

INTERNATIONAL CONFERENCE
From Conflict to Co-operation in
International Water Resources Management:
Challenges and Opportunities

20-22 November 2002
UNESCO-IHE Delft, The Netherlands

Preceded by a Pre-conference Workshop on
"Conflict Assessment and Resolution for Reservoir Systems"
19 November 2002

PRELIMINARY
DETAILED PROGRAMME

2611 AX Delft, Westvest 7, The Netherlands

PRELIMINARY PROGRAMME

Pre-conference workshop on Conflict Assessment and Resolution for Reservoir Systems

Tuesday, 19 November 2002

09:00h - 18:00h | *DRAFT IN PROGRESS*

KEYNOTES

A. *"Water Resources Conflict Assessment and Resolution – the Experience of the International Joint Commission (IJC)"* – Murray Clamen, IJC, Canada

Coffee Break

B. *"After the World Commission on Dams – National Processes Emerge"*
– Jeremy Bird, UNDP

Lunch

C. *"Crisis or Opportunity – Gaining Public Acceptance"* – Joji Carino,
Former WCD-Commissioner

Tea Break

D. *"Historical Development of Environmental Conflicts of Reservoirs"* –
Ada Patera, Czech Technical University Prague, Czech Republic

Paper presentations and discussions follow each keynote

PRELIMINARY DETAILED PROGRAMME

Wednesday, 20 November 2002

08:00h - 10:00h	Registration
10:00h - 11:30h Auditorium A	OPENING SESSION Chair: Janos Bogardi, UNESCO International Hydrological Programme (IHP) Welcome by the Acting Rector of the host institution, Maarten Blokland Opening address by Andras Szöllösi-Nagy, Deputy Assistant Director-General for Sciences, Director of the Division of Water Sciences, UNESCO Opening address by Bertrand Charrier, Executive Director, Green Cross International (GCI) Address from Marcian Swiecicki, Coordinator, Office of Economic and Environmental Activities, OSCE
11:30h - 12:00h	<i>Coffee break</i>
12:00h - 13:00h Auditorium A	INTRODUCTORY SESSION Presentation of the Programme 'PC→CP: Water for Peace' Chair: Reza Ardakanian, Deputy Minister for Water Affairs, Ministry of Energy, Iran <ul style="list-style-type: none">• Janos Bogardi, UNESCO IHP: <i>The PC→CP Component and the Conference</i>• Bertrand Charrier, Green Cross International: <i>Water for Peace: Water Security and Water Conflict Awareness</i>
13:00h - 14:00h	<i>Lunch</i>
14:00h - 15:45h Auditorium A	SESSION 1 Institutionalizing co-operation mechanisms: some means and tools Session Chair: Victor Dukhovny, Director, Scientific Information Centre of ICWC Aral Sea Basin Rapporteur: Uri Shamir Keynote speaker: William J. Cosgrove, Vice-President, World Water Council

Wednesday, 20 November 2002 (continued)

SESSION 1 *continued*

Panel debate:

Case study *International River Basins in Africa*

Chair of Panel:

- Jean-François Donzier, President, International Network of Basin Organizations (INBO)

Members of Panel:

- Athanase Compaore, Global Water Partnership, Regional Water Partnership West Africa
- Ousséni Diallo, GCI Burkina Faso
- Mamadou Sylla, Co-ordinator of African Network of Basin Organisations (ANBO) initiative
- Edda Kristjansdottir, Assistant Legal Counsel at Permanent Court of Arbitration

Open debate and embedded presentations

(summaries of papers - 5 min.)

- Ibrahim Olomoda: *Integrated Water Resources Management: The Niger Basin Authority's Experience*

15:45h - 16:15h

Tea break

16:15h - 18:00h
Auditorium A

PAPER PRESENTATIONS (15mn)

Chair: Alvaro Carmo Vaz, Administrator, Professor, Consultec Company

- Reza Ardakanian: *Regional Institution: The Efficient Tool for Conflict Resolution*
- Viktor Dukhovny: *Big challenges and limited opportunities – what are the constraints for co-operation?*
- A. L. Roux: *Proposal for a strategic guide to assist in the constitution of international inter-state commissions for shared water resources*
- Abdalla Abdelsalam Ahmed: *Challenges and Future Opportunities in the Nile Basin*
- Keith Hipel: *The Battle of Water "to-who"*
- Risto Lemmelä: *Treaties and operational Practises on shared river basins between Finland, Sweden, Norway and Russia*
- Philipp Aerni: *Explaining Success and Failure in International River Management*

Discussion

Wednesday, 20 November 2002 (continued)

18:00h - 20:00h

POSTER SESSION AND ICEBREAKER

- Mathias Mulagwanda: *Sustainable Management of the USANGU Wetland and its Catchment*
- Ken Cushner: *Water and Peace: An Internationally-Collaborative Curriculum Project Addressing Issues Related to Water and Culture*
- IW Learn (Mish Hamid + Janot Mendler): *From Communication to Collaboration: Building the Virtual Architecture for a Global Water Resources Community of Practice*
- Ognen Bonacci: *Conflict and/or co-operation in transboundary karst groundwater resources management*
- Jan-Herman Clevering: *Transboundary fresh water conflict indicators*
- Marten Van Harten: *Europe's Troubled Waters*
- Eisa Abdelgalil: *Sharing water: a quantitative modeling approach to international law*
- A. Parparov: *Some Conceptual features of Water Quality Valuation*
- Eva Csobod, *n.a.*
- Valentin V. Naidenko (*to be confirmed*)
- IHE WaterNet Poster (*to be confirmed*)

Thursday, 21 November 2002

09:00h - 10:45h

Auditorium A

SESSION 2

“Enlarging the pie?”: identifying, sharing and creating benefits

Session Chair: Keith Hipel, Professor, University of Waterloo

Rapporteur: Fiona Curtin, GCI

Keynote speaker: David Grey, World Bank

Panel debate:

Case study *Lesotho Highland Water Scheme / Orange River*

Chair of Panel:

- **Chair:** R. M. Teka Teka, Chief Delegate, Lesotho Highland Water Commission, Delegation of South Africa

Members of Panel:

- Two Representatives of ORASECOM

Open debate and embedded presentations

(summaries of papers - 5 min.)

- Ahmed Uddin Ahsan: *From Potential Conflict to Cooperation Potential between Bangladesh and India: The case of the Ganges' water sharing*

Thursday, 21 November 2002 (continued)

10:45h - 11:15h	<i>Coffee break</i>
11:15h - 13:00h Auditorium A	<p>SESSION 3</p> <p>Public and private actors and partnerships on different scales</p> <p>Session Chair: Joseph W. Dellapenna, Villanova University School of Law</p> <p>Rapporteur: Ingvar Andersson, UNDP</p> <p>Keynote speaker: Margaret Catley-Carlson, Global Water Partnership (GWP)</p> <p>Panel debate: Case study <i>Danube River Basin</i></p> <p>Chair of Panel:</p> <ul style="list-style-type: none">• Michaela Popovici, International Commission for the Protection of the Danube River <p>Members of Panel:</p> <ul style="list-style-type: none">• Jean-Louis Blanc, Suez Lyonnaise des Eaux• Charlie Avis, WWF International, Danube Carpathian Programme• Representative of Public Services International• Adriana Pienaru, Green Cross Romania <p>Open debate and embedded presentations (summaries of papers - 5 min.)</p> <ul style="list-style-type: none">• Steven Renzetti: <i>The relationship between the ownership and performance of municipal water utilities</i>
13:00h - 14:00h	<i>Lunch</i>
14:00h - 15:45h Auditorium A	<p>SESSION 4</p> <p>Climatic, social and technological changes and their impacts</p> <p>Session Chair: Evan Vlachos, Professor, Colorado State University</p> <p>Rapporteur: Shamy Puri, International Association of Hydrogeologists</p> <p>Keynote speaker: Slobodan Simonovic, Professor and Research Chair, Institute for Catastrophic Loss Reduction, University of Western Ontario</p> <p>Panel debate: Case study <i>Mekong River basin</i></p> <p>Chair of Panel:</p> <ul style="list-style-type: none">• Sokhem Pech, Director of Technical Support Unit of the Mekong River Commission (MRC) <p>Members of Panel:</p> <ul style="list-style-type: none">• Muanpong Juntopas, MRC• Wolf Hartmann, MRC

Thursday, 21 November 2002 (continued)

	<p>SESSION 4 (continued)</p> <p>Open debate and embedded presentations (summaries of papers - 5 min.)</p> <ul style="list-style-type: none"> • Shadananan Nair, <i>Conflicts associated with increasing population and water need-challenges in the water resources management in India</i>
15:45h - 16:15h	Tea break
16:15h - 17:15h Auditorium A	<p>SESSION 5</p> <p>What incentives does water offer for co-operation?</p> <p>Session Chair: Houria Tazi Sadeq, Professor, UNESCO Interdisciplinary Chair for sustainable water management</p> <p>Rapporteur: Frank Jaspers</p> <p>Keynote speakers: Fekri Hassan, London University College; <i>Ethical and cultural incentives of water for co-operation</i></p> <p>Discussion</p> <p>Kerstin Mechlem, FAO; <i>Water as a vehicle for inter-state co-operation under scarcity conditions: a legal perspective</i></p> <p>Discussion</p>
17:30h - 19:30h 17:30h - 19:30h Room 2	<p>THEMATIC PARALLEL SESSIONS</p> <p>Methodologies (15 min.)</p> <p>Chair: Luis Veiga da Cunha, Professor, Universidade Nova de Lisboa</p> <ul style="list-style-type: none"> • Gro D. Ofjord: <i>Use of Computer Models in Management and Negotiation of International Water Resources</i> • Basman Towfique: <i>Hydro-politics: Economic Analysis of International Water Treaties</i> • Slobodan Simonovic: <i>A Conflict Resolution Support System for Use in Water Resources Management</i> • Branko Bosnjacovic: <i>Negotiations in the context of international water-related agreements</i> • Anthi Dionissia Brouma: <i>Water and security in international relations: a non-conflictual discourse</i> • Miguel Angel Tobarra Gonzalez: <i>The influence of asymmetric information in the design of Transboundary Water Agreements</i>

Thursday, 21 November 2002 (continued)

17:30h - 19:30h Auditorium A	THEMATIC PARALLEL SESSIONS (continued)
17:30h - 19:30h Room 3	<p>Case studies from Middle East and Asia (15 min.)</p> <p>Chair: Frank Hartvelt, Capacity Building Consultant</p> <ul style="list-style-type: none">• Aysegül Kibaroglu: <i>Prospects for co-operation in the Euphrat-Tigris River Basin</i>• Ibrahim Gurer: <i>Water Issue Among the Riparian States of Euphrates and Tigris Transboundary Rivers in the Middle East</i>• Ayman Jarrar & Y. Awayes: <i>Water from conflict to cooperation, the palestinian and Israeli case: Article 40 between Theory and practice</i>• Abdul Aziz Al Masri: <i>An agreement between the Syrian Arab Republic and the Lebanese Republic for the sharing of the great southern River Basin Water and the building of a joint dam</i>• Stefan Deconinck: <i>Israeli water policy and prospects for regional sustainable development</i> <hr/> <p>National and Regional Water Policies (15 min.)</p> <p>Chair: Adriana Pienaru, Green Cross Romania</p> <ul style="list-style-type: none">• Rauf Israfilov: <i>Transboundary Water Basins in Azerbaijan Republic: Conflict or Co-operation</i>• Kim He-Young: <i>The water resource question in South Korea: transforming water policy, civil structures and constructed knowledge</i>• K. D. W. Nandalal: <i>Conflicts facing the proposed Water Resources Policy of Sri Lanka</i>• Carlos Lascurain: <i>Conflict and Cooperation: Managing the Water of the Rio Grande and the Colorado River at the Mexico-U.S. Border</i>

Friday, 22 November 2002

08:30h - 10:15h
Auditorium A

SESSION 6

Implementing international security agreements –
interaction with water resources management

Session Chair: Risto Lemmelä, Professor, Helsinki Technical
University

Rapporteur: Frank Jaspers

Keynote speaker: Gianluca Rampolla di Tindaro, OSCE

Panel debate: Case study *Lempa River basin*

Chair of Panel:

- Munther Haddadin, former Minister of Water Affairs, Jordan

Members of Panel:

- Alexander Lopez, Gerente Técnico Proyecto Conflicto y Cooperación Ambiental en Cuencas Internacionales Centroamericanas, Costa Rica
- J. C. Montufar, Gerencia Unidad Tecnica Trinacional
- Kusum Athukorala, Women for Water and Peace, Sri Lanka

Open debate

10:15h - 10:45h

Coffee break

10:45h - 12:00h
Auditorium A

SESSION 7

Synthesis: Summaries of issue debates
by the rapporteurs

Chair: Jan Leentvaar, Ministry of Transport, Public Works
and Water Management, Netherlands

- Frank Jaspers (IHE)
- Shammy Puri, IAH
- Uri Shamir, Water research Institute Technion
- Ingvar Andersson, UNDP
- Fiona Curtin, GCI

Discussion

Friday, 22 November 2002 (continued)

<p>12:00h – 12:30h Auditorium A</p>	<p>SESSION 8 International support for co-operation around water: education, awareness raising, governance: towards an advisory panel? Chair: Kusum Athukorala, Women for Water and Peace, Sri Lanka Keynote speaker: Aaron Wolf, Oregon State University Discussion</p>
<p>12:30h - 13:30h</p>	<p><i>Lunch</i></p>
<p>13:00h – 14:15 Auditorium A</p>	<p>DEBATE PC→CP: Water for Peace <i>quo vadis?</i> Ideas for the programme's 2nd phase Moderator: Lord Selborne, Chair Subcommission on Freshwater, World Commission of the Ethics of Scientific Knowledge and Technology (COMEST)</p>
<p>14:15 - 14:30h Auditorium A</p>	<p>CLOSING SESSION</p> <ul style="list-style-type: none"> • Janos Bogardi, IHP • Fiona Curtin, GCI • Gianluca Rampolla di Tindaro, OSCE
<p>15:30h – 18:00h Auditorium A</p>	<p>OPENING CEREMONY UNESCO-IHE INSTITUTE FOR WATER EDUCATION DELFT</p>
<p>20:00h – 22:00h</p>	<p>DINNER (IHE GROUND FLOOR)</p>