WORLD WATER COUNCIL

RECOMMENDATIONS OF THE INTERNATIONAL CONFERENCE ON WORLD WATER RESOURCES AT THE BEGINNING OF THE 21ST CENTURY

WATER: A LOOMING CRISIS?

More than 300 water experts gathered in UNESCO, Paris, from 3 to 6 June 1998, to discuss matters of a possible global water crisis. The Conference was convened by the International Hydrological Programme (IHP) of UNESCO, the World Water Council and the International Association of Hydrological Sciences (IAHS). After four days of in-depth discussions, the Sense of the Conference was summarized as follows.

International Conference on World Water Resources at the Beginning of the 21st Century
UNESCO, Paris, 3-6 June 1998
DRAFT SENSE OF THE CONFERENCE
Final version

Water: a Looming Crisis?

Does the world face a looming water crisis? Yes. A new global assessment of regional freshwater resources confirms that a quarter of the world population still has no safe water supply and half lack adequate sanitation, and as a consequence people are still dying from lack of adequate water services and water related diseases. Global water quality is still declining and organic micro-pollutants continue to degrade ecosystems and habitats. Furthermore, water quality data is still unavailable in many parts of the world and inadequate in others, while in certain regions networks continue to degrade.

There are various crises. Certain parts of the World are experiencing growing scarcity, worsening pollution and over consumption, exacerbated by drought and floods; for example in the Sahel and lake Chad. Locally and regionally water resources are often exceeded by the demand for water. Demands for water services are growing and frequently along transboundary and international rivers. Population growth environmental change such as watershed degradation, including climate change, can make the prospects for continuing economic and social development look bleak. With increasing demands, managers face growing uncertainty and the prospect that their decisions will fail to provide water of adequate quantity and quality, and protect against floods, pollution events and water related diseases.

But trends are not destiny. A variety of human actions can mitigate this water crisis, change trends leading to greater crises and create opportunities for improving the quality of life, maintaining ecosystems and generating wealth and sustainable development.

A number of global gatherings have addressed water as a major issue, from the 1977 World Water Conference in Mar del Plata, Argentina, to Rio in 1992 and to recent Commission for Sustainable Development negotiations on freshwater. Many recommendations from these meetings have become the practice of certain international and national programs. But much remains to be done, especially to raise the salience of water issues to political decision-makers. This conference and its recommended actions are directed to the water community and policy makers.

Actions Needed

First, humanity must decide to take actions. Indeed, the water community is obligated to proactively seek such opportunities. Second, human actions must be taken within the framework of new partnerships among the full spectrum of users of water services, those who pay and those who benefit, political and technical professionals, ecosystems and engineering, citizens and private and public decision makers, and science and humanity. Third, actions must be participatory, transparent, creative and technically sound. Fourth, improved cost effectiveness and increasing confidence, new technology, new concepts and new ideas leading to increasing flexibility of water resources systems and the institutions that manage them are needed. Five, improved assessment and management of risk, increased reliability of traditional, technical and new demand orientated data, improved awareness of water and enhanced public participation are needed.

Better information on quantity and quality of surface and ground water, on-related areas, such as on the flora and fauna in water bodies is required. Integrated approaches to database and information management should be adopted. They should include data on natural and artificial flows. They should stress the importance of the length of record and the range of variables so those trends may be

identified. The variability of water resources in space and time, and not simply average conditions, should be available. Water related information systems should be integrated with other aspects of water management systems, especially on demand and use, and with information on comprehensive environmental management. Time and space scales of hydrological processes especially for groundwater are important.

While, participants acknowledged a basic human right to some minimum water need, quantifying that need is difficult. Water and sanitation budgets should be dramatically increased and come closer to commitments for defense and security.

The effects of human activities on water resources and the environment, in general, have to be separated from those resulting from the natural variability of climate. This is particularly important where water resources are already under great stress, such as in arid and semi arid areas. Stakeholder participation is vital to sustainable water resources management, backed by the development and implementation of new water laws. Effective policies to protect water resources, particularly groundwater sources, have to be launched.

Policy analysis using computer simulations and measures for analyzing current trends were seen as useful tools for addressing future water issues, but an integrated approach to planning for future water requirements was necessary. Such integrated approaches must consider the full spectrum of options, from structural (such as dams and channelization) to non-structural (such as conservation, pricing and bio-engineering).

A better understanding of the history of water management and its lessons is needed. Technical and non-technical people involved with water need to better communicate and educate each other. We need more and better training for younger generations. Continuing and increasing education coupled with technology transfer is needed. For example, lessons learned from floods in certain countries could provide assistance to others such as: infiltration facilities flood proofing techniques and quantitative precipitation forecasting. Protection by dikes is necessary on large rivers while effective warning and evacuation systems were vital in order to reduce the toll of deaths.

Improved and integrated water management requires better sense of the costs and value of water. Water pricing in agriculture, the dominant use of water world wide, highlights this need. Water is a social as well as an economic good. Participants debated the meaning of "value", "price", and economic good. Some suggested using services rather then economic good. Others suggested using opportunity costs. Participants agreed that water services should not be free of charge but paid for at a socially affordable level. However, that level will differ among cultures and circumstances.

A variety of institutional and legal systems exist which allow nations to make their own approaches to water resources management. They include public and private options, usership as opposed to ownership and demand management against needs based planning. Integrated water resources management has to take into account economic, social, cultural and environmental aspects along with principles such as "the polluter pays". While water markets function in some areas the viability of market mechanisms requires study. Participants called for a major world forum to debate the theoretical and practical issues behind the notion of water as an economic good.

While water offers potential for conflict, it provides a powerful tool for cooperation. Water has often been the vehicle for parties in adversarial relationships to talk. It has been and should be seen as a major opportunity for second track diplomacy and peace building.

These actions are directed to ongoing global efforts such as: the Intergovernmental Hydrological Programme (IHP) of UNESCO, the 1999 World Science Conference, the Water Vision of the World Water Council, the Second Global Assessment and the Encyclopedia of Life Support Systems.

International Conference on World Water Resources at the Beginning of the 21st Century
Water: a looming crisis?
UNESCO Paris 3-6 June 1998

FINAL LIST OF PARTICIPANTS
324 participants

Mr M.A. Abdel Khalek
Drainage Research Institute
National Water Research Center
P.O. Box 13621/5
Delta Barrages (El-Kanater)
Cairo, Egypt
Email: drains@idsc1.gov.eg
Fax: + 20 2 2189153
Tel: + 20 2 2189383

Mr J. Al-Sumait Abdulaziz
Deputy Director of Groundwater Projects Administration
Ministry of Electricity and Water
Al-Riqui, Safat
State of Kuwait
Fax: + 965 4898328; Tel: + 965 4881639

Dr M. Abu Zeid
Minister of Public Works and Water Resources
Arab Republic of Egypt
Kornish el-Nil, Imbaba
Giza, 12666 Cairo
Egypt
Fax: + 20 2 3123257
Tel: + 20 2 3123248

Ms Muzaffer Adali
Chercheuse, journaliste
12, Rue du Bac
75007 Paris
France
Email: muzafferadali@hotmail.com
Fax: + 33 (0) 1 42 86 07 85
Tel: + 33 (0) 1 42 86 07 85

Dr A.J. Adeloye
Heriot-Watt University
Department of Civil and Offshore Engineering
Riccarton
Edinburgh EH14 4AS
United Kingdom
Email: a.j.adeloye@hw.ac.uk
Fax: + 44 131 451 5078
Tel: + 44 131 44 95 111

Mr Iyad Aflak
Permanent Delegation of Iraq to UNESCO
1, Rue Miollis
75015 Paris, France

Prof. A. Afouda
Président de l'Association Africaine d'Hydrologie (AAH)
B.P. 7082 Cotonou
Benin
Email: afoudab@intnet.bj
Fax: + 229 31 38 09; Tel: + 229 32 16 79

Mr A. Agbozouhoue
Président du Conseil d'Administration
Régie Nationale des Eaux du TOGO (RNET)
53, Avenue de la Libération
BP 1301 Lome
Togo
Fax: + 228 21 68 12
Tel: + 228 21 38 25

Ms S. Akmansoy
(University of Texas at Austin)
Center for Research in Water Resources
182 rue Royale, Boite 9
1000 Brussels
Belgium
Email: akmansoy.s@pg.com
Fax: + 32 2 456 2840; Tel: + 32 2 217 8432

Ms U. Z. Alam
Geography Department
Durham University
Durham DH1 3LE
United Kingdom
Email: u.z.alam@durham.ac.uk
Fax: + 44 191 374 2456; Tel: + 44 191 374 2462

Mr S.B.N. Al-Habsi
Director of Field Statistical Directorate
Ministry of Water Resources
c/o Permanent Delegation of the Sultanate of Oman to UNESCO
1, Rue Miollis
75015 Paris, France

Mr A.B. K. Al-Hatimi
Chief of Executive Division of the Directorate of Aflag and Wells4
Ministry of Water Resources
c/o Permanent Delegation of the Sultanate of Oman to UNESCO
1, Rue Miollis
75015 Paris, France

Ms H. Alsayad
47, Rue des Acacias
75017 Paris, France
Tel: + 33 (0) 1 69 25 44 04

Dr Ali Saad Altokhais
Ministry of Agriculture and Water
Water Resources Development Dept
P.O. Box 57616
Riyadh 11584, Saudi Arabia
Fax: + 966 1 402 2479; Tel: + 966 1 402 2479

Mr G. Alvarez Perez
Geasyt SA
Empresa de Ingenieria
c/Infanta Mercedes, 21
Madrid 28020, Spain
Email: geasyt@redestb.es
Tel: + 34 91 579 56 94
Fax: +34 91 570 51 04

Dr A. M. Amer
Irrigation & Hydraulics Department
Faculty of Engineering
Cairo University
Giza, Egypt
Fax: + 20 2 572 3486
Tel: + 20 2 722151 - 726500

Ms F. Anderson
IWRA International Water Resources Association
4535 Faner Hall
Southern Illinois University
Carbondale, IL 62901 4516, USA
Email: faye@uwin.siu.edu
Fax: + 1 618 453 6453; Tel: + 1 618 453 2671

Mr - Andreassian
CEMAGREF
Division Hydrologie
BP 44
92163 Antony Cedex
France
Email: vazken.andreassian@cemagref.fr
Fax: + 33 (0)1 40 96 61 99
Tel: + 33 (0)1 40 96 62 58

Prof. J. Antoine
Academie de l'Eau
Ceger Opinion
27, Rue Taitbout
75009 Paris, France
Fax: + 33 (0)1 40 22 92 03
Tel: + 33 (0)1 40 22 05 22

Ms Alice Aureli
Programme Specialist IHP
UNESCO Division of Water Sciences
1, Rue Miollis
75732 Paris Cedex 15
France
Email: ihp@unesco.org
Fax: + 33 (0)1 45 68 58 11
Tel: + 33 (0)1 45 68 40 02

Ms P. Avila Garcia
Water and Society Program
El colegio de Michoacan A.C.
Martinez de Navarrete 505
Las Fuentes, C.P. 59690 Zamora
Mich.
Mexico
Email: coloquio@colmich.cmich.udg.mx
Fax: + 52 351 5 53 07; + 52 351 5 29 10
Tel: + 52 351 252 79 505 50

Prof. V.I. Babkin
State Hydrological Institute
23 Second Line
St Petersburg 199053
Russian Federation
Email: ishiklom@sovam.com
Fax: + 7 812 213 1028; Tel: + 7 812 213 3517

Mr T Bakkum
Associate Expert
UNESCO-IHP/CATHALAC
P.O. Box 873372
Panama 7, Rep. de Panama
Email: TBakkum@Sinfo.net
Fax: + 507 228 3311
Tel: + 507 229 7072 or 7944

Mr Yahia Bakour
Arab Organization for Agricultural Development (AOAD)
P.O. Box 474
Khartoum, Sudan
Email: aoad@sudanet.net
Fax: + 249 11 471402; Tel: + 249 11 471374

Mr – Balo
Permanent Delegation of the Cote d'Ivoire to UNESCO
1, Rue Miollis
75015 Paris, France
Tel: + 33 (0)1 45 68 33 44

Dr J.A. Balonishnikova
State Hydrological Institute
23 Second Line
St Petersburg 199053
Russian Federation
Email: ishiklom@sovam.com
Fax: + 7 812 213 1028
Tel: + 7 812 213 3517

Mr B. Barraqué
CNRS-LATTS, ENPC
Cité Descartes
F 77455 Marne la Vallée Cedex 2
France
Email: barraque@latts.enpc.fr
Tel: + 33 (0)1 64 15 38 23
Fax: + 33 (0)1 64 15 38 47

Mr P. Barré
Ministère des Affaires Etrangères
DGRCST
244 bld Saint Germain
75007 Paris, France
Email: philippebarre@diplomatic.fr
Fax: + 33 (0)1 43 17 80 25
Tel: + 33 (0)1 43 17 80 22

Dr M.S. Basson
BKS (Pty) Ltd Eng and Management
PO Box 3173
Pretoria 0001
South Africa
Email: thinusb@bks.co.za
Fax: + 27 12 421 3501
Tel: + 27 12 421 3500

Dr M. Batisse
Président
Plan Bleu pour la Méditerranée
c/o UNESCO
1, Rue Miollis
75015 Paris, France
Fax: + 45 68 58 04
Tel: + 45 68 40 51

Prof. L.R. Batra
EOLSS
45 M Ridge Road
Greenbelt MD 20770
USA
Email: batra.faeolss@erols.com
Fax: + 1 301 474 4638; Tel: + 1 301 474 2037

Ms A. Baer
Independent Consultant
68, Bd Arago
75013 Paris, France
Fax: + 33 1 45 51 20 25; Tel: + 33 1 43 36 78 65

Mr J.O. Bassey
Fed. Min. of Water resources
Area 1, PMB 159
Garki, Abuja
Nigeria
Fax: + 234 9 234 3714; Tel: + 234 9 234 25 20

Ms – Bekkada
Paris X
(Laboratoire de recherche sur l'information)
152, Rue de Charonne
75011 Paris, France
Tel: + 33 (0)1 43 79 52 28

Mr D. Benstaali
Ministre Plenipotentiaire, Vice-President
Association Internationale des elus et Amis de l'Ecologie
10 B Residence du Val
91120 Palaiseau, France
Tel: + 33 (0)1 485 66 173

Mr A. Bilal
Damascus University and ACSAD
P.O. Box 9487
Damascus, Syria
Fax: + 963 11 6610926; Tel: + 963 11 6622418

Mr J. Bindé
UNESCO-Analysis Forecasting Office (AFO)
7, Place Fontenoy
75732 Paris 07, France
Fax: + 33 (0)1 45 68 55 60
Tel: + 33 (0)1 45 68 12 08

Mr V. Blatov
Permanent Delegation of the Federation of Russia to UNESCO
Counsellor
8, Rue de Prony
75017 Paris, France
Email: dl.russie@unesco.org
Fax: + 33 1 42 67 51 99; Tel: + 33 1 42 12 84 34

Mr Janos Bogardi
Programme Specialist IHP
UNESCO Division of Water Sciences
1, Rue Miollis
75732 Paris Cedex 15
France
Email: ihp@unesco.org
Fax: + 33 1 45 68 58 11; Tel: + 33 1 45 68 40 02

Mr Mike Bonell
Programme Specialist IHP
UNESCO Division of Water Sciences
1, Rue Miollis
75732 Paris Cedex 15
France
Email: ihp@unesco.org
Fax: + 33 1 45 68 58 11; Tel: + 33 1 45 68 40 02

Mr Y. Boubenider
Agence de l'Eau Seine Normandie
51, Rue Salvador Allende
92025 Nanterre Cedex
France
Email: boubenider.yazid@aesn.fr
Fax: + 33 (0)1 41 20 16 09
Tel: + 33 (0)1 41 20 19 70

Mr M. Bousquet
CEMAGREF
Parc de Tourvoie
BP 44
F-92163 Antony Cedex
France
Email: mathieu.bousquet@cemagref.fr
Fax: + 33 1 40 96 61 42; Tel: + 33 1 40 96 61 35

Prof. B. Braga
Department of Hydraulic and Sanitary Engineering
Civil Engineering bldg
Av. Almeida Prado, 271
05508-900 Sao Paulo, SP
Brazil
Email: iwra@edu.usp.br
Fax: + 55 11 818 53 24; Tel: + 55 11 818 5168

Prof. M. Brilly
University of Ljubliana
IHP NC of Slovenia
Haudruhova 28
1000 Ljubliana
Slovenia
Email: mbrily@fagg.upi.-Li.si
Fax: + 386 61 219 897; Tel: + 386 61 125 3324

Mr S. Bruk
c/o UNESCO, SC/HYD
1, Rue Miollis
75015 Paris
France
Tel: + 33 (0)1 45 68 41 65

Prof. Dr Jochen Bundschuh
Universidad Nacional de Salta, Fac. de Cs. Naturales
Instituto de Aguas Subterráneas para Latinoamérica INASLA
4400 Salta, Polo Sur 27
Buenos Aires 177
Argentina
Email: inasla@ciunsa.edu.ar
Fax: + 54 87 319 026; Tel: + 54 87 316 342
Present address: Hohekreuzstr.8, 73434 Aalen, Germany
Tel: + 49 7366 919 166; Fax: + 49 7366 919 167

Mme Teresa de Bundschuh
UNSa
Hohekreuzstr. 8
73434 Aalen
Germany
Fax: + 49 7366 919 167; Tel: + 49 7366 919 166

Mr A. Cadiou
Agence de l'Eau Seine-Normandie
51 rue Salvador Allende
92027 Nanterre Cédex
France
Email: cadiou.alain@aesn.fr
Fax: + 33 (0)1 41 20 16 09
Tel: + 33 (0)1 41 20 18 07

Prof. P.P. Canisius
German Commission for UNESCO
Colmantstrasse 15
D-53115 Bonn
Germany
Email: dispatch@unesco.de
Fax: + 49 228 6 04 97 30; Tel: + 49 228 6 04 97

Mr R. Cans
Journaliste
6, Rue de l'Eglise
72510 St Jean de la Motte, France
Fax: + 33 (0)2 43 45 37 50
Tel: + 33 (0)2 43 45 37 50

Dr Laura Carbognin
ISDGM
National Research Council of Italy
S. Polo 1364
30125 Venice, Italy
Email: laurac@isdgm.ve.chr.it
Fax: + 39 41 5216892; Tel: + 39 41 521 6833

Ms A.C. Cardoso
Environment Institute JRC
T.P. 290
I - 22020 ISPRA (Varese), Italy
Email: ana-cristina.cardoso@jrc.it
Fax: + 39 332 789352; Tel: + 39 332 785702

Ms N. Casellini
WWF International
Avenue du Mont-Blanc
1196 Gland
Switzerland
Email: gfw@wwfnet.org
Fax: + 41 22 364 78 50; Tel: + 41 22 364 92 07

Ms G. Castillo
Permanent Delegation of Costa Rica to UNESCO
5, Rue St Nicols
75012 Paris, France
Tel: + 33 (0)1 44 75 03 91

Dr - Cernesson
Engref
LCT Engref - Cemagref
Maison de la Télédetection
500, Rue Jean-François Breton
36093 Montpellier Cedex 5
France
Email: cernesson@teledetection.fr
Fax: + 33 (0)4 67 54 87 00
Tel: + 33 (0)4 67 54 87 21

Mr I. Cheret
Academie de l'Eau
51, Rue Salvador Allende
92027 Nanterre
France
Fax: + 33 (0)1 41 20 16 09; Tel: + 33 (0)1 41 2016 30

Prof. G. Chernogaeva
Institute of Global Climate and Ecology
Russian Academy of Sciences
Glebovskaya st 20
Moscow 107 258
Russian Federation
Fax/Tel: + 7 095 200 43 87

Dr P. Claps
DIFA Università Basilicata
Via della Tecnica 3
85100 Potenza, Italy
Email: claps@unibas.it
Fax: + 39 971 56537; Tel: + 39 971 474638

Dr Bente Clausen
Department of Civil Engineering
University of Canterbuy
Private Bag 4800
Christchurch
New Zealand
Email: b.clausen@civil.canterbury.ac.nz
Fax: + 64 3 364 2758; Tel: + 64 3 364 2951

Dr Ian Cordery
The University of New South Wales
School of Civil & Environmental Engineering
Sydney 2052
Australia
Email: i.cordery@unsw.edu.au
Tel: + 61 2 9385 5024; Fax: + 61 2 9385 6139

Mr - Coulomb
Suez Lyonnaise des Eaux
72, Avenue de la Liberté
92753 Nanterre Cédex
France
Email: coulomb@lesiege4.suez-lionnaise-eau.fr
Fax: + 33 (0)1 46 95 51 91
Tel: + 33 (0)1 46 95 52 33

Mr A. Courtecuisse
Agence de l'Eau Artois Picardie
200, Rue Marceline
BP 818
59508 Douai Cédex, France
Fax: + 33 3 27 99 90 15; Tel: + 33 3 27 99 90 60

Mr N. Danenov
Ambassador, Permanent Delegate
Permanenet Delegation of Kazakhstan to UNESCO
59, Rue Pierre Charron
75116 Paris, France
Fax: + 33 1 45 61 52 01; Tel: + 33 1 45 61 52 00

Ms France Dantin
Schlumberger - Sofitech
140, Rue de Stalle
1040 Bruxelles, Belgium
Email: dantin@brussels.sl.slb.com
Fax: + 32 2 3322464; Tel: + 32 2 3331933

Mr - Dargent
Agence de l'Eau Seine Normandie
51, Avenue S. Allende
92027 Nanterre Cédex, France
Fax: + 33 1 41 20 16 09; Tel: + 33 1 41 20 16 00

Prof Dr Louis W. De Backer
Green - Belgium
182 B, Rue des Combattants
B-1301 Bierges
Belgium
Email: debacker@geru.ucl.ac.be
Fax/Tel: + 32 10 416006

Mr R. Delavigne
IAURIF
15, Rue Falguiere
75740 Paris Cedex 15
France
Fax: + 33 1 53 85 77 74; Tel: + 33 1 53 85 77 71

Mr C. Dem
FICEMEA
29, Avenue Georges Mandel
75116 Paris
France
Tel: + 33 1 42 04 18 15

Ms B. de Vanssay
Academie de l'eau
45, Rue des Saints Peres
75270 Paris Cedex 06
France
Fax: + 33 (0)1 42 86 04 02
Tel: + 33 (0)1 42 86 20 98

Mr Marq de Villiers
Jacobus Corp.
P.O. Box 801
66 Fox St.
Lunenburg, Nova Scotia BOJ 2CO
Canada
Email: jacobus@fox.nstn.ca
Fax/Tel: + 1 902 6344874

Ms Eliza Diaconescu
Permanent Delegation of Romanie to UNESCO
S1 16 UNESCO House
1, Rue Miollis
75015 Paris, France
Email: dl.roumanie@unesco.org
Tel: + 33 1 45 68 26 72

Mr Bert Diphoorn
Senior Policy Advisor
Integrated Water Resources Management
Ministry of Foreign Affairs
P.O. Box 200612500 EB The Hague
The Netherlands
Email: diphoorn@dml.minbuza.nl
Tel: + 31 70 348 4518; + 31 70 348 4303

Engr. A.A. Dogendaji
Fed. Min. of Water Resources and Rural Dev.
Area 1, PMB 159
Garki, Abuja, Nigeria
Fax: + 234 9 234 26 65; Tel: + 234 9 234 24 15

Ms Maria C. Donoso
CATHALAC
P.O. Box 873372
Panama 7
Republica de Panama
Email: cathalac@sinfo.net
Tel: + 507 228 7072 or 7944
Fax: + 507 228 3311

Prof J.C.I. Dooge
2, Belgrave Road
Monkstown
County Dublin, Ireland
Fax: + 353 12 80 65 83

Mr P. Dozolme
DGA, Ministère de la Défense
DGA/DRI/SDPF/IES
26, Boulevard Victor
00460 ARMEES, France
Fax: + 33 (0)1 45 52 74 34
Tel: + 33 (0)1 45 52 71 70

Prof. L. Duckstein
GRESE ENGREF
(Ecole Nationale du Genie Rural des Eaux et des Forêts)
19, Avenue du Maine
F - 75732 Paris Cedex 15, France
Email: duckstein@engref.fr
Fax: + 33 (0)1 45 49 88 27
Tel: + 33 (0)1 45 49 89 31

Professor Viktor Dukhovny
Scientific Information Centre
Interstate Water Commission Aral Sea Basin
Build. 11, M Kazasu 4
700187 Tashkent, Uzbekistan
Email: usic@worldbank.org
Fax: + 7 371 2 650558; Tel: + 7 371 2 650955

Mme A. Dubosc
Agence de l'Eau Seine-Normandie
51 rue Salvador Allende
92027 Nanterre Cédex, France
Fax: + 33 1 41 20 16 09
Tel: + 33 1 41 20 19 21

Mr X. Durand-Delacre
Agence de l'Eau Seine-Normandie
51, Rue Salvador Allende
92027 Nanterre Cedex, France
Email: durand_delacre.xavier@aesn.fr
Fax: + 33 (0)1 41 20 16 24
Tel: + 33 (0)1 41 20 17 02

Prof. Siegfried Dyck
Dresden University of Technology Emeritus
Georg-Schumann-Str. 14
Dresden, D-01187, Germany
Tel: + 49 0351 471 2068

Mr B. Dziegielewski
Incoming Executive Director of IWRA
Department of Geography
4535 Faner Hall
Southern Illinois University Carbondale
Illinois 62901, USA
Email: bendzieg@siu.edu
Fax: + 1 618 453 2671; Tel: + 1 618 453 6021

Mr – Elhachimi
Agence de Presse MAP
4, Place de la Concorde
75008 Paris, France
Fax: + 33 (0)1 42 66 26 43
Tel: + 33 (0)1 42 65 40 45

Ms C. Engelbrecht
Permanent Delegation of Venezuela to UNESCO
UNESCO House, S220
1, Rue Miollis
75015 Paris, France
Tel: + 33 1 45 68 25 32

Dr Paul R. Epstein
Center for Health and the Global Environment
Harvard Medical School
Oliver Wendell Holmes Society
260, Longwood AvenueBoston
Massachusetts 02115
USA
Email: pepstein@warren.med.harvard.edu
Fax: + 1 617 432 2595; Tel: + 1 617 432 0493

Mr Heidi Farah
Farah Conseil
Place Triton
BF 829
94350 Villiers/Marne
France
Email: farah_h@vnam.cnam.fr
Tel: 33 1 49 41 12 66

Mr Carlos Fernandez-Jauregui
Programme Specialist in Environmental Sciences
(Hydrology)
UNESCO Montevideo Office
Avenida Brasil 2697
PO Box 859
11300 Montevideo
Uruguay
Email: uhcfj@unesco.org.uy
Fax: + 598 2 77 21 40
Tel: + 598 2 77 20 23

Mr J-M Fresnel
Conseiller spécial domaine de l'eau
Ingénieur-consultant international
Agence des Cités Unies pour la cooperation
Nord-Sud. NGO in consultative status
with UN (ECOSOC-Cat.II)
Technoparc du Pays de Gex, Rue G. Eiffel
01630 Saint Genis Pouilly, France
Fax: + 33 4 50 20 67 24
Tel: + 33 4 50 20 66 98

Dr J-M Fritsch
ORSTOM
Representing ICID
ORSTOM BP 5045
34032 Montpellier Cedex, France
Email: fritsch@mpl.orstom.fr
Fax: + 33 (0)4 67 54 71 06
Tel: + 33 (0)4 67 41 64 31

Prof Yoshihiro Fukushima
Institute for Hydrospheric-Atmospheric Sciences
Nagoya University
Nagoya 464 8601, Japan
Email: Yoshi@ihas.nagoya-u.ac.jp
Fax: + 81 52 7893436; Tel: + 81 52 7893474

Mr G. Gambolati
University of Padova-Italy
DMMMSA via Belzoni 7
35100 Padova, Italy
Email: gambo@dmsa.unipd.it
Fax: + 39 49 8275995; Tel: + 39 49 827 59 16

Ms M-L Gaspar
Agence EFE (Presse)
10 rue Saint Marc
75002 Paris, France
Fax: + 33 (0)1 42 74 08 07
Tel: + 33 (0)1 44 82 65 44

Dr V. Yu. Georgiyevsky
State Hydrological Institute
23 Second Line
St Petersburg 199053
Russian Federation
Email: ishiklom@sovam.com
Fax: + 7 812 213 1028; Tel: + 7 812 213 3517

Mr M. Ghanem
Technische Universität Bergakademie Freiberg (Sachs.)
Institut fur Geologie/LS Hydrogeologie
Gustav-Zeuner-Strasse 12
Freiberg(Sachs) D-09599, Germany
Email: ghanem@student.tu-freiberg.de
Fax: + 49 3731 39 27 20
Tel: + 49 3731 39 27 92

Mr Wilfried H. Gilbrich
UNESCO Consultant
2, Avenue du Vert Bois
92410 Ville d'Avray, France
Tel: + 33 (0)1 47 09 23 51

Mr P.H. Gleick
President, Pacific Institute for Studies in Development, Environment and Security
654 13th St.reet
Preservation Park
Oakland, California 94612, USA
Email: pgleick@pipeline.com
Fax: + 1 510 251 2203; Tel: + 1 510 251 1600

Mr E. Goldberg
OECD
2, Rue André Pascal
75775 Paris Cedex 16, France
Email: eduard.goldberg@oecd.org
Fax: + 33 (0)1 45 24 78 76
Tel: + 33 (0)1 45 24 79 10

Prof. G. Golubev
Professor, Faculty of Geography
Moscow State University
119899 Moscow
Russian Federation
Email: gng@global.geogr.msu.su
Fax: + 7 095 932 8836; Tel: + 7 095 939 3962

Ms A. Gonzalez
Permanent Delegation of Argentina to UNESCO
UNESCO House
1, Rue Miollis
75015 Paris, France
Email: aw.gonzalez@unesco.org
Fax: + 33 (0)1 45 68 34 38
Tel: + 33 (0)1 45 68 34 37

Mr C. Green
Flood Hazard Research Centre
Middlesex University
Enfield EN3 4SF
United Kingdom
Fax: + 44 (0)181 362 5403

Mrs D. Guichard
Académie de l'Eau
51, Rue Salvador Allende
92027 Nanterre Cédex, France
Email: comin@aesn.fr
Fax: + 33 (0)1 41 20 16 09
Tel: + 33 (0)1 41 20 18 42

Prof. Dr G. Gunay
Int. Res. & App. Center for Karst Water Resources
Hacettepe University
06532 Beytepe Ankara
Turkey
Email: gunay@jeo.hun.edu.tr
Fax: + 90 312 299 21 36; Tel: + 90 312 235 2543

Mr Alan Gustard
Institute of Hydrology
Maclean Building
Crowmarsh Gifford
Wallingford, Oxfordshire OX10 8BB
United Kingdom
Email: friend@ioh.ac.uk
Tel: + 44 (0)1491 838800
Fax: + 44 (0)1491 692430

Prof. André Hade
Département de chimie
Université du Québec à Montréal
CP 8888 succursale Centre-Ville
Montréal, Qué.H3C 3P8
Canada
Email: hade.andre@uqam.ca
Fax: + 1 514 987 4054; Tel: + 1 514 987 3000 poste 8232

Mr Barakat Hadid
Vice Minister
Ministry of Irrigation
P.O.Box 4451
Damascus
Syria
Fax: + 963 11 2246888
Tel: + 963 11 2218251

Dr Y. Hassanzadeh
University of Wales
Cardiff School of Engineering
Division of Civil Engineering
Cardiff, Wales CF2 1XH
United Kingdom
Email: HASSANZADEHY@Cardiff.uc.uk
Fax: 44 1222 874597
Tel: 44 1222 874000 extn 5737

Mr P. E. Hehanussa
Director and Senior Scientist
Research and Development Center for Limnology
Indonesian Institute of Science
Komplek Life Science Center Cibinong
Cibinong 16911
Indonesia
Email: phnussa@link.net.id
Fax: + 62 21 875 7076
Tel: + 62 21 875 7071

Prof. A. Herrmann
Institute for Geography and Geoecology
Technical University
Braunschweig
Langer Kamp 19c, D-38106
Germany
Email: herrmann@ifgug.nat.tu-bs.de
Fax: + 49 531 391 8170; Tel: + 49 531 391 5607

Mr. M. Hessamfar
103 rue de l'Abbé Groult
75015 Paris
France
Tel: 33 1 45 33 25 96

Dr S. Hijazin
Ministry of Water and Irrigation
P.O. Box 2412
Amman
Jordan
Fax: + 962 656 79143
Tel: + 962 656 80100

Ms Sheila Hirtle
Jacobs Corp.
Box 801
Lunenburg, Nova Scotia BOJ 2C0
Canada
Email: Jacobus@fox.ngtn.ca
Fax: + 1 902 634 4874; Tel: + 1 902 634 3331

Prof. K. Hofius
Bundesanstalt fur Gewasserkunde
IHP/OHP Sekretariat
Postfach 309
D- 56003 Koblenz
Germany
Email: hofius@koblenz.bfg.bund.400.de
Fax: + 49 261 1306 5422; Tel: + 49 261 1306 5313

Mr M. S. Hood
United States Bureau of Reclamaton
Department of the Interior, International Affairs
Room 7443
1849 C Street N.W.
Washington D.C. 20240
USA
Email: mhood@usbr.gov
Fax: + 1 202 208 3394; Tel: + 1 202 208 3644

Mr J-M Hoogeveen
Division de la mise en valeur des terres et des eaux (AGL)
Organisation des Nations Unies pour l'alimentation et l'agriculture (FAO)
Viale delle Terme di Caracalla00100 Rome
Italy
Email: jeanmarc.faures@fao.org
Fax: + 39 6 57056275; Tel: + 39 6 57053949

Dr P. Hubert
URA CNRS Sysiphe
Ecole des Mines de Paris
35, Rue Saint Honoré
77305 Fontainebleau
France
Email: hubert@cig.ensmp.fr
Fax: + 33 1 64 69 47 03; Tel: + 33 1 64 69 47 40

Ms C. Irving
Permanent Delegation of Australia to UNESCO
c/o Australian Embassy
4, Rue Jean Rey
75015 Paris, France
Email: carolyn.irving@dfat.gov.au
Fax: + 33 (0)1 405 93416
Tel: + 33 (0)1 405 93 410

Mr R.H. Ives
United States Bureau of Reclamation
Department of the Interior (International Affairs)
1849 C Street N.W., Room 7443
Washington DC 20240
USA
Email: rives@usbr.gov
Fax: + 1 202 208 3394; Tel: + 1 202 208 5235

Mr Jamal Jamaleddin
Ministry of Irrigation
P.O. Box 10702
Damascus
Syria
Fax: + 963 11 3338496; Tel : + 963 11 3338319

Mme E. Jaskulke
Lyonnaise des Eaux
Cellule Ile de France
300, Rue Paul Vaillant Couturier
92000 Nanterre
France
Email: jaskulke@pifceb.suez-lyonnaise-bax.fr
Fax: + 33 (0)1 46 97 52 88; Tel: + 33 (0)1 46 97 52 57

Mr A. B. Jauro
Lake Chad Basin Commission
Boîte Postale 727
N'Djamena
Tchad
Email: lcbc@intnet.td
Fax: + 235 52 41 37
Tel: + 235 52 41 45 or 52 39 3

Dr.K. H Jensen
Technical University of Denmark
ISVA, Building 115
DK-2800 Lyngby
Denmark
Email: KHJ@isva.dtu.dk
Fax: + 45 45 93 28 60; Tel: + 45 45 25 14 62

Mr D. Jiao
Director of Department of Hydrology
Ministry of Water Resources
Chairperson of Chinese National Committee for IHP of UNESCO
c/o Permanent Delegation of the Peoples' Republic of China to UNESCOM7.19
UNESCO
1, Rue Miollis
75015 Paris, France

Mr – Johannes
Agence de l'eau Seine-Normandie
52, Avenue S. Allende
92027 Nanterre, France

Dr A. Ivan Johnson
AIJ Consulting
7474 Upham Court
Arvada, Colorado
USA
Fax: + 1 303 425 5655; Tel: + 1 303 425 5610

Ms I. Johansson
Swedish Natural Science Research Council
PO Box 7142
S-10387 Stockholm
Sweden
Email: irene.johansson@nfr.se
Fax: + 46 8 454 42 50; Tel: + 46 8 454 42 13

Prof. Z. Kaczmarek
Institute of Geophysics
Ks Janusza 64
01 - 452 Warsaw
Poland
Email: kaczmar@igf.edu.pl
Fax: + 48 22 6 915 915; Tel: + 48 22 6 915 851

Mr Frank Kaspar
Center for Environmental Systems Research,
University of Kassel
Kurt-Wolters-Strasse 3
D-34109 Kassel
Germany
Email: kaspar@usf.uni-kassel.de
Fax: + 49 5618043176
Tel: + 49 5618043073

Dr J. Khouri
ACSAD
P.O. Box 2440
Damascus
Syria
Fax: + 963 11 532 3063
Tel: + 963 11 532 3087 or 532 3039

Mr V. Khrystych
Permanent Delegation of Ukraine to UNESCO
UNESCO House MS1.20
1, Rue Miollis
75015 Paris, France
Fax: + 33 (0)1 45 68 26 61
Tel: + 33 (0)1 45 68 26 42

Professor Vitaly Kimstach
Deputy Executive Secretary
Arctic Monitoring and Assessment Programme
Stromsveien 96
P.O. Box 8100 Dep.
N- 0032 Oslo, Norway
Email: vitaly-a.kirnstach@sftospost.md.dep.telemax.no
Fax: + 47 22 67 67 06; Tel: + 47 22 57 36 34

Dr Janusz Kindler
SCOWAR
c/o Warsaw University of Technology
Institute of Environmental Engineering Systems
Nowowiejska 20
Warsaw 00-653, Poland
Email: jkindler@iis.pw.edu.pl
Fax: + 48 22 625 43 05; Tel: + 48 22 621 89 93

Ms C. Kirby
Mount Studio, The Courtyard
Ewelme, Wallingford
Oxon OX10 6HP, United Kingdom
Email: ck@mail.nwl.ac.uk
Fax: + 44 1491 692424; Tel: + 44 1491 692 360

Dr G. Kite
International Water Management Institute
Agrohydrology Research and Training Center
35660 Menemen
Izmir, Turkey
Email: g.kite@cgnet.com
Tel/Fax: + 90 232 831 3565

Mr B. Kline
Journalist RFI-BBC
19, Allée Louise Labé
75019 Paris, France
Email: klineb@aol.com
Tel: + 33 (0)1 40 40 93 75

Mr W. Klohn
FAO
Viale delle Terme di Caracalla
00100 Rome, Italy
Email: Wulf.Klohn@fao.org

Dr Vladimir Konovalov
Central Asian Research Scientific
Hydrometeorological Institute (SANIGMI)
Glavgidromet of Uzbekistan
72 k. Makhsumova St.
Tashkent 700052, Uzbekistan
Email: sanigmi@gimet.gov.uz
Fax: + 7 371 2 133 11 50

Prof. E.A. Kontar
Corresponding Member of Russian Academy of Natural Sciences
Head, Experimental Methods Laboratory
P.P. Shirshov Institute of Oceanology
36 Nakhimovskiy Prospekt
Moscow 117218
Russian Federation
Email: kontar@cityline.ru
Fax: + 7 095 124 5983; Tel: + 7 095 129 2181

Prof. N. Koronkevich
Institute of Geography
Russian Academy of Sciences
29 Staromonetny
Moscow 109017
Russian Federation
Email: geography@glas.apc.org.
Fax: + 7 095 959 00 33; Tel: + 7 095 925 34 06

Prof. V. M. Kotlyakov
Institute of Geography
Russian Academy of Sciences
Staromonetny St. 29
Moscow 109017
Russian Federation
Email: geography@glas.apc.org
Fax: + 7 095 959 00 33; Tel: + 7 095 959 00 32

Mr I. Kovacic
Water Management Institute
Water Management Department
Hajdrihova 28 p.p. 3401
1115 Ljubljana
Slovenia
Email: igor.kovacic@guest.arnes.si
Fax: + 386 61 12 64 162; Tel: + 386 61 17 75 306

Mr Y. Kovacs
Sepia Conseils
4, Rue Beranger
75003 Paris
France
Email: yk@sepia-conseils
Fax: + 33 (0)1 42 71 85 24
Tel: + 33 (0)1 53 01 92 95

Prof. J.J. Kozak
Iowa State University
107, Beardshear Hall
Ames, Iowa 50011-2021
USA
Email: kozak@iastate.edu
Fax: + 1 515 294 8844; Tel: + 1 515 294 00 70

Mr D. Kraemer
WMO
Hydrology and Water Resources Department
41, Avenue Giuseppe-Motta
Case postale 2300CH -1211 Geneva
Switzerland
Fax: + 41 22 7348 250

Prof. S.W. Kundzewicz
Reg. Centre of Agr. and Forest Env.
Polish Academy of Science
Bukowska 19
60 809 Poznan
Poland
Email: zkundze@man.posnan.pl
Fax: + 48 61 84 75 668; Tel: + 48 618 475 601

Mr P. Lachassagne
BRGM
Direction de la Recherche
1039, Rue de Anville
Montpellier 34000, France
Email: p.lachassagne@brgm.fr
Fax: + 33 (0)4 67 64 58 51
Tel: + 33 (0)4 67 15 79 73

Ms Vera Lacoeuilhe
Permanent Delegation of St Lucia to UNESCO
21bis, Avenue d'Iéna
75116 Paris, France
Fax: + 33 (0)1 40 70 18 91
Tel: + 33 (0)1 53 23 80 23

Dr J. Ladel
c/o SC/HYD UNESCO
1, Rue Miollis
75732 Paris Cedex 15, France
Email: tibo_ladel@magic.fr
Fax: + 33 1 45 68 58 11; Tel: + 33 1 45 68 40 03

Mr A. Lahlou Abid
Directeur Financier
Office National de l'Eau Potable
6bis, Rue Patrice Lumumba
BP Rabat-Chellah, 1002 Rabat
Morocco
Fax: + 212 773 17 76
Tel: + 212 772 12 81

Ms A. Lamy
UNICEF
39, Rue des Sablons
77300 Fontainebleau, France
Fax: + 33 (0)1 64 22 79 13
Tel: + 33 (0)1 64 22 71 19

Ms – Lamy-Contaret
4, Rue Franklin
92600 Asnieres-sur-Seine
France
Email: ary_f@club-internet.
Tel: + 33 (0)1 47 90 32 70

Mrs M-T Laterza
Embassy of Paraguay
1, Rue Saint Dominique
75007 Paris, France
Email: amb.paraguay@wanadoo.fr
Fax: + 33 (0)1 42 22 83 57
Tel: + 33 (0)1 42 22 85 05

Mr L.A. Leclerc
Cemagref
Parc de Tourvoie, BP 44
92163 Antony Cedex
France
Email: luc-andre.leclerc@cemagref.fr
Fax: + 33 (0)1 40 96 61 34
Tel: + 33 (0)1 40 96 61 03

Mr J. Lecornu
ICOLD
151 Boulevard Huassmann
75015 Paris, France
Email: secretaire.general@icold-cigb.ord
Fax: + 33 (0)1 40 42 60 71
Tel: + 33 (0)1 40 42 68 24

Mr G. Le Moigne
World Water Council
Les docks de la Joliette - Atrium 10.3
10, Place de la Joliette
13304 Marseille Cedex 2, France
Email: wwc@worldwatercouncil.org
Fax: + 33 4 91 99 41 01; Tel: + 33 4 91 99 41 00

Mme F. Lemoigne
Editeur/Publisher
Hydroplus/International Water Review
Hydrocom
38, Rue de Villiers
92300 Levallois, France
Email: hydrocom@dial.oleane.com
Fax: + 33 1 41 49 00 09; Tel: + 33 1 41 49 00 00

Mr S. Leroy
Student
32, Rue Boussingault
75013 Paris, France
Tel: + 33 1 45 89 05 37

Ms N.M. Leyes
Counsellor
Deputy Permanent Delegate
Permanent Delegation of Colombia to UNESCO
1, Rue Miollis
75015 Paris, France
Fax: + 33 (0)1 43 06 66 09
Tel: + 33 (0)1 45 68 28 71

Mr Yuanyuan LI
Department of International Co-operation
Ministry of Water Resources
C/o Permanent Delegation of the Peoples'
Republic of China to UNESCO
M7.19, UNESCO HOUSE
1 rue Miollis
75015 Paris, France

Mr R. Liang
President
China Institute of Water Resources and
Hydropower Research
c/o Permanent Delegation of the Peoples'
Republic of China to UNESCO
M7.19, UNESCO HOUSE
1, Rue Miollis
75015 Paris Cedex 15, France

Mr H. Liu
Assistant Director of Nanjing Institute of
Hydrology and Water Resources
Ministry of Water Resources
c/o Permanent Delegation of the Peoples'
Republic of China to UNESCO
M7.19, UNESCO HOUSE
1, Rue Miollis
75015 Paris Cedex 15, France

Mr Yvanyuan. Li
Department of International Co-operation,
Ministry of Water Resources
c/o Permanent Delegation of the Peoples'
Republic of China to UNESCO
M7.19, UNESCO HOUSE
1, Rue Miollis
75015 Paris Cedex 15, France

Mr J. Liu
First Secretary
Chinese Permanent Delegation
M7.19, UNESCO HOUSE
1, Rue Miollis
75015 Paris Cedex 15, France

Prof. M. Ramón Llamas
Fac. De Ciencias Geologicas
Univ. Complutense de Madrid
28040 Madrid, Spain
Email: mrllamas@geo.ucm.es
Tel: + 34 91 394 48 48 / 61
Fax: + 34 91 394 48 45

Mme J. Loubieres
Chargée de la Communication
Pour le Premier President de la Cour des Comptes
13, Rue Cambon
75001 Paris, France
Tel: + 33 (0)1 42 98 54 69
Fax: + 33 (0)1 42 98 55 60

Mr J-M Louvet
OSS, 1, Rue Miollis
75015 Paris, France
Email: louvet@unesco.org
Fax: 33 (0)1 45 67 26 86
Tel: 33 (0) 1 45 68 28 76

Prof. W. R. Lynn
Chairperson, New York State Water Resources
Planning Council
Professor of Civil & Environmental Engineer
Cornell University
423, Hollister HallCornell University ,Ithaca
14853-3501 NY, USA
Email: wrll@cornell.edu
Fax: + 1 607 255 5240; Tel: + 1 607 255 7578

Mrs E. Lyons
Ingenieur-conseil
38, Rue Keller
75011 Paris, France
Email: movalyons@hotmail.com
Fax: + 33 (0)142727318; Tel: + 33 (0)148063126

Mr K. Macki
Permantent Delegation of the Sultanate of Oman
to UNESCO
1, Rue Miollis
75015 Paris, France
Fax: + 33 1 45 68 30 22; Tel: + 33 1 45 68 30 52

Mr Henrik Madsen
Department of Hydrodynamics and Water
Resources
Technical University of Denmark
Building 115
DK 2800 Lyngby, Denmark
Email: henrik@isva.dtu.de
Fax: + 47 22 855269; Tel: + 47 22 857214

Mr A.H. Maïga
Ecole Inter-Etats d'Ingénieurs de l'Equipement
Rural (EIER), 03 BP 7023
Ouagadougou 03
Burkina Faso
Email: eier@eier.univ.ouaga.bf
Fax: + 226 31 27 24; Tel: + 226 30 71 16

Dr M. Malakani
Ministry of Irrigation
P.O. Box 4451
Damascus, Syria
Fax: + 963 11 3113975; Tel : + 963 11 3111258

Mr – Malakani
Ministry of Agriculture
13, Allée Soufflot
92600 Asnieres-sur-Seine, France
Tel: + 33 (0)1 47 98 27 54

Dr Ibraghim Mamedzadeh
ASPI Consulting Co
#54 Bulbul Av.
Baku 370014, Azerbaijan
Email: ats.@aspi.baku.az
Fax: + 994 12 95 12 47; Tel: + 994 12 93 24 57

Dr P. Marchandise
World Health Organization (WHO)
149, Rue Gabriel Péri
54500 Vandoeuvre, France
Email: pmarchandise@who.fr
Fax: + 33 (0)3 83 15 87 73
Tel: + 33 (0)3 83 15 87 76

Mr Jean Margat
BRGM et AIH/Comité français
Avenue C. Guillemin, BP 6119
45061 Orleans Cédex 2, France
Fax: + 33 2 38 64 35 78; Tel: + 33 2 38 64 32 72

Mr J-P Martin
Commission Française pour l'UNESCO
38, Rue La Pérouse
75016 Paris, France
Fax: + 33 (0)1 43 17 67 73
Tel: + 33 (0)1 43 17 66 35

Mr J. M. Masunga
Kenya National Commission for UNESCO
PO box 72107
Nairobi, Kenya
Fax: + 254 2 213025
Tel: + 254 2 229053

Mr J-L Mathieu
Editions Johanet
Revue De "L'Eau, L'Industrie, Les Nuisances"
30, Rue René-Boulanger
75010 Paris, France
Email: edjo@club-internet.fr
Fax: + 33 1 42 40 28 46
Tel: + 33 1 42 40 00 08

Mr B. Maticic
University of Ljubljana Biotechnical Faculty
Preradoviceva 44
1000 Ljubljana
Slovenia
Email: brane.maticic@guest.atnes.si
Fax: + 386 61 317 913
Tel: + 386 61 123 31 90

Mr G.J. Matthews
World Bank
1818 Hst NW
Washingrton DC 20433, USA
Email: gmatthews@worldbank.org
Fax: + 1 202 5221142; Tel: + 1 202 473 0354

Prof. R.G. Maury
Universita Della Basilicata
Via r. Acerenza 9
85100 Potenza, Italy
Email: Maury@unibas.it
Fax: + 39 823 853071; Tel + 39 823 853071

Mr A. Maximov
Secretary, Russian IHP NC
12 Novovaganjkovskaj Street
Moscow 123242, Russian Federation
Fax: + 7 095 252 55 04; + 7 095 253 94 84
Tel: + 7 095 253 9484

Mr D. McKinney
Center for Research in Water Resources
Pickle Research Campus # 119
The University of Texas at Austin
Austin, Texas 78712, USA
Email: daene@AOL.com
Fax: + 1 512 471 0072
Tel: + 1 512 471 8772

Mme S. Mériaux
Présidente de l'académie d'agriculture
Membre de l'Académie de l'eau
51, Rue Salvador-Allende
92027 Nanterre Cédex, France
Fax/Tel: + 33 (0)1 47 22 69 23

Mr Y. Mérillon
Agence de l'Eau Loire-Bretagne
Avenue de Buffon
BP 6339
45063 Orléans Cedex 2
France
Fax: + 33 2 38 49 75 36
Tel: + 33 2 38 51 73 15

Prof. - Merlin
Université de Paris I
5bis, Rue Béranger
75003 Paris, France
Fax: + 33 1 646 898 87; Tel: + 33 1 427 19797
Mr Michel Mesny
Ministère de l'Agriculture
Conseil Général du Gref
30, Rue Las Cases
75349 Paris 07 SP, France
Email: CGGREF@Wanadoo.fr
Tel: + 33 1 49 55 57 09; Fax: + 33 1 49 55 5601

Mr Michel Meybeck
Laboratoire de Géologie appliquée
Université Pierre et Marie Curie
4, Place Jussieu, Tour 26, 5ème étage
75257 Paris Cédex 05, France
Email: meybeck@biogeodis.jussieu.fr
Fax: + 33 1 44 27 51 25

Mme F.M. Midman
New World Order Development Forum
(NWOD FORUM)
S-167 64 Bromma
Stockholm, Sweden
Fax and Tel: + 46 8 25 77 16

Mr M. Montaseri
Heriot-Watt University
Department of Civil and Offshore Engineering
Riccarton
Edinburgh EH14 4AS, UK
Email: A.J.Adeloye@hw.ac.uk
Fax: + 44 131 451 5078; Tel: + 44 131 449 5111

Mr J. V. Montville
Preventive Diplomacy Program
Center for Strategic and International Studies
1800 K Street, N.W.
Washington D.C. 20006, USA
Email: jvm@csis.org
Fax: + 1 202 7753190; Tel: + 1 202 775 3277

Mr A. Morel à l'Huissier
CERGRENE
Ecole Nationale des Ponts et Chaussées
6 et 8, Avenue Blaise Pascal
Cité Descartes, 77455 Marne la Vallée Cedex 2
France
Email: Alain.Morel@cergrene.enpc.fr
Fax: + 33 1 64 15 37 64; Tel: + 33 1 64 15 37 54

Mr H.J. Morel-Seytoux
Hydrology Days Publications
57, Selby Lane
Atherton, California 94027
USA
Email: morelsey@usgs.gov
Fax: + 1 650 365 4080; Tel: + 1 650 365 4080

Dr E. Mortensen
Columbia Earth Institute
405 Low Library
535 West 116th Street
Columbia University, New York, NY 10027
USA
Fax: + 1 212 854 5255; Tel: + 1 212 854 3151

Prof. P. Mosley
P.O. Box 159
Lincoln University
Canterbury
New Zealand
Email: mosley@lincoln.ac.nz
Fax: + 643 325 2944; Tel: + 643 325 2356

Mr A. Mostefaoui
Directeur Régional UNICEF (E.R.)
43, Rue Réaumur
17000 La Rochelle
France
Tel: + 33 5 46 41 64 66

Ms L.J.M. Mourits
UNESCO
8, Abdel Rahman Fahmy Garden City
Cairo 11511
Egypt
Email: l.mourits@unesco.org
Fax: + 202 354 52 96; Tel: + 202 354 3036

Prof. Wael Mualla
Faculty of Civil Engineering
Damascus University
Damascus
Syria
Fax : + 963 11 212 3673; Tel: + 963 11 212 5908

Mr R. Muzafarov
Permanent Delegation of Kazakhstan to UNESCO
59, Rue Pierre Charron
75008 Paris, France
Fax: + 33 1 45 61 52 01; Tel: + 33 1 45 61 52 10

Mr Emmanuel Naah
Regional Hydrologist
UNESCO Nairobi Office
PO Box 30592
Nairobi, Kenya
Email: e.naah@unesco.org
Fax: + 254 2 21 59 91; Tel: + 254 2 62 12 34

Prof. R.J. Naiman
University of Washington
School of Fisheries, Box 357 980
Seattle, Washington 98195, USA
Email: naiman@u.washington.edu
Fax: + 1 206 685 7471; Tel: + 1 206 685 2025

Mr T.D. Nguyen
Agence de l'Eau Seine-Normandie
51, Rue Salvador Allende
92027 Nanterre Cedex, France
Fax: + 33 1 41 20 16 09; Tel: + 33 1 41 20 18 08

Mr – Nhovyvanisvono
Permanent Delegation of Dem. Peop. Rep. Of Lao to UNESCO
37, Rue Blomet
75015 Paris, France

Mr P.G. Obregon
Ambassador
Permanent Delegation of Colombia to UNESCO
1, Rue Miollis
75015 Paris, France
Email: DL.COLOMBIA@unesco.org
Fax: + 33 1 43 06 66 09; Tel: + 33 1 45 68 28 71

Mr Olufemi O. Odumosu
Federal Ministry of Water Resources and Rural Development
P.O. Box 4160
Garki, Abuja, Nigeria
Fax: + 234 9 234 3714; Tel: + 234 9 523 1395

Mr Jean Louis Oliver
CGPC
Grande Arche, La Défense
92055 Paris Cedex 04
France
Fax: + 33 1 40 81 27 70; Tel: + 33 1 40 81 27 72

Dr J-C Olivry
ORSTOM
Laboratoire d'Hydrologie
911, Avenue d'Agropolis
BP 5045
34032 Montpellier Cedex 1
France
Email: j-claude.olivry@mpl.orstom.fr
Fax: + 33 4 67 54 71 06; Tel: + 33 4 67 41 64 30

Mr Jean Ondo-Evoung
BP 1172
Libreville
Gabon
Fax: + 241 76 32 42; Tel: + 241 76 19 25; Telex: MERHGAB 562960

Ms A. Otchet
The UNESCO Courier
1, Rue Miollis
75015 Paris, France
Tel: + 33 1 45 684683

Mr Marc T. Overmars
Associate Expert
UNESCO-IHP Jakarta Office
UN Building, 2nd floor
Jalam Thamrin 14
1273/JKT Tromolpos
Jakarta 10012, Indonesia
Fax: + 62 21 315 03 82; Tel: + 62 21 321 308

Mrs Sule Ozkaya
Deputy Head
Department of Water, Energy and Environmental Issues
Turkish Ministry of Foreign Affairs
c/o Permanent Delegation of Turkey to UNESCO
MS 1.59 UNESCO House
1, Rue Miollis
75015 Paris, France

Mr J.J. Paretas Fernandez
Presidente del comité Nacional cubano para el PHI
ORCALC
La Habana, Cuba
Fax: + 53 7 333144

Mr Jorge Patiño
Permanent Delegation of Panama to UNESCO
1, Rue Miollis
75015 Paris, France
Tel: + 33 1 45 68 32 94

Mr Rick Pedolsky
Water Planet/Stockholm Environment Institute
Box 2058
10312 Stockholm
Sweden
Email: rick@waterplanet.se
Fax: + 46 8 220470

Dr N.V. Penkova
State Hydrological Institute
23, Second Line
St Petersburg 199053
Russian Federation
Email: ishiklom@sovam.com
Fax: + 7 812 213 1028; Tel: + 7 812 213 89 89

Mr N. Peters
3039 Amwiler road, Suite 130
Atlanta, GA 30360 2824
USA
Email: npeters@usgs.gov
Fax: + 1 770 903 9199; Tel: + 1 770 903 9145

Mr A. Picasso de Oyague
Permanent Delegation of Peru to UNESCO
1, Rue Miollis
75015 Paris
France

Prof. J.J. Pigram
Centre for Water Policy Research
University of New England
Armidale 2351
Australia
Email: jpigram@metz.une.edu.au
Fax: + 61 2 67 73 32 37; Tel: + 61 2 67 73 2420

Prof B. Pillay
UNESCO
Bureau 5.005, BP/BPE
7, Place de Fontenoy
F 75352 Paris 07 SP
France
Email: b.pillay@unesco.org
Fax: + 33 1 45 68 55 21
Tel: + 33 1 45 68 12 48

Dr A. Pinilla
UNESCO
1, Rue Miollis
75015 Paris, France
Email: a.pinilla@unesco.org
Fax: + 33 1 45 68 58 01
Tel: + 33 1 45 68 40 79

Ms L. C. Pinto
Iguassu Iterei Fauna flora
Av. Angelica 1106 apt 105
Sao Paulo 01228 100
Brazil
Email: ngiterei@uol.com.br
Tel: + 55 11 3667 63 57

Mr Dieter Plass
Piewak & Partner GmbH, Bayreuth
Sybelstrasse 8
Nuernberg D-90461
Germany
Email: dieter@dplass.franken.de
Tel: + 49 921 81050
Fax: + 49 921 82220

Mr V. Pochat
Presidente del Comité Nacional para el PHI
San Martin 459 – Piso 3
1004 Buenos Aires
Argentina
Email: vpochat@sernah.gov.ar
Tel: + 54 1 348 8527
Fax: + 54 1 348 8565

Mr Altimir Popov
University of Architecture
Civil Engineering, Geodesy
Faculty of Hydrotechnics
1, "Hr Smirnenski" Str.
Sofia 1421
Bulgaria
Email: igorbg@bgearn or igorbg@bgcict
Fax: + 65 68 41
Tel: + 589 63321; Home 589 440083

Prof. G. Premazzi
European Commission
JRC-ISPRA
Environment Institute
I-21020 Ispra (Varese), Italy
Fax: + 39 332 789 353
Tel: + 39 332 789 266

Mr K. Prince
US Geological Survey
345, Middle field road
Menlo park, CA 94025
USA
Email: krprince@usgs.gov
Fax: + 1 650 329 4463
Tel: + 1 650 329 4087

Prof. D. Prinz
University of Karlsruhe
D-76128 Karlsruhe, Germany
Email: dieter.prinz@bau-verm.uni-karlsruhe.de
Fax: + 49 721 608 6165; Tel: + 49 721 608 4100

Mr J. D. Priscoli
US Corps of Engineers
Institute of Water Resources
1714 North Bryan Street
Arlington, Virginia 22201, USA
Email: priscoli@pop.erols.com

Prof. Antonio Pulido-Bosch
Professor of Hydrogeology
University of Almeria
Department of Hydrogeology
04120 La Canada (Almeria)
Spain
Email: apulido@ualm.es
Tel/Fax: + 34 58 243362

Mr H. Quintero
Permanent Delegation of Colombia to UNESCO
1, Rue Miollis
75015 Paris, France
Email: DL.COLOMBIA@unesco.org
Fax: + 33 1 43 06 66 09; Tel: + 33 1 45 68 28 74

Mr Arif F. Ragimov
General Director
AZSPETSPROMINVEST Consulting and
Engineering Company
54, Bul Dul Av.
Baku 370014
Azerbaijan Republic
Email: ats@aspi.baku.az
Fax: + 994 12 95 12 47; Tel: + 994 12 93 24 57

Dr A. Rango
USDA Hydrology Laboratory
USDA/ARS/BARC-W
Bldg 007 RM 104
Beltsville, MD 20705, USA
Email: alrango@hydrolab.arsusda.gov
Fax: + 1 301 504 8931; Tel: + 1 301 504 8700

Prof. Aldo da C. Reboucas
Center for Groundwater Research
University of Sao Paulo
PO Box 11.348
CEP. 05422-970 Sao Paulo
Brazil
Email: aldocr@mandic.com.br
Fax: + 55 11 869 04 83; Tel: + 55 11 268 28 62

Mr D. Renevier
GIMA Conférences et Salons Internationaux
26, Rue Jouffroy d'Abbans
75017 Paris, France
Fax: + 33 1 46 22 01 04; Tel: + 33 1 42 12 09 40

Mr R. S. Richardson
United States Bureau of Reclamation
Department of the Interior
1849, C Street N.W.
Room 7443 USBR-Intn'l Affairsdepartment of the Interior
Washington DC 20240, USA
Email: srichardson@usbr.gov
Fax: + 1 202 208 3394; Tel: + 1 202 208 4291

Mr V. Rigal
Schlumberger RMS
40, Avenue Jean Jaures
92330 Montrouge, France
Email: RIGAL@Montrouge.rms.slb.com
Fax: + 33 1 47 46 69 52; Tel: + 33 1 47 46 72 19

Dr F.R. Rijsberman
Resources Analysis
Zuiderstraat 110
2613 SJ Delft, The Netherlands
Email: frank.rijsberman@resource.nl
Fax: + 31 15 21 24 892; Tel: + 31 15 219 1519

Dr C. Riou
Président du Centre INRA de Bordeaux
INRA, Centre de Bordeaux-Aquitaine
BP 8133883 Villenave d'Ornon, France
Email: valentin@bordeaux.inra.fr
Fax: + 33 5 56 84 30 67
Tel: + 33 5 56 84 31 42

Dr R. Robarts
WHO and UNEP GEMS/WATER
Collaborating Centre
National Water Research Institute
11, Innovation Blvd
Saskatoon, SK S7N 3H5, Canada
Email: Robartsr@nhrisv.nhrc.sk.ec.gc.ca
Fax: + 1 306 975 51 43
Tel: + 1 306 975 6047

Mrs Marie Robert
Photographer-Diaporama
66, Clos des Charmilles
74400 Chamonix Mt-Blanc
France
Fax: + 33 4 50 3 04 63

Mr John Rodda
President IAHS
Institute of Hydrology
Maclean building, Crowmarsh Gifford
Wallingford, Oxfordshire OX10 8BB
United Kingdom
Email: 106201.1774@compuserve.com
Tel: + 44 1491 837539
Fax: + 44 1491 692424

Dr Rui Rodrigues
Portuguese Institute for Water – INAG
30, Avenue Alm. Giago Coutinho
Lisbon, Portugal
Email: rrr@inag.pt
Fax: + 351 1 8409218
Tel: + 351 1 8430300

Prof. P. Rognon
Case 114, Departement de Geodynamique des Milieux Continentaux
MED-CAMPUS No. 8
Réseau Désertification & Aménagement
Université P. et M. Curie
4 place Jussieu
75252 Paris Cedex 05, France
Email: rognon@ccr.jussieu.fr
Fax: + 33 1 44 27 59 53
Tel: + 33 1 44 27 50 46

Dr D. Ronen
Israel Hydrological Service
P.O. Box 6381
Jerusalem 91063
Israel
Fax: + 972 2 538 8704
Tel: + 972 2 538 1101

Dr Dan Rosbjerg
Technical University of Denmark
ISVA, Building 115
DK 2800 Lyngby
Denmark
Email: dan@isva.dtu.dk
Fax: + 45 45 93 28 60
E-mail: dan@isva.dtu.dk

Prof Dr Albert Louis Roux
Agence de l'Eau, Rhone, Mediterranée Corse
2-4 Allée de Lodz
69363 Lyon Cedex 07
France
Email: alroux@biomserv.univ-lyon1.fr
Fax: + 33 4 72712608; Tel: + 33 4 72712885

Prof. M.B.A. Saad
Hydraulics Research Institute
Delta Barrages, 13621 Cairo
Egypt
Email: draulics@intouch.com
Fax: + 20 2 2189539
Tel: + 20 2 2188268; + 20 2 2189657

Mr A.B.M.B.A. Sagwani
Director General of Administrative and Financial Affairs
Ministry of Water Resources
Head of Delegation
c/o Permanent Delegation of Sultanate of Oman to UNESCO
1, Rue Miollis
75015 Paris, France

Mr A. M. A. Salih
Regional Hydrologist
UNESCO Cairo Office
8, Abdul Rahman Fahmy Street
Garden City, 11511 Cairo, Egypt
Email: a.salih@unesco.org
Fax: + 20 2 354 52 96; Tel: + 20 2 354 30 36

Prof. Vilik Sargsyan
Department of Hydrometeorology of the Republic of Armenia (ARMHYDROMET)
54, Leo str.
Yerevan 375002, Armenia
Email: meteo@mbox.amilink.net
Fax: + 374 3 90 68 63; Tel: + 374 2 53 20 01

Mr A. Sauvadet
Agence de l'Eau Seine-Normandie
51, Rue Salvador Allende
92027 Nanterre Cédex, France
Email: Sauvadet.andré@aesn.fr
Fax: + 33 1 41 20 16 09
Tel: + 33 1 41 20 17 07

Mr Serguei Saveliev
Permanent Delegation of Russia to UNESCO
8, Rue de Prouy
75017 Paris, France
Fax: + 33 1 42 67 51 99
Tel: + 33 1 42 12 84 30

Prof. G.A. Schultz
Ruhr University Bochum
Gebäude 1A, Raum 01/33
Bochum D-44780, Germany
Email: gert.a.schultz@rz.ruhr-uni-bochum.de
Tel: + 49 234 700 4693; Fax: + 49 234 7094 153

Mr Fuad S. Seidaliyev
AZSPETSPROMINVEST Consulting and Engineering Company
54, Bul Dul Av.
Baku 370014
Azerbaijan Republic
Email: ats@aspi.baku.az
Fax: + 994 12 951247; Tel: + 994 12 932457

Mr Agim Selenica
National Institute of Hydrometeor.
Rr. Durresit 219
Tirana, Albania
Tel: + 355 42 23518; Fax: + 355 42 23518

Mr Uri Shamir
Faculty of Civil Engineering
The Technion
3200 Haifa, Israel
Fax: + 972 4 220133 or 347373

Mr K.N. Sharma
ICID
48, Nyaya Marg. Chanakyapuri
New Delhi 110 021
India
Email: icoiad@giasdl01.vsnl.net.in
Tel: + 91 11 611 6837 Fax: + 91 11 611 5962

Ms R. Shen
Director Division of Sciences
Chinese National Commission for UNESCO
c/o Permanent Delegation of The Peoples' Republic of China to UNESCO
M7.19 UNESCO HOUSE
1, Rue Miollis
75015 Paris Cedex 15
France

Prof. I.A. Shiklomanov
State Hydrological Institute
23, Second Line
St. Petersburg 199053
Russian Federation
Email: ishiklom@sovam.com
Fax: + 7 812 213 10 28; Tel: + 7 812 213 35 17

Mr Dongwon Shin
UNEP Industry and Environment
Tour Mirabeau
39-43, Quai André Citroën
75739 Paris, France
Email: dshin@unep.fr
Fax: + 33 1 44371474; Tel: + 33 1 44373003

Dr J. Shomaker
John Shomaker & Associates
2703-D Broadbent Pkway. NE
Albuquerque, NM 87107
USA
Email: JSAI@NMIA.COM
Fax: + 1 505 345 9920; Tel: + 1 505 345 3407

Mlle H. Simon
Counsellor
Permanent Delegation of Madagascar to UNESCO
40, Rue du Général Foy
75008 Paris, France

Prof. Slobodan Simonovic
University of Manitoba
Natural Resources Institute
Winnipeg, R3T 2N2, Canada
Email: simon@ce.umanitoba.ca
Fax: + 1 204 261 0038; Tel: + 1 204 474 8375

Dr J. Sircoulon
ORSTOM et CNPHI/France
213, Rue Lafayette
75480 Paris, France
Email: sircou@paris.orstom.fr
Fax: + 33 1 48 03 79 09; Tel: + 33 1 48 03 75 31

Dr C.S. Sow
Ecole Africaine de la Météorologie et de l'Aviation Civile (EAMAC)
B.P. 746, Niamey, Niger
Email: dei@eamac.eamac.ne
Fax: + 227 72 5096; + 227 722 236
Tel: + 227 725066

Dr S.N. Sreenath
Associate Professor
Systems and Control Engineering
The Case School of Engineering
Case Western Reserve University
10900 Euclid Avenue
Cleveland, Ohio 44106-7070, USA
Email: nx86@po.cwru.edu
Fax: + 1 216 368 3123; Tel: + 1 216 368 6219

Dr E. Stakhiv
US Army Corps of Engineers
Water Resources Support Center
7701, Telegraph Road
Alexandria, VA, USA
Email: Stakhiv@INET.HQACE.ARMY.MIL
Fax: + 1 703 428 8171; Tel: + 1 703 428 8015

Ms R. Stephan
19 Allée des Saules
78480 Verneuil-sur-Seine, France
Email: r2m@magic.fr
Fax: + 33 1 39 65 97 95
Tel: + 33 1 39 71 16 22

Mr Hubert Stourm
Presse
80, Avenue Victor Hugo
75116 Paris, France

Mr Glen Stout
International Water Resources Association
(IWRA)
University of Illinois
1101, West Peabody Drive
Urbana, IL 61801 – 4723, USA
Email: g-stout@uiuc.edu

Mr W.G. Strupczewski
Institute of Geophysics
Polish Academy of Sciences
Ksigoia Janusza 64
01-452 Warsaw, Poland
Email: wgs@igf.edu.pl
Fax: + 48 22 370 522; Tel: + 48 22 691 58 53

Mr S. Suresh
Indian Institute of Science
Hydromechanics & Water Resources Engg.
Civil Dept
Bangalore 560 012, India
Email: Sansur@civil.iisc.ernet.in
Fax: + 91 80 3341683; Tel: + 91 080 3092324

Mlle G. Suzenet
Commission Européenne
IPTS (Institut de Prospective technologique)
World Trade Centre Isla de la Cartnja
E.41.092 Sevilla, Spain
Email: gaëtane.Suzenet@jrc.es
Fax: + 34 95 448 83 26
Tel: + 34 95 448 8206

Mr K. Takara
Disaster Prevention Research Institute
Kyoto University
Uji
Kyoto 611 0011
Japan
Email: takara@urh.dpri.kyoto-u.ac.jp
Fax: + 81 774 38 4030
Tel: + 81 774 38 4266

Prof. K. Takeuchi
Yamanashi University
Department of Civil and Environmental
Engineering
Takeda 4-3-11
Kofu 400-8511
Japan
Email: takeuchi@yu-gate.yamanashi.ac.jp
Fax: + 81 552 534915; Tel: + 81 552 20 8603

Dr Lena M. Tallaksen
Department of Geophysics
P.O. Box 1022
Blindern
N-0315 Oslo
Norway
Email: lena.tallaksen@geofysikk.uio.no
Fax: 47 22 855269
Tel: 47 22 857214

Mr Seth L. Tau
Department of Water Affairs
Box 772, Maseru-100
Lesotho, South Africa
Fax: + 266 310437; Tel: + 266 317102

Mr Alberto Tejada-Guibert
Programme Specialist IHP
UNESCO Division of Water Sciences
1, Rue Miollis
75732 Paris Cedex 15, France
Email: ihp@unesco.org
Fax: + 33 1 45 68 58 11
Tel: + 33 1 45 68 40 02

Mr P.F. Tenière-Buchot
Agence de l'Eau Seine-Norrmandie
51, Rue Salvador Allende
F-92027 Nanterre Cedex
France
Email: dirgene@aesn.fr
Fax: + 33 1 41 20 17 22
Tel: + 33 1 41 20 17 20

Ms K. Thiemann
Institute of Applied Geology
University of Karlsruhe
Hirschstr. 103
D-76137 Karlsruhe, Germany
Email: ud0m@rzstud1.rz.uni-karlsruhe.de
Tel: 49 721 9310242

Mr H. Tlili
Radio Monte Carlo
8, Rue Gauguin
91600 Savigny, France
Fax: 33 1 45 01 24 28; Tel: + 33 1 69 05 21 27

Mr M. K. Tolba
Chairperson
International Center for Environment and Development (ICED)
23, Fawzi El-Ramah St.
Mohandseen, 12411Cairo, Egypt
Email: ICED@intouch.com
Fax: + 20 2 3046033; Tel: + 20 2 3046032

Mr Arne Tollan
Norwegian Water Resources and Energy Administration
P.O. Box 5091 Majorstua
N-0301 Oslo
Norway
Email: arne.tollan@nve.no
Tel: + 47 22 95 92 96; Fax: + 47 22 95 92 01

Ms Karlygash Tokayeva
Permanent Delegation of Kazakhstan to UNESCO

Ms Sandrine Trouvelot
Journaliste
Alternatives Economiques
28, Rue du Sentier
75002 Paris, France

Ms S. Tunstall
Flood Hazard Research Centre
Middlesex University
Enfield EN3 4SF
United Kingdom

Prof. P. Vakkilainen
Helsinki University of Technology
P.O. Box 5300
Hut 02015, Finland
Email: pertti.vakkilainen@hut.fi
Tel: + 358 9 4513820; + 358 9 451 3827

Prof. François Valiron
Ingénieur Général des Ponts et Chaussées et Professeur honoraire à l'Ecole Nationale des Pont et Chaussées
Secrétaire Général de l'Académie de l'Eau
51 rue Edouard Nortier
92200 Neuilly-sur-Seine, France
Fax: + 33 1 41 20 16 09

Mr H. van Damme
Water Supply and Sanitation Collaborative Council
1e Poelluan 59
2161 La Lisse
The Netherlands
Email: hansvandamme.n253cc@wxs.nl
Fax: + 31 252 422 570
Tel: + 31 252 422 560

Mr Jac A.M. Van Der Gun
NITG -TNO
P.O. Box 6012
JA Delft 2600
The Netherlands
Email: j.vandergun@nitg.tno.nl
Fax: + 31 15 256 48 00
Tel: + 31 15 269 71 74

Mr O. Varis
Helsinki University of Technology
P.O. Box 5300
Hut 02015 Espoo, Finland
Email: ovaris@Leka.hut.fi
Tel: + 358 9 451 3844; Fax: + 358 9 451 3827

Mr Richard Varrault
Journalist
Waterlink.net (Le réseau des acteurs de l'eau/The network for the water business)
122, Avenue Gabriel Péri
93400 Saint-Ouen, France
Email: ri.varrault@wanadoo.fr
Tel/Fax: + 33 1 40 11 06 74

Dr A. Vengosh
Research Department
Hydrological Service
P.O. Box 6381
Jerusalem 91063
Israel
Email: avnerv@fms.huji.ac.il
Fax: + 972 2 5388 704
Tel: + 972 2 5380139

Mlle V. Verdeil
Ecole Normale Supérieure
Institut Français d'Urbanisme
45, Rue d'Ulm
75005 Paris, France
Email: verdeil@mercator.ens.fr
Fax: + 33 1 44 32 37 91
Tel: + 33 1 40 18 08 96

Dr J. C. Verges
Societat Catalana d'Economia
(Institut d'Estudis Catalans)
Diputacio' 38
08190 Lafloresta Barcelona
Spain
Email: vergnes@valles.com
Fax: + 34 936 744 401; Tel: + 34 936 744 401

Mr J. Vergnes
Institut Universitaire International de l'Eau
Université de Droit d'Economie et des Sciences
d'Aix-Marseille
3, Avenue Robert Schuman
13628 Aix en Provence Cedex 1, France
Email: jean.vergnes@presidence.u-3mrs.fr
Fax: + 33 4 90 56 54 54; + 33 4 42 38 28 98
Tel: + 33 4 90 56 54 54; + 33 4 42 38 20 81

Mr Bruno Verlon
Director
Agence de l'eau Rhin-Meuse
Route de Lessy
57160 Rozérieulles, France
Fax: + 33 3 87 60 49 85; Tel: + 33 3 87 34 47 00

Mr Haruhiko Vetsuka
IDI-EUROPE
Tour CIT
3, Rue de l'Arrivée
75749 Paris Cedex 15, France
Email: idi-eu02@netntt.fr
Fax: + 33 1 43 20 97 16; Tel: + 33 1 43 20 19 88

Mr J-C Vial
Agence de l'Eau Seine Normandie
51, Rue Salvador Allende
92027 Nanterre Cédex, France
Email: vial.jean_claude@aesn.fr
Fax: + 33 1 41 20 19 99; Tel: + 33 1 41 20 17 04

Mr Claude Vienot
U.A.T.I.
1, Rue Miollis
75732 Paris Cédex 15, France
Tel: + 33 1 45 68 32 76; Fax: + 33 1 43 06 29 27

Mr Alessandro Villa
European Commission
European Soil Bureau
I-21020 Ispra (Varese)
Italy TP260
Email: alessandro.villa@jrc.it
Fax: + 39 332 785349
Tel: + 39 332 789074

Prof. Jaroslav Vrba
DHV CR, spol, s.r.o.
Drahobejlova 48
1900 Praha 9
Czech Republic
Email: dhv@terminal.cz
Fax: + 420 2 88037207
Tel: + 420 2 68037219

Prof. R. Wakeman
Fordham University
History Dept
113, West 60th St.
New York, NY 10023
USA
Email: rwakeman@mindspring.com
Fax: + 1 914 285 0576; Tel: + 1 914 683 8440

Prof. J. Wallace
Institute of Hydrology
Maclean Building
Crowmarsh Gifford
Wallingford
United Kingdom
Email: j.wallace@ioh.ac.uk
Tel : + 44 1491 838800
Fax : + 44 1491 692430

Mr B. Wallon
Agence de l'Eau Seine-Normandie
51, Rue Salvador-Allende
92027 Nanterre Cedex, France
Fax: + 33 1 41 20 16 09
Tel: + 33 1 41 20 18 48

Mr M. Wang
Vice President
Department of Environment, Geology, Ministry
of Land and Resources
c/o Permanent Delegation of the Peoples'
Republic of China to UNESCO
M7.19 UNESCO HOUSE
1, Rue Miollis
75015 Paris, France

Dr H.M. Watt
Oasis Water Center
P.O. Box 42522
Washington DC 26015
USA
Email: watthm@aol.com
Fax: + 1 301 445 6103
Tel: + 1 301 439 36 58

Ms Anna Wesselink
62 Rue des Entrepreneurs
75015 Paris, France
Tel: + 33 1 40 59 85 20

Prof. W. Wilkinson
Centre for Ecology & Hydrology
Institute of Hydrology
Maclean Building
Crowmarsh Gifford,
Wallingford, Oxfordshire OX10 8BB
United Kingdom
Email: w.wilkinson@nerc.ac.uk
Tel: + 44 (0) 1491 838800
Fax: + 44 (0) 1491 692314

Mr R. Winninger
Agence de l'Eau Seine-Normandie
51, Rue Salvador Allende
92027 Nanterre, France
Email: winninger.robert@aesn.fr
Fax: + 33 1 41 20 16 09
Tel: + 33 1 41 20 17 08

Mr Philippe Wolf
UNICEF
3, Rue Charles Lefebure
77210 Avon, France
Tel: + 33 1 64 22 25 20

Mr Kim Woogu
Korean Water Resources Corporation
462-1 Jeonmin-dong
Yousung-ku
Taejeon
Republic of Korea
Tel: + 82 42 860 0302
Fax: + 82 42 860 0368

Mr A. Wulf
Agence de l'Eau Seine-Normandie
51, Rue Salvador Allende
92027 Nanterre Cedex
France
Tel: + 33 1 41 20 19 32

Prof. Liu Xinren
Vice President
Hehai University
Member of the Chinese National Committee for
IHP, c/o Chinese Permanent Delegation to
UNESCO, 1, Rue Miollis
75015 Paris, France
Fax: + 33 (0) 1 42 19 01 99
Tel: + 33 (0) 1 45 68 34 53

Mr Gordon J. Young
Secretary General, IAHS
Department of Geography
1342 Wilfrid Laurier University
Waterloo, Ontario N2L 3C5, Canada
Email: 44iahs@mach1.wlu.ca
Fax: + 1 519 846 0968; Tel: + 1 519 884 1970

Mr Y. Yurtsever
Isotope Hydrology Section
IAEA, Wagramer strasse 5, P.O. Box:100
A-1400 Vienna, Austria
Email: y.yurtsever@iaea.org
Fax: + 43 1 2060 7
Tel: + 43 1 2060 21732

Mr Abelardo Zamorano Barrera
Solagral
45bis, Avenue de la Belle Gabrielle
94736 Nogart-sur-Marne Cedex, France
Email: solagral@solagral.asso.fr
Fax\Tel: + 33 1 43947336; Tel: + 33 3 86467744

Dr I.P. Zaretskaya
State Hydrological Institute
23, Second Line
St Petersburg 199053, Russian Federation
Email: ishiklom@sovam.com
Fax: + 7 812 213 1028; Tel: + 7 812 213 89 89

Mr Habib Zebidi
Deputy Secretary of the IHP
UNESCO Division of Water Sciences
1, Rue Miollis
75732 Paris Cedex 15, France
Email: h.zebidi@unesco.org
Fax: + 33 1 45 68 58 11; Tel: + 33 1 45 68 40 02

Prof. I. Zektser
Institute for Crustal Studies
UC Santa Barbara
Santa Barbara, CA 93106-1100, USA
Email: zektser@crustal.ucsb.edu
Fax: + 1 805 893 8649;Tel: + 1 805 893 8084

Mr C. Zheng
Chief of Division of International Co-operation
Department of International Co-operation
Ministry of Land and Resources
c/o Permanent Delegation of the Peoples'
Republic of China to UNESCO
M7.19
UNESCO HOUSE, 1, Rue Miollis
75015 Paris, France

Ms X. Zhu
Deputy Chief, Department of Hydrology
Ministry of Water Resources
c/o Permanent Delegation of the Peoples'
Republic of China to UNESCO
M7.19
UNESCO HOUSE
1, Rue Miollis
75015 Paris, France

Mr F.C. Zuidema
National Committee IHP-OHP
c/o Royal Netherlands Meteorological Institute
POBox 201
3730AE De Bilt
The Netherlands
Fax: + 31 30 2210407; Tel: + 31 30 2206911

Dr Natalia Zverkova
Institute of Geography
Russian Academy of Sciences
Staromonetny St. 29
Moscow 109017
Russian Federation
Email: geography@glas.arc.org
Fax: + 7 095 959 00 33
Tel: + 7 095 959 00 32

rbjobno3252
24 June 1998