

6TH BIENNIAL

ROSENBERG

INTERNATIONAL FORUM
ON WATER POLICY

ZARAGOZA
SPAIN



24-27 JUNE
2008





SIXTH BIENNIAL
ROSENBERG
INTERNATIONAL
FORUM
ON WATER POLICY
■ 2008 ■

Dear Participant:

On behalf of the Advisory Committee I welcome you to Zaragoza, Spain and the 6th Rosenberg International Forum on Water Policy. This year's Forum is held in conjunction with EXPO2008, an international exposition focused on "water and sustainable development." EXPO2008 has joined with the University of California and the Bank of America, as a principal co-sponsor of this Forum. On Wednesday evening participants will have the opportunity to visit EXPO, see the various exhibits, enjoy the entertainment and participate in the interactive conversations that are all part of this great event. We are grateful to the officers and staff of EXPO2008 as well as to Professor Antonio Embid, long-time Rosenberg Forum participant, for their help in engaging the Rosenberg Forum with EXPO2008.

This year the formal sessions will occupy two and a half days and will be part of the "Meetings and Parallel Events of the Water Tribune" at Zaragoza. We highlight as well the generous support of the Capitanía General de Aragón, the old palace and prestigious building where the sessions are going to take place. The theme of this 6th Forum is: "Water for Food: Quantity and Quality in a Changing World." This theme proves to be particularly timely in light of rising global food prices and the potential increases in agricultural water demand associated with the projected increases in global population. The Forum sessions will include an integrated perspective on agricultural water use, presentations on the globalization of the world's water resources, prospects for optimizing the productivity of water in agriculture, the importance of water for life support, revitalizing water governance and a consideration of the modern Spanish experience in maintaining water supplies sufficient to support its agricultural industry. As usual, interactive discussions among the participants will be at the core of the Forum. I hope you will find these discussions informative and interesting.

This 6th Forum continues the tradition of an "Artist-in-Residence" established at the 5th Forum in Banff. The Artist-in-Residence is again photographer Craig Richards of Canmore, Alberta. Craig has prepared a large exhibition entitled: "Water: Images of Spain" especially for this Forum. The Forum is especially grateful to the AgBar Foundation and its Museum for the generous support that makes this exhibition possible. The exhibition will remain on display throughout EXPO2008.

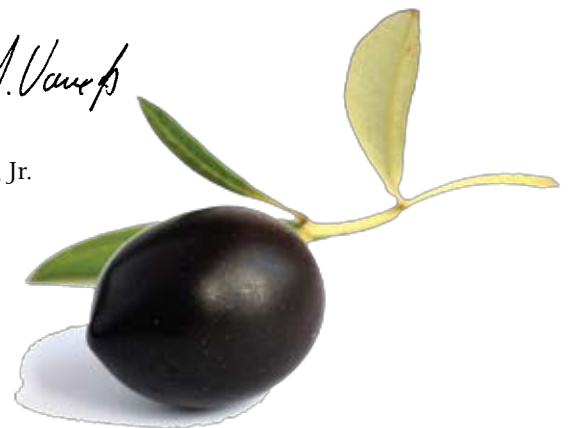
In addition to the principal co-sponsors noted above, we are fortunate to have additional sponsors. These include the Government of Aragon who is hosting the opening reception, Alberta Government, Alberta Water Research Institute, Whyte Museum, and Max Bell Foundation. We are grateful for the support of all of these co-sponsors and are particularly pleased to have the Alberta institutions join with us again to support the Forum. I hope you will make yourselves known to the co-sponsors and join with me in thanking them for their support.

I look forward to welcoming each of you to this 6th Rosenberg Forum. I trust that you will find the sessions professionally and personally rewarding and that you will enjoy the pleasant surroundings in Zaragoza.

Best wishes,



Henry J. Vaux, Jr.
Chair



FIELD TRIP ■ 24 JUNE

Madrid to Zaragoza

08:00 **Depart from Auditorium
Madrid Hotel**

Rest Stop: Medinaceli

Medinaceli is a municipality and town in the province of Soria, Spain.

During the Middle Ages, Medinaceli was a town that lay between the lands of the Christians and the Muslims. Situated at the confluence of the river Jalón, from the Roman era until 1994, its saltworks were exploited for commercial use.

The castle of Medinaceli served as the residence of the Dukes of Medinaceli until the Ducal Palace was used for this purpose. Other buildings include the Colegiata de Nuestra Señora de la Asunción, whose abbots fought with the bishops of Sigüenza to maintain the city's rights. The Convent of Saint Elizabeth (16th century), which lies next to the church of San Martín, also stands in good condition. The beaterio (house inhabited by lay sisters) of San Román is in ruins; it may have previously been a synagogue.

**Arrive: Monasterio de Piedra
Tour of Parque and Museum**

Historia del Monasterio is hidden in the high sierras of the Sistema Iberico mountain range, in the municipality of Nuevalos in the province of Zaragoza. The natural park of the Monasterio de Piedra offers one of the most gratifying visits imaginable. The park is part of the network of protected natural areas of Aragon, and designated since 1945 as an Area of Natural Beauty.

The park preserves dense forests in an ecosystem of great biological richness with many different species of animals and a great variety of giant trees.

13:00 **Lunch on-site**

16:00 **Depart for Zaragoza**

18:00 **Arrive in Zaragoza at
Melia Hotel**



ROSENBERG
PRE-FORUM
FIELD
TRIP
24 JUNE



WATER FOR FOOD: QUANTITY & QUALITY IN A CHANGING WORLD

24 June 2008

Location: Edificio Pignatelli, Patio de Protocolo

- 1930 Opening Reception – Sponsored by the Government of Aragón
Welcoming Remarks by Consejero de Presidencia,
Javier Velasco

25 June 2008

Location: El palacio de la antigua Capitanía General de Aragón, Plaza de Aragón, 9

- 0900 Welcome and Introductions – Opening Remarks
Henry Vaux, Chairman, Rosenberg International Forum
Daniel Dooley, Vice President, UC-Agriculture and Natural Resources
Roque Gistau, President, EXPO2008
Fred Cannon, Advisory Member, Rosenberg International Forum

- 1000 Keynote Addresses
What Will Define Sustainability in a Future World
John Briscoe, Brazil
Round Table Discussion
Water and Food in a Changing World
Margaret Catley-Carlson, Canada
Round Table Discussion

Session I:

An Integrated Perspective on Agricultural Water Use (*Ariel Dinar, Chair*)

- 1200 Integrating Agricultural Water Use with the Global Water Budget
Malin Falkenmark, Sweden
Integrated Watershed Management
Akissa Bahri, Ghana
Round Table Discussion

- 1400 Lunch

Session II:

Globalization and Water (*Moti Shechter, Chair*)

- 1600 Globalization of Water through Virtual Water Trade
Hong Yang, Switzerland
Modern Agriculture Under Stress: Lessons from the Murray-Darling
Wendy Craik, Australia
Round Table Discussion
- 1800 Adjourn for the Day
- 1900 Bus Depart for EXPO

26 June 2008

Session III:

Optimizing Water Productivity (*Ayman Rabi, Chair*)

- 0930 Optimizing Water Productivity in Food Production
Elias Fereres, Spain
Water Productivity: Challenges Facing Agricultural Development
Shawki Barghouti, United Arab Emirates
Round Table Discussion
- 1130 Break

Session IV:

Water for Life Support (*Yuksel Inan, Chair*)

- 1200 Balancing Water for People and Nature
Uriel Safriel, Israel
Optimizing Water for Life
Daniel (Pete) Loucks, United States
Round Table Discussion
- 1400 Lunch and Exhibition Showing,
Paraninfo de la Universidad

Session V:

Revitalized Water Governance (*Robert Sandford, Chair*)

- 1630 Beyond Universal Remedies for Good Water Governance: A Political and Contextual Approach
Helen Ingram, United States
Promises Under Construction: The Evolving Paradigm for Water Governance and the Case of Northern Mexico
Margaret Wilder, United States
Round Table Discussion
- 1830 Conclusions for the Day

- 2000 Gala Dinner – Sponsored by the Agbar Foundation and Museu Agbar de les Aigües
Location: NH Gran Hotel, Salón de Banquetes,
Calle Joaquín Costa 5

27 June 2008

Session VI:

Water for Food and the Modern Spanish Water Experience (*Henry Vaux, Chair*)

- 0930 Lessons for Spain: A Critical Assessment of the Role of Science and Society
Alberto Garrido, Spain
The Spanish National Water Policy
Consuelo Varela-Ortega, Spain
Round Table Discussion
- 1130 Break
- 1200 Conference Summary
Peter Gleick, United States
- 1245 Adjourn

SPEAKERS

Dr. Akissa Bahri

Director for Africa, International Water Management Institute
Ghana

Agricultural engineer who works for the National Research Institute for Agricultural Engineering, Water and Forestry in Tunisia and is in charge of research management in the field of agricultural water use of marginal waters, sewage sludge and their impacts on the environment. In 2005, she joined the International Water Management Institute as Director for Africa.

Dr. Shawki Barghouti

Director General, International Center for Biosaline Agriculture
United Arab Emirates

Served as research advisor, chief of water and agricultural division for South Asia, and as an irrigation advisor at the World Bank. Served as the Director General of the International Crops Research Institute for the Semi Arid Tropics (ICRISAT) in India. Currently Director General of International Biosaline Agriculture which hosts the Arab Water Academy.

Dr. John Briscoe

Country Director for Brazil, World Bank
Brazil

Educated at University of Cape Town and Harvard. Lived and worked in South Africa, United States, Bangladesh, India and Brazil. Served as Senior Water Advisor and Country Director for Brazil in the World Bank.

Mrs. Margaret Catley-Carlson

Patron/Board Member, Secretary General Advisory Board/ GWP/IWMI
Canada

Member of the UN Secretary General Advisory Board on Water and Chair of the Water Resources Advisory Committee for Suez of Paris. Previously President of the Canadian International Development Agency and Population Council, Canadian Deputy Minister of Health and Deputy Director of UNICEF-UN/ASG.

Dr. Wendy Craik

Chief Executive, Murray-Darling Basin Commission
Australia

Member of the Board of the Foundation for Rural and Regional Renewal and the World Fish Centre. Awarded an AM in 2007 for her contribution to natural resource management and rural policy.

Mrs. Malin Falkenmark

Professor, Stockholm International Water Institute
Sweden

Previously Executive Secretary, Chair of the Swedish National Committee for UNESCO's International Hydrological Decade/Programme. Currently Professor of Applied and International Hydrology. Chaired Scientific Programme Committee for the annual Stockholm Water Symposia. Currently Senior Scientific Advisor at Stockholm International Water Institute (SIWI), and guest professor at Stockholm Resilience Center.

Dr. Elias Fereres

Professor, IAS-CSIC and University of Cordoba
Spain

PhD in Agricultural Engineering from UPM, Spain, MSc and PhD in Ecology from UC Davis. Currently professor at the University of Córdoba, Spain, and researcher at the Institute of Sustainable Agriculture (IAS-CSIC). Areas of expertise include water sciences and engineering.

Dr. Alberto Garrido

Associate Professor, Technical University of Madrid
Spain

Associate Professor at the Technical University of Madrid (Spain). His work focuses on water economics, water use in agriculture, climate risks, and water, agricultural and natural resources policies. Rosenberg Advisory Board Member.

Dr. Peter Gleick

President, Pacific Institute
United States

Co-founder and President of the Pacific Institute in Oakland, California and member of the U.S. National Academy of Sciences. MacArthur Foundation Fellow in 2003 and author of The World's Water biennial book on water.

Dr. Helen Ingram

Research Fellow, Southwest Center, University of Arizona
United States

Authored or edited over a dozen books and a hundred book chapters and journal articles dealing largely with water resources policy and institutions. RIFWP Board Member.

Dr. Daniel "Pete" Loucks

Professor, Cornell University
United States

Teaches and conducts research at Cornell University in the area of analysis and management of regional environmental and water resources systems.

Dr. Uriel Safriel

Professor, Hebrew University of Jerusalem
Israel

Professor of Ecology at the Hebrew University of Jerusalem, former Director of the Blaustein Institutes for Desert Ecology of Ben-Gurion University of the Negev, Israel, Former Chief Scientist of the Israeli Nature and Parks Authority, Chair of the Executive Committee of the Scientific Advisory Board of the Zukerberg Institute of Water Science and Technology, and author of chapters in IPCC and the Millennium Ecosystem assessment reports.

Dr. Consuelo Varela-Ortega

Universidad Politecnica de Madrid
Spain

Actively involved in research in Spanish, EU and International networks in water economics and policy, agricultural policy and institutions. Collaborates with international organizations (FAO, IDB, WB, CIHEAM, EU), and is Spain's country representative in the International Association of Agricultural Economists (IAAE) and a member of the Advisory group for Environment and Climate change in the Research Directorate of the European Commission.

Dr. Margaret Wilder

Professor, Latin American Studies/Geography, University of Arizona
United States

Investigator on the NOAA Climate Assessment of the Southwest Project. Expertise focuses on water governance in Mexico and Latin America, water and development, and the political ecology of water in Mexico. She has researched and published on water and smallholder irrigated agriculture, water and equity, decentralization, and U.S.-Mexico border region water and climate sustainability.

Dr. Hong Yang

Senior Scientist
Swiss Federal Institute for Aquatic Science and Technology
Switzerland

Leader of the Water, Food and Environment Studies group in the Department of Systems Analysis, Integrated Assessment and Modelling. Received PhD from Adelaide University in 1994. Research interests include integrated land and water resources management, water scarcity and its impacts on food security and implications for the global food trade, regional development, poverty alleviation, and water and agricultural policies.

SPECIAL GUESTS

Sr. Leandro Amargos

Director, AgBar Foundation
Spain

Sr. Eloy Colom

Professor, Titular de Derecho Administrativo
Universidad de Zaragoza
Spain

Sr. Roque Gistau

President
Expo Zaragoza 2008
Spain

Sr. Ismael Jiménez

Professor Titular de Derecho Financiero y Tributario,
Universidad de Zaragoza
Spain

Sra. Lucía Soriano Martínez

Former Responsable Ejecutiva, de la Tribuna del Agua
Expo Zaragoza 2008
Spain

Sr. Eduardo Mestre

Director, de la Tribuna del Agua
Expo Zaragoza 2008
Spain

Sr. Francisco Pellicer

Assistant Director of Operations and Contents
Expo Zaragoza 2008
Spain

Sra. Emi Turull Pibernat

Director, AgBar Museum
Spain

Mr. Craig Richards

"Artist-in-Residence"
Whyte Museum
Canada

The Honorable Todd Robinson

Consulado General de EE.UU
Spain

Sr. Sergio Salinas

Professor Titular de Derecho Internacional Público
Universidad de Zaragoza
Spain

PARTICIPANTS

Mr. Ahmet Oktay Aksoy

Director, International Programmes,
Turkish Foreign Policy Institute
Turkey

Served as a Turkish diplomat in Moscow, Geneva, New York and as Ambassador in Helsinki, Amman and Stockholm. Currently serves as an Executive Board Member of the Turkish Foreign Policy Institute.

Dr. Sihem Benabdallah

Associate Professor, Center for Water Research and Technologies of Tuni
Tunisia

Previously headed a number of water management projects in West and North Africa. Currently a member of several steering water project committees in Tunisia. Interests include watershed modeling, water management and impact assessment of hydraulic structures.

Dr. Prachoom Chomchai

Chulalongkorn and Thammasat Universities
Thailand

Graduate of Oxford and Paris universities and was called to the Bar in the United Kingdom. Worked for the United Nations under the Mekong Committee, acted as an international commercial arbitrator, and taught law and economics in the United States as well as in Thailand. Emeritus Professor of Economics at Chulalongkorn University.

Mr. Daniel M. Dooley

Vice President, Agriculture & Natural Resources,
University of California
United States

Recently appointed University of California (UC) Vice President - Division of Agriculture and Natural Resources (ANR). Currently leads a statewide research and public service organization responsible for activities in agriculture, natural resources, environmental sciences, family and consumer sciences, forestry, human and community development, 4-H/youth development and related areas.

Mr. Kindy Gosal

Manager, Water Initiatives, Columbia Basin Trust
Canada

Community practitioner past 15 years focused at the grassroots level assisting communities. Professional forester by training and has worked internationally on forestry and socio-economic development projects in Africa and Asia. Active regionally and internationally in trans-boundary water policy, community engagement, and Climate Change.

Mr. Pieter Heyns

Director, Heyns International Water Consultancy
Namibia

Retired Head, Department of Water Affairs and Forestry in the Namibian Government. Currently active as a professional civil engineer and International Waters Consultant. Interests include transboundary water management, arid region hydrogeology, water legislation and institutional development, integrated water and natural resource management

Mr. Ron Hicks

Deputy Minister, Executive Council,
Government of Alberta
Canada

Deputy Minister and Executive Council of public service for the Alberta Government. Holds a B.Sc in Engineering (Water Resources) and an MBA from the University of Alberta.

Mr. David Hill

Program Director, Alberta Water Research Institute
Canada

Member of the Alberta Water Council since its inception in 2004. David has 35 years of experience in water management in Alberta. Interests include broadening participation and cooperation between diverse interests groups.

Mr. Holger Hoff

Stockholm Environment Institute
Sweden

Scientist and research fellow at the Potsdam Institute for Climate Impact Research and Stockholm Environment Institute. Currently coordinates the Green-Blue Water Initiative, GLOWA Jordan River Project, and the ecosystems workpackage of the EU Climate Change Project CIRCE.

Dr. Antonio Embid Irujo

Faculty of Law Professor, University of Zaragoza
Spain

Eminent international authority in water law. Previously Professor in the University of Valencia, Spain, researcher in the March Foundation and Alexander von Humboldt Foundation. Worked in the Max Planck Institute in Heidelberg, Germany. Law Degree and a Doctorate of Law from University of Zaragoza. Author or co-author of 13 books and over 30 articles. Drafted or has participated in various bills in Spain and around the world. Chief Researcher in Research Project (CAYCIT, Ministry of Education and Science) on "Public and private aspects of shaping sustainable development of natural resources: A special study on water," and in the Research Group "Water, Law and Environment". Coordinated five reports on the National Hydrological Plan presented at the European Parliament in 2003.

Dr. Ramón Llamas

*Professor, Complutense University
Spain*

Fellow of Spain's Royal Academy of Sciences. Previously served as President of the International Association of Hydrogeologists and as Vice President of the International Water Resources Association. Authored and co-authored roughly one hundred books or monographs and about two hundred scientific papers.

Mr. Rodrigo Maia

*Professor, Faculdade de Engenharia da
Universidade do Porto
Portugal*

Associate Professor of FEUP, member of the Board of the EWRA (European Water Resources Association). Editor of 1 book, author/co-author of 4 chapters in books, with more than 45 papers in international scientific periodicals.

Dr. Jennifer McKay

*Professor, University of South Australia
Australia*

Director of Research Centre and a Fulbright fellow to the UC Berkeley School of Law for 2008. Over 60 publications on comparative water policies and laws mainly on Australia and India.

Dr. Daniela de las Mercedes Arellano Acosta

*Geophysics Engineer, Geological Sciences,
Environment Agency/Cuban Academy of Sciences
Cuba*

Geophysical Engineer at Polytechnic Higher Institute. Previously worked in groundwater prospecting and contamination activities. Currently Director of a Cuban Government/UNDP/GEF Project devoted to the biodiversity protection and conservation.

Dr. Abdel Fattah Metawie

*Chairman, Nile Water Sector, Ministry of
Water Resources
Egypt*

Serves as Governor of the World Water Council, Vice President of the Mediterranean Water Institute Marseille of France, Hydrological Advisor of the World Meteorological Organization in Egypt, and a member of the Technical Advisory Committee for the Nile Basin Initiative.

Mr. William Mills

*Retired General Manager, Orange County
Water District
United States*

Retired General Manager of a groundwater management agency near Los Angeles, CA that provides 75% of the water needs for 2.6 million residents. Serves as President of the Water Education Foundation.

Mr. Sayed-Farhad Mousavi

*Professor, Isfahan University of Technology
Iran*

Currently teaches and conducts research in the areas of Water Resources, Irrigation, Soil Physics and Drainage in the College of Agriculture. He received a MSc and PhD while studying on scholarship at Iowa State University, USA.

Mr. John Nilson

*Queen's Counsel, Member Legislative Assembly,
Saskatchewan Legislature
Canada*

Previously partner at MacPherson, Leslie and Tyerman law firm, elected Member of Saskatchewan Legislature, Attorney General, Minister of Crown Investments, Minister of Health, Minister of Environment and Water. Currently lawyer and mediator, opposition justice critic.

Dr. Silvia Rafaelli

*Doctor, Engineering Sciences,
Water Resources Undersecretary of Argentina
Argentina*

International Technical Coordinator of the GEF-Project located in Argentina, Bolivia, Brazil, Paraguay, and Uruguay. Advisor to Argentinean Water Resources Undersecretary for international issues and inter-institutional relations. Worked for the National Institute of Water Science and Technology, INCyTH in Argentina, ISMES in Italy, FAO in Argentina and the Regional Commission of the Bermejo River in Argentina.

Dr. R. Maria Saleth

*Principal Researcher, International Water
Management Institute
Sri Lanka*

Consultant to the World Bank, Asian Development Bank, FAO and UN ESCAP. Associate Editor of Water Policy, member of the Editorial Advisory Board of Technological Forecasting and Social Change, and on board with the Journal of Environmental and Ecological Management.

Dr. Dennis Schornack

*Consultant,
Michigan United Conservation Clubs
United States*

Served as Chairman of the U.S. Section of the International Joint Commission, U.S. and Canada, and U.S. Boundary Commissioner, both presidential appointments. Previously Senior Policy Advisor to Michigan's governor and a policy analyst for public health and the environment.

Dr. Lorne Taylor

*Chair, Alberta Water Research Institute
Canada*

Previously elected to the Legislature of Alberta and served as Minister of the Environment, where the Water for Life program was developed during his term. Currently chair of the Alberta Water Research Institute, a newly created institute by the Government of Alberta.

Dr. Fernando Urquidi-Barrau

*Member, Bolivian National Academy of Science
Bolivia*

Geologist with a PhD in Applied Geochemistry of the Imperial College, UK. Full Member of the Bolivian National Academy of Science and advisor to the Bolivian Government on water issues. Previously worked on water issues in the Bolivian-Chilean border.

Dr. Peter van Niekerk

*Chief Director, Integrated Water Resources Planning,
Department of Water Affairs and Forestry
South Africa*

Professional Engineer in water resources engineering and management. Degrees from the University of Stellenbosch (South Africa) as well as Stanford University (USA), and is a Fellow of the Institute of Civil Engineers in South Africa. He heads the national water resources planning function in the Dept. of Water Affairs and Forestry.

Mr. Philip Weller

*Executive Secretary, International Commission for the
Protection of the Danube River
Austria*

Responsible for the management of the ICPDR, which is the forum for the 14 major Danube countries and the European Commission to implement their commitments made to improve water quality and water management in the Danube Basin. Holds a Masters of Urban and Regional Planning and is an environmental planner by training.

Dr. Wang Xi

*Professor, School of Law, Shanghai Jiao Tong
University
P.R. China*

Director for the Environmental and Resources Law Institute of Shanghai Jiao Tong University.

Dr. Marylynn Yates

*Professor of Environmental Microbiology, Department
of Environmental Sciences, University of California,
Riverside
United States*

Professor of Environmental Microbiology, Department of Environmental Sciences, University of California, Riverside and Program Leader, Natural Resources and Animal Agriculture, Division of Agriculture and Natural Resources, University of California. Interests include human pathogen considerations associated with wastewater reuse and biosolids application to land; and the development of methods for the rapid detection of infective viruses in environmental samples.

Dr. Moncef Zou'bi

*Director General, Islamic World Academy of Sciences
Jordan*

Studied and worked in the UK before joining the IAS in 1990. He has been involved in international scientific co-operation for over 20 years, and has published extensively on North-South and South-South scientific co-operation including 40 papers and articles and 12 co-edited books.

ADVISORY MEMBERS

Ms. Kimberly Beaird

*Forum Coordinator, University of California
United States*

Serve as coordinator and manager of all aspects of the biennial Forums since 2000. Coordinate Regional Conferences, manage web site, proceedings, and financial functions. During my 25 years with the University of California, served majority of career in management of regional and statewide outreach programs within the Agriculture and Natural Resources Division, Office of the President.

Mrs. Leith Bouilly

*Murrumbidgee Irrigation
Australia*

Farmer in natural resource management and water. Previously occupied a diverse range of roles at local, state and national levels in Australia. Member of the Rosenberg Int'l Forum Advisory Board.

Mr. Fred Cannon

*Managing Director, Equity Research
Keefe, Bruyette and Woods
United States*

He joined KBW in 2003. Prior to joining KBW, Fred was Executive Vice President, Director of Investor Relations and member of the Operating Committee for Golden State Bancorp and its subsidiary, California Federal Bank. Also served as Executive Vice President and Director of Investor Relations Department at Bank of America where he had a 16 year career in economics and finance.

Dr. Ariel Dinar

*Lead Economist, World Bank
United States*

Lead Economist in the Development Research Group of the World Bank, Washington DC, United States. His work focuses on economic and institutional aspects of water management at regional and international levels. Member of the RIFWP Board.

Dr. Alberto Garrido

*Associate Professor, Technical University of Madrid
Spain*

Associate Professor at the Technical University of Madrid (Spain). His work focuses on water economics, water use in agriculture, climate risks, and water, agricultural and natural resources policies. Rosenberg Advisory Board Member.

Dr. Faik Yuksel Inan

*Professor, Bilkent University
Turkey*

Currently teaching at Bilkent University, holding an LLB and PhD. Academician in the field of International Law.

Dr. Helen Ingram

*Research Fellow, University of Arizona
United States*

Authored or edited over a dozen book and a hundred book chapters and journal articles dealing largely with water resources policy and institutions. RIFWP Board Member.

Dr. Lowell Lewis

*Professor, University of California
Spain*

Coordinator of University of California/Catalunya programs that improve links between Catalunya and California in academic, scientific, technological and economic fields. Member of the RIFWP Board.

Mr. Paul Perkins

*Professor, Australian National University
Australia*

Research interests include sustainability policy, transitioning, institutional reform etc. Previous projects include Water Industry Roadmap, Infrastructure for Terrestrial Ecosystem research, Environment Education: Learning Sustainability. Serves on the RIFWP Board.

Dr. Ayman Rabi

*Executive Director, Palestinian Hydrology Group
Jerusalem*

One of the founders of the Palestinian Hydrology Group (PHG) in 1987. Interests include various skills in water related issues and strategies. Supervised the execution of most of the water resources development and research projects implemented by the Group over the past 20 years. Served as local consultant for several local and international agencies. Member of Sustainable Water Supply Committee for the Middle East, sponsored by the US National Academy of Sciences.

Mr. Robert Sandford

*Chair, UN Water for Life Decade in Canada
Canada*

Chair of the Canadian Partnership Initiative in support of the United Nations Water for Life Decade and Director of the Western Watersheds Climate Research Collaborative. Serves on the Rosenberg Advisory Board.

Dr. Mordechai Shechter

*Professor, University of Haifa
Israel*

Chair, Board of the City of Haifa Museums and of National Parks and Nature Reserves Authority; Executive Committee of the Nature Protection Society; National Management Committee for the Council for Beautiful Israel; and Founding Committee and Chair for the Forum on Higher Education, Bashaar Academia for Israeli Society. RIFWP Board Member, Advisory.

Mr. Sekou Toure

*Conflict Resolution Commissioner
Global Environment Facility (GEF)
The World Bank*

Dr. Henry Vaux, Jr.

*Professor Emeritus of Resource Economics at UC
Berkeley and UC Riverside; Former Associate Vice
President for Agriculture and Natural Resource,
University of California
United States*

National Associate of the U.S. National Academies and former Chair of the Water Science and Technology Board of the National Research Council. Served at the Office of Management and Budget and on the staff of the U.S. National Water Commission. Academic field is the economics of water resources.

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