI	International Flood Initiative
IGCP	International Geoscience Programme
IGRAC	International Groundwater Resources Assessment Centre
IHA	International Hydropower Association
IHP	International Hydrological Programme
IHP-VII	Seventh Phase of the International Hydrological Programme (2008-2013)
IHP-VIII	Eighth Phase of the International Hydrological Programme (2014-2021)
IOS	Internal Oversight Service
IP	Intellectual Property
IPCC	Intergovernmental Panel on Climate Change
IRTCES	International Research and Training Centre on Erosion and Sedimentation
ISI	International Sedimentation Initiative
IUGG	International Union of Geodesy and Geophysics

IWRM	Integrated Water Resources Management
JFIT	Japanese Funds-in-Trust
MAB	Programme on Man and the Biosphere
MDGs	Millennium Development Goals
MLA	Main Line of Action
MP	Main Programme
PCCP	From Potential Conflict to Cooperation Potential
RBB	Results-Based Budgeting
RBM	Results-Based Management
RWRC	Regional Water Research Centre
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNESCO-IHE	UNESCO-IHE Institute for Water Education
UNFCCC	United Nations Framework Convention on Climate Change
UN-Habitat	United Nations Human Settlements Programme
UNU	United Nations University
WHO	World Health Organization
WIPO	World Intellectual Property Organization
WLRI	World Large Rivers Initiative
WMO	World Meteorological Organization
WWAP	UN World Water Assessment Programme
WWD	World Water Day
WWDR	World Water Development Report