

IWRA Announcements

Elections for the IWRA Executive Board 2007–2009

The following list of nominees for the 2007–2009 Executive Board has been submitted on behalf of the Nominating Committee by Chair Dr. Lilian del Castillo-Laborde (Argentina). The list was reviewed for eligibility and was accepted by the IWRA Executive Board. The selection process of the nominees complies with Article VII (F) of the IWRA Constitution. The Association is grateful that these outstanding individuals are willing to serve as Executive Board members, and are willing to commit to a three year term of service if elected to their respective positions on the Executive Board. In accordance with Article VII (D): i) the election shall be conducted by secret ballot, ii) the election period will last not less than sixty days prior to the date of election, and iii) the Executive Board will supervise the counting of ballots. Ballots are mailed with self-addressed return envelopes and instruction sheet to all paid members of the Association on August 2, 2006. All ballots will be due back at the address shown on the return envelope on October 13, 2006.

The short biographies of the nominees are included here in the order shown in the list for the convenience of the IWRA membership. Please look over the nominees and their biographical notes to become familiar with their backgrounds. Please make your selections, and return your ballot promptly. Only original ballot paper will be accepted as duly filled.

On behalf of IWRA, we would like to express our gratitude to the Chair and members of the Nominating Committee for their diligence and dedication on the important matter of electing a new Executive Board for our Association. Our thanks go to the Nominating Committee Chair Dr. Lilian del Castillo-Laborde, Members: John Pigram (Australia), Weizhen Zhang (China), Yutaka Takahasi (Japan), Recep Yurtal (Turkey), and Vadim I.Sokolov (Uzbekistan), and Zebediah Phiri (Zambia). The work and collaboration of the members of the Executive Board is also appreciated.

It is your turn now to participate effectively in the renewal process as a Member of the Association. Your prompt response and vote will determine the leadership that will take the Association to the next heights and continue the tradition of excellence in water resources set forth by its founders.

Aly M. Shady, P. Eng.
President
International Water Resources Association

List of Nominees for 2007-2009 Board

(* Denotes nomination made by the Secretary General)

President

Cecilia Tortajada (Mexico)

Jun Xia (China)*

Vice-Presidents

Dogan Altinbilek (Turkey)

Hussam Fahmy (Egypt)

Olli Varis (Finland)

Secretary General

Lilian del Castillo-Laborde (Argentina)

Treasurer

Ben Dziegielewski (USA)

Evan Vlachos (USA)*

Chair, Awards Committee

Ismail Najjar (Canada)

Chair, Membership Committee

Gunilla Bjorklund (Sweden)*

Antonio Embid Irujo (Spain)

Chair, Publication Committee

Nestor Correa (Argentina)*

James Nickum (Japan)

Directors

Undala Alam (UK)*

Rui Carlos da Silva (Brazil)

Victor Dukhovny (Uzbekistan)

Eran Feitelson (Israel)*

M. Gopalakrishnan (India)

Shaofeng Jia (China)

Atef Kassem (Canada)

Jennifer McKay (Australia)

Mikiyasu Nakayama (Japan)

Zebediah Phiri (Zambia)

Alexandra Pres (Germany)

Salman Salman (Sudan)

Christopher Scott (USA)

Kaoru Takara (Japan)*

Anthony Turton (South Africa)

Biographical Notes of IWRA Executive Board Nominees

(Appearing in the order shown in the List)

Cecilia Tortajada (Mexico), a biologist, is the Vice-President of the Third World Center for Water Management in Mexico City. In 2005, she was elected as a Fellow of IWRA. She has been advisor to several international organizations and governments of developed and developing countries on regional development issues, especially in terms of water development and environment. She has contributed to the development of national environmental action plans, environmental protection guidelines for the water sector, for countries ranging from Cameroon to Zaire, environmental and social evaluations of water projects, including large dams, for Egypt, India, Mexico, Sri Lanka, and Turkey, capacity building programs, etc., in Latin America, Asia, and Africa. She is serving as a principal researcher for the 2006 Human Development Report of UNDP, the focus of which is on water. Her work has been published extensively in international journals and by prestigious publishers in several languages. As the Director on the IWRA Executive Board 2000-2003, and Vice President during her 2004-2006 tenure, she has worked very actively and extensively in different parts of the world to increase the impacts and visibility of IWRA through the development of numerous activities, including regular IWRA sponsorship workshops and seminars for the Stockholm Water Symposium.

Jun Xia (China) is a Leader Professor on Hydrology and Water Resources, Institute of Geographical Science and Natural Resources Research, Chinese Academy of Science (CAS) by the CAS Hundred Talents Programming since 2000. Recently, he was also pointed as the 1st Vice President, United Research Center of China Water Problems, CAS. He was awarded the National Labor Award on May 1, 2001 by the Chinese Government. In 2001, he was in charge of a key research project entitled “North China Water Cycle and Water Safety Problems to Change Environment,” funded by CAS. He recently completed a series of publications in the *Hydrological Science Journal* and *Water International*. He also served as the General Secretary of the Local Organization Committee of the International Workshop on Vulnerability of Water Resources to Environmental Change, organized with representatives of the IGBP-BAHC, IAHS, IWRA, and other bodies, that was held in Beijing on 18–20 September, 2001.

Dogan Altinbilek (Turkey) received his B.S. degree in Civil Engineering from Middle East Technical University (METU) in Ankara, Turkey in 1965 and his M.S. and Ph.D. degrees (in years 1966 and 1970 respectively) in Civil Engineering from Georgia Institute of Technology in the United States. He was assigned as Assistant Professor in the Civil Engineering Department of METU in 1970 and as Associate Professor in 1979. In 1980, he joined King Abdulaziz University of Saudi Arabia and worked there for 5 years. After returning back to METU, he became a Professor and was appointed Chairman of the Civil Engineering Department in 1988. Professor Altinbilek was appointed in 1996 as Director General of State Hydraulic Works (DSI), which is the major state organization of Turkey that deals with the development of water resources. Since October 2001, Prof.

Altinbilek has resumed his academic post at Civil Engineering Department of Middle East Technical University. During 2000-2003, he was a member of Board of Governors of World Water Council (WWC). Presently, he is the Chairman of Board of Ictas Energy Company in Turkey. Since 2003, Prof. Altinbilek is the President of International Hydropower Association (IHA) whose central office is located in United Kingdom and has over 1800 members in 83 countries.

Hussam Fahmy (Egypt) holds a Ph.D. degree in Water Resources and Hydrology from Colorado State University (CSU), USA. Through his nearly 25-year career, he gained experience in water resources planning and management, mathematical modeling, statistical and hydrological analysis, and flood protection. Since his graduation in 1980 he's worked as researcher for the National Water Research Center (NWRC), Ministry of Water Resources and Irrigation in Egypt. He participated in a number of water resources planning and development projects with scientific, governmental, private and international organizations. Dr. Fahmy has contributed to a number of research projects co-funded by international agencies such as UNDP, USAID, CIDA, and Italian DGDC. Most of these projects involved a multi disciplinary national and international team of experts. He has published over 40 refereed/conference papers and technical reports. Dr. Fahmy acquired valuable teaching experience nationally in Egypt and internationally as well. He gave lectures and short courses organized by national and international organizations such as Egyptian Universities, International Agriculture Center in Egypt, CSU in USA and CIHEAM in Italy. Dr. Fahmy is a member of the Egyptian delegates to ICID. He served on IWRA journal Editorial Board for two years. He is a reviewer for several scientific journals in the field of water resources. Currently, he holds the director position of the Drainage Research Institute, within NWRC.

Olli Varis (Finland) is a Senior Researcher and Lecturer at Helsinki University of Technology Water Resources Laboratory in Espoo, Finland. He currently serves on IWRA Board as Director from Finland. Dr. Varis holds a Ph.D. degree in Water Resources Management and has been working with several UN organizations, Asian Institute of Technology in Bangkok, Thailand, International Institute for Applied Systems Analysis in Laxenburg, and Mekong River Commission. Dr. Varis has broad experience on water policy and governance research, environmental modeling and consultation, and is the author of more than 250 scientific articles. His current research is concentrated on environmental and social impacts of water policies and integrated water resources management in developing countries.

Lilian del Castillo-Laborde (Argentina) is an attorney and a member of the staff of the Under-Secretary for Latin American Affairs for the Argentine Ministry of Foreign Affairs. She had previously taught Public International Law at Buenos Aires University Law School, served as the Chief of the Plata Basin Department at the same Ministry, and as a legal counselor for the Argentine Water Resources Secretary. Dr. Castillo-Laborde has been granted two fellowships by The Hague Academy of International Law, and has taken part in the Freshwater Consultative Forum, the Latin American Water Forum, and the Second, Third, and Fourth Inter-American Dialogues on Water Resources. During 2002 she finished her Doctoral Thesis on the Río de la Plata Legal Regime. She has

published numerous journal articles and book chapters. She currently serves as Chair of Awards Committee of IWRA Executive Board. She served as Director from Argentina on the 2000-2003 Board. Recently Dr. Castillo-Laborde has been elected a Fellow Member of IWRA.

Ben Dziegielewski (USA) is currently Professor of Water Resources at the Department of Geography and Environmental Resources, Southern Illinois University Carbondale, Illinois. He is an IWRA Fellow and has been a member of IWRA since 1987. He served as Editor of the IWRA journal *Water International* from 1998-2003 and 2004 until present, and as the Executive Director of the Association since May 1998. He holds Ph.D. in Geography and Environmental Engineering (Interdisciplinary Degree) from Southern Illinois University Carbondale, and M.S. degree in Environmental Engineering from Wroclaw Polytechnic University in Wroclaw, Poland. His research interests include water demand management, modeling of water use, and water management during drought. He has 25 years of experience in water resources planning and management, and is the author of more than 120 publications. He served as consultant and advisor on urban and region-wide water demand management programs in the United States, Central America and the Middle East.

Evan Vlachos (USA) is Professor of Sociology and Civil Engineering, and Associate Director of the International School for Water Resources at Colorado State University, Fort Collins, Colorado. Dr. Vlachos holds an LL.B. from the School of Law, Athens (1959), an M.A. in Sociology (Indiana University, 1962), a Ph.D. in Sociology (Indiana University, 1964) as well as a Certificate of Russian Studies (Indiana University, 1964). Dr. Vlachos has over 35 years of experience in university teaching and administration, applied research, and consulting. He has worked on a variety of projects nationally and abroad on aspects of urban planning, water resources planning and management, forecasting and futurism, technology assessment and demography. Between 1993 and 2000 he also served as member and chairman of the Advisory Panel on Environmental and Earth S&T in NATO, Brussels. He is also a consultant to the Water Division of UNESCO (Urban Water Conflicts). He authored a large number of books, monographs and articles on water, demography and futurism. Dr. Vlachos is the recipient of the Army's Outstanding Civilian Service Medal (1987), the CSU Oliver Pennock Distinguished Service Award (1988), and the American Water Resources Association's Icko Iben Award (1993). He has served in a variety of national and international commissions, especially on water resources and the environment.

Ismail Najjar (Canada) is the founder and President of Hydrosult, an international consulting firm based in Montreal, Canada, that has been operating since 1980 in a large number of developing countries in the field of water resources management. Mr. Najjar is a water resources planner, whose educational background includes hydrogeology, hydrology, water resources planning, and water sector institutional development and organization. He has completed his graduate and postgraduate education in hydrogeology and hydrology in Egypt and the United States (Ain Shams University, Colorado School of Mines and the University of Idaho) and has conducted part time Ph.D level research on the efficiency of water sector institutions at Loughborough University in the U.K. Mr.

Najjar has over 35 years of experience in water resources planning and management and has led a number of projects financed by the World Bank, Asian Bank, CIDA and a number of other regional and bilateral agencies. Mr. Najjar is a former Treasurer of the World Water Council, Co-founder of the Western Hemispheric Bureau of the World Water Council, and a founding Member of the Arab Water Council and is currently member of the Board of Governors of the World Water Council. Mr. Najjar first joined the IWRA at its founding in 1972.

Gunilla Björklund (Sweden) is an environmental consultant at GeWa Consulting in Uppsala, Sweden. She received her doctoral degree in fluvial morphology and EIA from Uppsala University. Before GeWa Consulting, she served as Executive Secretary at UN/SEI Comprehensive Assessment of the Freshwater Resources of the World, Special Advisor for the Swedish Ministry for Foreign Affairs; Scientific Advisor for Swedish Ministry for the Environment and Program Officer of International Secretariat of the IGBP, Global Change, Stockholm. Dr. Björklund has extensive experience in project management in an international perspective, mainly within the UN-system and with the World Bank, at policy level and with field applications. She has authored around 40 different scientific publications and applied science publications, including joint publications. She also developed several consultancy reports on freshwater policy issues, land degradation and climate including adaptation to climate change. Dr. Björklund also worked as Assistant Professor in Physical Geography, Karlstad University and as Research Assistant, Lecturer, and Assistant Professor in the Department of Physical Geography at Uppsala University.

Antonio Embid Irujo (Spain) is an eminent international authority in water law. Currently a Professor in the Faculty of Law, University of Zaragoza, he was previously Professor in the University of Valencia, Spain, researcher in the March Foundation and the Alexander von Humboldt Foundation. He also worked in the Max Planck Institute in Heidelberg, Germany. He holds a Law Degree and a Doctorate of Law from the University of Zaragoza. Professor Embid is author or co-author of 13 books and over 30 articles in major national and international journals. He has drafted or has participated in the drafting of various bills in Spain and other countries in the world. Recently, Professor Embid served as the Chief Researcher in the 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" in the Department of Education, Government of Aragon, Spain. He also coordinated preparation of five reports on the National Hydrological Plan that were presented in a hearing at the European Parliament in 2003.

Néstor Rolando Correa (Argentina) is an internationally experienced engineer who served as Gerente Técnico of Energía Provincial S.E. in San Juan, Argentina and presently is Advisor of the Subadministrador General, Dirección Nacional de Vialidad, in Buenos Aires. He has a broad project and field experience in water infrastructure, transport and environment, from the project conception through implementation, and in quality/environmental management systems, and integrated water resources management (IWRM). He received his MS degree in Civil and Water Resource Engineering, with high

honors from Engineering Faculty of the National University of San Juan, in Argentina in 1982 and 1988 his 'Doktor-Ingenieur' degree in Hydrology, Water Economy and Agricultural Hydraulic Engineering from University of Hanover in Germany. He held a number of research position in Germany and conducted research and consulting projects in Argentina, Peru, Germany, Brazil, Pakistan and Switzerland. He was lecturer in hydraulics in Argentina, visiting professor in a MS-program on IWRM in Brazil, and senior lecturer in hydrology and water economy in Germany. He served as consultant for hydrometry, hydrology, hydraulic engineering, irrigation and drainage systems, and IWRM, hydropower development and reservoirs operations. He has published more than 30 scientific papers and reports on topics related to IWRM, renewable energy and anthropogenic impacts on water, soil and air resources, written in English, German and Spanish.

James E. Nickum (Japan) is an institutional economist specializing in environmental governance with particular focus on water institutions. He has decades of experience collaborating with multinational experts in disciplines ranging from engineering to anthropology. He is currently Professor of International Relations at Tokyo Jogakkan College in Japan. Before moving to Japan in 1996, he was a senior fellow in the Program on Environment at the East-West Center in Honolulu, Hawaii, where he developed collaborative research projects on urban water conflict and environmental governance. Professor Nickum visited China in 1974 as a member of the US Water Resources Delegation, and in 1980 on a UNU-Chinese Academy of Sciences study mission on inter-basin water transfers and edited the resulting volumes. He lived in Beijing for three years in the 1980s, first as a visiting researcher from Cornell University and then as country program officer and visiting scientist for Winrock International. He has worked on projects on water at regional and global scales, including international waters in South Asia and worldwide lake basin management, and has worked on several water and environmental governance issues specific to Japan. Dr. Nickum is the author or editor of 14 books and monographs and over 50 articles and book chapters.

Undala Alam (United Kingdom) is Postdoctoral Research Officer, Water Sciences, and Sustainable Systems Department at Cranfield University. Dr. Undala Alam did her first degree from Imperial College, London in Chemistry, and then changed directions with a Masters in International Politics from Leeds University. This was followed by a Ph.D. in Political Geography from Durham University on the negotiations between India and Pakistan leading to the 1960 Indus Waters Treaty. In order to better understand the negotiated process, Dr. Alam also trained as a mediator. Since completing her PhD in 1998, Dr. Alam has worked with several institutions in international development, focusing on water resource management. In her last position, held since 2001, she worked simultaneously for UNDP and the World Bank and was responsible for coordinating multi-partner projects on international rivers, and working in multi-disciplinary, multi-cultural teams. Her areas of expertise include water resources management with a particular focus on international water courses, international development, and conflict resolution.

Rui Carlos Vieira da Silva (Brazil) graduated in Civil Engineering at the Polytechnic School of the Federal University of Pernambuco, Brazil, in 1962 and as Docteur ès Sciences Physiques, Mention Mécanique, at The University of Toulouse, France, in 1967. In Brazil, he created the first graduate Brazilian course in hydraulics (M.Sc.) at the Federal University of Rio de Janeiro, Civil Engineering Graduate Program, where he is now Full Professor in Fluvial Hydraulics. Professor Vieira da Silva was Elected Vice-President of the Latin American Hydraulic Association in 1970, during the 8th Symposium of the Latin-American Hydraulic Association in Mexico City, Mexico. He was also a Member of the Scientific Committee of The Sixteenth Congress of the International Association of Hydraulic Research in São Paulo, Brazil in 1975. In 1977, with four more colleagues he founded the Brazilian Water Resources Association. He served as Head of the Project “Hydrodynamic and Fluvial Morphology Modeling of the Amazon River” financed by the Brazilian National Research Council and l’Institut de Recherche pour le Développement, France, from 2001 to 2003. He was elected President of the Brazilian Association of Water Resources, for 2006/07.

Victor Dukhovny (Uzbekistan) holds MS Degree in Civil Engineering (1957), Ph.D. (1972), and Doctor of Science degree (1990). From 1957 to 1973 he participated as a chief engineer of Hunger Steppe development (350 thousand ha of new irrigated lands), a director of construction unit for Karakum canal, a chief engineer and first deputy Chairman of Central Asia Board for irrigation and development of new lands. From 1973 up to 1993 he served as director of Central Asian scientific research institute SANIIRI, where he got a title of professor. Since 1993, he serves as a Director of Scientific Information Center of the International Water Commission for the Aral Sea Basin (SIC/ICWC) in Tashkent. He is currently a Vice President of ICID and he was the Chairman of a topic in 1975 ICID Congress in Moscow and 1978 Congress in Athens. He also served as a Chairman of Scientific Committee of the First Afro-Asian Regional conference of ICID in 1976; Member of ICID Advisory Group of IPTRID; Member and Deputy Chair of ST-ARAL of ICID. He has contributed several Technical Papers in ICID Conferences. In 2003, he was granted the title of Academician in the Russian Academy of Water Science. Dr. Dukhovny also received the Award of Excellency from ICID (July 2002) and the Award of Third World Water Forum as "Water Voice Massager" (March 2003). He is author of more than 350 printed works, 12 monographs, and prepared 22 PhD students.

Eran Feitelson (Israel) is an Associate Professor at the Head of the School of Public Policy at the Hebrew University of Jerusalem, Mount Scopus, Jerusalem, Israel. He received his B.A. degree in geography and MA degree in economics from the Hebrew University and a PhD degree in Geography and Environmental Engineering from the Johns Hopkins University in the USA. He has worked and published extensively on transboundary groundwater issues, mainly in the Israeli-Palestinian context, as well as on water policy and environmental planning issues. He is currently serving as Chair of the Israeli National Parks and Nature Reserves Board.

M. Gopalakrishnan (India) serves as Secretary General of the International Commission on Irrigation and Drainage (ICID). He holds a Master of Engineering Degree (Honors) in Water Resources Development from University of Roorkee (now, IIT-R) and has professional experience of over four decades in the field of water resources development and management. His remarkable academic performance yielded him both Khosla Gold Medal and University Gold Medal for record breaking scores and the top position in both P.G.Dip (Hons) and M.E levels. Engr. Gopalakrishnan had served earlier in various senior positions in Government of India and retired in January 2003, as a Member of the Country's Apex Water Resources Organization in Centre, Central Water Commission (CWC). He was an Ex-Officio Additional Secretary to Government of India. Soon after retirement, Mr. Gopalakrishnan was re-engaged by Government of India as the Coordinator of the Task Force on Interlinking of Rivers, constituted in 2002. He was charged with commissioning various multi-disciplinary studies on the Scheme, evolve a comprehensive Terms of Reference and preparation of Action Plans for the Government. Engr. M. Gopalakrishnan has contributed over 65 papers in various journals, seminars and workshops on many aspects of water resources planning, designs and management aspects. He has delivered a few invited lectures both within and outside India.

Shaofeng Jia (China) received his bachelor degree in 1987 and master's degree in 1989 of water resources engineering in Tsinghua University, doctoral degree in 1997 in human geography in the Institute of Geography, Chinese Academy of Sciences. Dr. Jia is now professor and director of Water Resources Research Center, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences. He has broad study interests in water resources, basin management and trans-disciplinary study of regional sustainable development. He has published more than 50 papers in the last 15 years. He has been in charge of more than 10 research projects and taken part in more than 20 projects. Recently, he has been conducting macroscopic research on water resources carrying capacity, water resources security and water strategies and policies of China. He is also doing microscopic observation research of catchment's eco-hydrology in Qaidam Basin, in the north part of Qinghai-Tibet Plateau. He is the Vice-Chair, Special Committee for Water Resources, Chinese Hydraulic Engineering Society, Member of Academic Working Committee, Geographical Society of China and Member of Special Committee for Water Resources, Chinese Society of Natural Resources.

Atef Kassem (Canada) Graduated with an honors degree in Civil Engineering from Cairo University in 1972. He pursued graduate studies in Canada, specializing in water resources, and obtained a Masters degree from McMaster University in 1976 and Ph.D. from the University of Ottawa in 1982. He has over 30 years of experience in the water field gained through university teaching, working with the private sector, as a private consultant, and with the Canadian Federal Government, where he is currently Senior Technical Advisor. He also worked as a consultant to the Canadian International Development Agency (CIDA), and acted as Project Director and Canadian Team Leader of a major water management project in Egypt between 1997 and 1999. He has served on national and international committees, river basin planning boards, task forces and working groups; organized, co-organized and/or lectured in numerous workshops, seminars and training programs on a wide range of water management topics, including

short courses and international training programs, and published in excess of sixty papers and reports. Dr. Kassem was the Chairman of the Technical Review Committee and Rapporteur General of the IXth IWRA World Water Congress held in Montreal, Canada in 1997. He was also the Rapporteur General of the XIIth IWRA World Water Congress held in New Delhi, India in 2005.

Jennifer McKay (Australia) is a Professor of International Business and Director of the Center for Comparative Water Policies and Laws, at the School of Commerce, University of South Australia in Adelaide. She is a lawyer with over 20 years experience writing on national and international water policy and law issues. She has been invited to make water law reform proposals for various state and federal governments and presently serves as a Director of the Water Policy and Law Group at the University of South Australia. Professor McKay is also a Water Resources Commissioner on the South Australian Environment, Resources and Development Court and has been appointed by two Ministers to the National Heritage Trust funded Mt Lofty Ranges Catchment Board. She has been invited to participate in the Rosenberg International Forum on water policy since their inception. Most recently she received funding for Aboriginal and Torres Strait Islander Commission work on indigenous rights to water. She has engaged in work for three Co-operative research Centers. International bodies such as UNESCO and the World Bank have funded commissioned work of Professor McKay over many years. Professor McKay is a Member of the Editorial Board of *Water International*.

Mikiyasu Nakayama (Japan) is a Professor of the Graduate School of Environmental Studies, Graduate School of Frontier Science, the University of Tokyo, Japan. He received his B.A., M.Sc. and Ph.D. from the University of Tokyo. He served as a program officer in the United Nations Environment Programme (UNEP) between 1986 and 1989. From 1989 to 1999, he used to teach water resources management and its international and environmental aspects at Utsunomiya University, Japan. He then served as an advisor and an expert for several United Nations Organizations (UNEP, UNCHS, UNCRD, and UNU), as well as for Non-Governmental Organizations. From 1994 to 1996, he was "on loan" to the North African Department of the World Bank to deal with water resources management projects in Morocco, Tunisia and Iran. From 1999 he served as professor at the Tokyo University of Agriculture and Technology, as well as Vice Dean of the United Graduate School of Agricultural Sciences. Currently he serves as advisor of a number of domestic and international organizations, including the United Nations University where he is appointed as Academic Advisor to its Environment and Sustainable Development Programme since 2002. He served as Chair of IWRA Communications Committee during the 2000-2003 term.

Zebediah Phiri (Zambia) has work, research and consultancy experience in Zambia and Southern Africa. Dr. Phiri holds Ph.D. in Environmental Engineering from Kumamoto University in Japan, M.Sc. in Tropical Public Health (Environmental and Water Engineering) from Leeds University, U.K. and a Bachelor in Civil Engineering from the University of Zambia. He also holds a certificate of International and National Water Resources Law, IWLR, from the University of Dundee, U.K. He served as manager of the Zambezi Action Plan Project under the Southern African Development Community

(SADC) in charge of developing an IWRM Strategy for the Zambezi River Basin, and facilitating the establishment of a transboundary shared watercourse commission. In addition, he has extensive exposure through work-related and other travel to many parts of the world including Europe, North and South America, Asia and the Middle East, the far East, Australia and Africa.

Alexandra Pres (Germany) is Senior Project Manager on “Global Water Resources”, heading the water portfolio at InWEnt’s Division “Environment, Energy and Water.” InWEnt – Internationale Weiterbildung und Entwicklung (Capacity Building International, Germany) gGmbH is synonymous with human resources and organizational development in international cooperation. Its training, exchange and dialogue programs that offer places for about 55,000 individuals every year make InWEnt a very large-scale joint undertaking of the German Federal Government, the federal state (Länder) governments and industry. InWEnt works with partners in developing countries, transition states and industrialized nations.

Salman M. A. Salman (Sudan) is Lead Counsel with the Legal Vice Presidency of the World Bank, and is the Bank adviser on water law. Before joining the World Bank, Dr. Salman worked as a Legal Officer with the International Fund for Agricultural Development of the United Nations (IFAD), in Rome, Italy. Prior to that, he taught law at the University of Khartoum in Sudan. Dr. Salman has published extensively in the area of international and national water law. Some of his work has been translated to, and published in Arabic, Chinese, French and Russian. His most recent publications include two co-authored books: “The Human Right to Water” and “Water Resources and International Law.” He was selected as the Director of the English-speaking Section of the Centre for Studies and Research of the Hague Academy of International Law in 2001. The topic that year was “Water Resources and International Law.” He also assisted the Permanent Court of Arbitration in planning and organizing the conference on “Resolution of International Water Disputes” in 2002. He has given lectures in a number of universities and institutions, and presentations in a number of conferences, workshops and seminars. Dr. Salman obtained his LL.B. from the University of Khartoum, Sudan; and holds an LL.M. and a J.S.D. from Yale Law School, New Haven, Connecticut, USA.

Christopher Scott (USA) is a hydrologist (Ph.D and P.E.) with 20 years' experience in Asia, Latin America, and North America. He is currently Senior International Projects Manager with the U.S. National Weather Service of the National Oceanic & Atmospheric Administration (NOAA), and spent close to ten years with the International Water Management Institute (IWMI). He has worked in the private, non-governmental, academic, and governmental sectors, and is committed to strengthening linkages among these sectors. His interests range from water resources and policy, to human forcing of water scarcity and quality deterioration that lead to an emphasis on potential solutions to water sector challenges that may come from outside the water sector. IWRA must become the pre-eminent global water professional association, with direct relevance to decision-makers and water users. In order to achieve this vision, IWRA needs to serve as the platform to address current water resource management challenges (e.g., urbanization impacts on water availability and quality, environmental-agricultural water resources

tradeoffs), and to define tomorrow's global water mega-challenges (e.g., rising demand with deteriorating water quality in all sectors, coupled with human-induced climate change and resulting water resources variability). This vision needs to be put into action through rejuvenating and diversifying the IWRA membership, upgrading *Water International*, and building strategic alliances with governments, NGOs, donors, and other professional associations.

Kaoru Takara (Japan) serves as Vice Director and Professor at the Disaster Prevention Research Institute at Kyoto University. He holds a doctoral degree in engineering from Kyoto University and also completed overseas studies as Visiting Scientist in the Institute of Hydrology, Wallingford, UK; International Institute for Infrastructure, Hydraulics and Environment (IHE), Delft, The Netherlands; and Ruhr University Bochum, Bochum, Germany, and a year long stay as Visiting Scientist in the School of Civil and Environmental Engineering at Cornell University in the USA. Recently he worked as Visiting Professor at Sun Yat-sen University in Guangzhou, China and in the University College of Technology Tun Hussein Onn in Malaysia. Dr. Takara is a member of several international water associations and serves on the editorial board of *Urban Water Journal*, *Landslides - International Journal of ICL*. He authored and co-authored nine books and many papers.

Anthony Turton (South Africa) has a Doctorate in the strategic management of international rivers in Southern Africa from Pretoria University. An active member of Pugwash, a global association concerned with the responsible use of science that was founded on the manifesto by Albert Einstein and Bertrand Russell, Dr. Turton specializes in the analysis of hydro-political issues and political risk assessment at the local, national and international level. He is currently the incumbent of the GIBB-SERA Chair in Integrated Water Resource Management based at the Council for Scientific and Industrial Research (CSIR) and the University of Pretoria. Dr. Turton works professionally at the interface between science and policy-making and has a specialist interest in transboundary water issues, both surface and aquifer. He is a Research Associate for both the Overseas Development Institute (ODI) in the Rural Policy and Environment Group and the London Water Study Group, based at Kings College. He is a founding member and current President of the Universities Partnership for Transboundary Waters – a global partnership of universities all specializing in research on transboundary water issues. Dr. Turton is the editor, author and co-author of numerous papers, books and publications. He has participated in international conferences as keynote speaker and various study/working groups on strategic water resource management.