

ALBERTO J. PALOMBO

Climate, Water, Energy, Agriculture, Environment, and Innovation Expert

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Summary of Experience

With over 40 years of international experience, Alberto J. Palombo is a distinguished expert in water resources management, environmental governance, sustainable infrastructure, innovation ecosystems, and climate change adaptation and mitigation. He has led multidisciplinary teams across Latin America, the United States, Europe, and Africa, designing and managing initiatives supported by multilateral institutions such as the IDB, GEF, CAF, UNESCO, and the OAS. His expertise integrates advanced information systems (GIS, remote sensing, AI tools), institutional reform, capacity building, stakeholder engagement, and the implementation of public-private partnerships for infrastructure, climate resilience, and circular economy. He has also pioneered digital knowledge platforms and innovation communities in support of regional policy development and adaptation strategies.

38 years of experience in water, environment, energy, transportation, rural development, and infrastructure development issues, information technologies, innovation, emergency assistance, and climate change adaptation and mitigation. Demonstrated ability in preparing proposals, negotiating contracts, implementing work plans, managing interdisciplinary teams, and conducting business development in challenging and complex projects and initiatives. Career-long involvement in the development of complex information systems and knowledge integration (geographic information systems, remote sensing, large-scale data information gathering and modeling, future studies and scenario building); training and capacity building for water, sanitation, environmental management; planning and land use planning (water, environment, agriculture, energy and transportation), formulation and design of national water plans and strategies and land/climate change adaptation. Evaluation and development of regional impact ventures, feasibility studies, supervision, technical and financial structuring of public and public-private partnerships (PPPs) for implementing infrastructure (agriculture, transportation, health, energy, water and sanitation), concessions, and funding arrangements; strengthening of collaborative initiatives and networks at local, national and international levels for knowledge and experiences exchange; community/stakeholder participation processes for watershed/basin and irrigation committees, and technological innovation for entrepreneurship for sustainable development and circular economy; negotiation and conflict resolution for integrated water resources management; first-line expertise in the organization of forums and conferences related to water, sanitation, environment, agriculture, sustainable development, climate change, and adoption of innovation and disruptive technologies; promotion and implementation of digital platforms for the integration of knowledge, innovation and entrepreneurship for the new normal, and promotion of communities of practice and networks to formulate public policies for innovation, sustainability and adaptation to climate change, circular economy, transportation, and water management.

Relevant Responsibilities

Mr. Palombo is a CEO/partner in FOMENTA-X, Ltda., a business intelligence and digital marketplace platform for business development and innovation related to the water-energy-food nexus based in Brasília, with international connections with venture capital and angel investors across Latin America, United States, Asia, and Europe. Since 2015, Mr. Palombo is the Secretary of the Inter-American Water Resources Network (IWRN) that promotes collaboration for water policy making and exchange of experiences in the Americas in a multi-stakeholder facility with formal representation of the countries through the Organization of American States, regional banks, private sector, and the non-governmental organization community. He also participates as a senior director in SOTEINCA INGENIERIA, C.A., an engineering and consulting firm based in Caracas, Venezuela, with branches in Brazil, Colombia, and Peru.

From November 2004 to June 2007, Mr. Palombo was retained as a consultant by the Inter-American Development Bank (IADB) advising the Secretariat of Water Resources of the Ministry of Environment of Brazil in the Elaboration of the National Water Resources Plan (PNRH), funded by the IADB and the Government of Brazil. In that capacity, Mr. Palombo was responsible for coordinating the work performed by a team of more than 40 consultants hired by the Technical Cooperation Project, as well as to serve as a liaison between the Bank and the Secretariat of Water Resources and the National Water Resources Council of Brazil. In 2008, Mr. Palombo provided assistance as Technical Adviser to the National Water Resources Council of Ecuador, more specifically for the sector reform with emphasis on the creation of the National Water Management System, through the new Water Resources Law enacted in May 2008, that prompted the creation of the National Secretariat for Water (SENAGUA).

Major Personal Assets

- Proven ability to work in multi- and inter-disciplinary teams, goal setting, and provide / follow leadership.
- Experience in managing technical teams and providing reports to executive management.
- Broad expertise in making presentations, prepare proposals and organize conferences, workshops, and short courses on water, environment, agriculture, climate change adaptation, and digital innovation topics for specific and general audiences, clients, and stakeholders.
- Strong communications and language abilities in English, Spanish and Portuguese (entirely fluent).
- Ample cultural knowledge and sensibility, built through extensive exposure to different cultures and local issues.
- Strong skills with technological tools (informatics/communication) and their application to the work environment.
- Current network of personal and institutional contacts in the areas of environment, water resources, energy, agriculture, digital transformation, environmental funding, and infrastructure development in Latin America and the Caribbean, as well as with multi-lateral institutions and the United Nations; currently active in the largest community service organization in the world – Rotary International.

Professional Experience

2002 – present	<i>Consultant in Water, Climate, Energy, Technological Change, and Sustainable Development:</i> • Chief Executive Officer, FOMENTA-X, Ltda., Brasília, DF, Brazil (2019-present) • Managing Director – SOTEINCA Ingeniería, C.A., Caracas, Venezuela and Bogotá, Colombia (2015 - present) • <i>Technical Coordinator</i> – IBEASA – Brazilian Institute for Studies and Actions in Circular Economy, Environmental Sanitation, and Water Resources Management, Brasília, Brazil (2006 - present) • <i>External consultant for climate funds (GEF, GCF) Project and Program evaluation</i> – CAF - Regional Development Bank for Latin America (2020 – present) • <i>General Coordinator</i> – Consorcio COBA-JHER/Fondo Adaptación de Colombia, Bogotá, Colombia (2014-2018) • <i>Special Advisor – State Water and Sanitation Plan</i>, Secretariat of Cities and Infrastructure, State of Mato Grosso, Brazil (2012-2013) • <i>Representative for Latin America</i> – G.O.C., S/A - Ingeniería, Consultoría y Servicios Integrados, Vigo, Spain; Bogotá, Colombia; Lima Peru; and Brasília, Brazil (2009 - 2012) • <i>External Consultant</i> – National Water Resources Council (CNRH), Ecuador (2008) • <i>Consultant of the Inter-American Development Bank, appointed as Principal Adviser of the National Water Resources Plan of Brazil</i> – Ministry of Environment – Secretariat of Water Resources, Brazil (2004 - 2007) • <i>External Consultant</i> – Instituto Mexicano de Tecnología del Agua (IMTA), Jiutepec, Morelos, México (2006-2007) • <i>Invited Researcher</i> – Pantanal Research Center (CPP), Federal University of Mato Grosso, Cuiabá, Brazil, through the Everglades Pantanal Initiative (EPI) (2002-2005) • <i>External Consultant in Program Evaluation</i> – United Nations Education, Science and Culture Organization (UNESCO), Paris, France. (2005) • <i>Project Manager</i>, HydroEnvironment, LLC – Environment and Water Resources Consulting, Tampa, FL, USA (2003 – 2005)
2001 – 2002	<i>Regional Director for South America:</i> Water Center for the Humid Tropics in Latin America and the Caribbean (CATHALAC). Panama City, Panama, and Brasília, Brazil.
1994 – 2001	<i>Research Associate – Coordinator for Latin American and Caribbean Programs:</i> Florida Center for Environmental Studies (CES). Florida Atlantic University. Boca Raton, FL, USA.
1994	<i>Project Coordinator, Inter-American Dialogue on Water Management:</i> Organization of American States, Department of Regional Development and Environment. Washington, DC, USA.
1993 – 1994	<i>Project Manager, Inter-American Dialogue on Water Management:</i> South Florida Water Management District, West Palm Beach, FL, USA.
1992 – 1993	<i>Adviser to the Director General (Vice-Minister) of Environment:</i> Ministry of Environment and Renewable Natural Resources, Caracas, Venezuela
1989 – 1992	<i>Manager, Systems Integration Division:</i> South Florida Water Management District, West Palm Beach, FL, USA.
1987 – 1989	<i>Information Systems Engineer and Coordinator for Latin American Business Unit:</i> Science Applications International Corporation (SAIC), West Palm Beach, FL, USA.
1985 – 1987	<i>Systems Analyst:</i> Science Applications International Corporation (SAIC); Oak Ridge, TN, USA.

Education, Professional Development, and Honors

- *PhD candidate (pending thesis protocol and development)*. Universidad Nacional Autónoma de México (UNAM) and Instituto Mexicano de Tecnología del Agua (IMTA), Cuernavaca, Morelos, Mexico. Line of research: Water Resources - Smart Water Management.
- *MBA in Business Technology: AI, Data Science and Big Data (in progress)*. Pontificia Universidade Católica do Rio Grande do Sul (PUCRS), Porto Alegre, RS, Brazil, 2021.
- *Graduate Studies in Industrial and Systems Engineering*. University of Tennessee, Knoxville, Tennessee, 1987. Major: Operations Research and Information Systems.
- *Bachelor of Science in Industrial Engineering*. University of Tennessee, Knoxville, Tennessee, 1985. Major: Process Control and Information Systems.
- *Professional Training: Certificate on Innovation Design for Public Policy* (Mobiliza-DF – Fundação de Apoio à Pesquisa do Distrito Federal, Brazil, 2022); *Certification in Leadership, Learnability, and Resilience*, PUCRS (2021); *Digital Transformation*, SEBRAE (2020); *Leadership and Management in new Normal*, Rotary (2020); *Seminar on Economics of Land Degradation – GIZ/UNCCD*, Brussels (2012). *Project Management*, SFWMD (1992); *Information Systems Design using ORACLE* (1992, 1999); *ESRI/Arc-Info and Arc-GIS, Geographical Information Systems* (1994, 1999, 2005); *Groundwater Modeling using Arc-Info* (1995); *Water Quality Modeling*, University of Florida (1996); *Environmental Comparative Risk Analysis*, University of Florida (1997); *Analysis and Modeling of Urban Drainage*, ABRH-IPH/UF Rio Grande do Sul (2002); *Courses in International Business and Finance*, Florida Atlantic University (2001); *Strategic Planning, Project Monitoring and Evaluation*, Inter-American Development Bank (2002, 2004); *Model Development of using Qualitative Reasoning (QR2003)*, Technical University of Munich – University of Amsterdam – Universidade de Brasília (2003); *Workshop on Legal and Institutional Frameworks for IWRM*, UNDP/CapNet/UnB, Brasília (2004); *Workshop on Instruments for Negotiation and Conflict Resolution in Water Management*, Cap-Net/LA-WETNet/UMSS, Cochabamba, Bolivia (2005); *Course on Economic Instruments for Water Management*, Cap-Net/LA-WETNet/IMTA, Cuernavaca, Mexico (2006).

Personal Information

Place and Date of Birth:	Caracas, DF, Venezuela; 16 May 1959
Citizenship and Visa status:	Venezuelan; Permanent Resident in Brazil; Business Visitor Visa in Colombia, Mexico, Peru. Former resident of USA (currently on commuter status).
Languages Spoken:	Entirely fluent in Spanish, Portuguese, and English (functional native and advanced professional proficiency); capability to communicate and read working documents in French and Italian (limited working and professional proficiency).
Health:	Excellent, non-smoker
Personal Interests:	Rotary International, Orchid and bromeliads study and growing (collaborator with botanical gardens in Brazil and Venezuela); music; nature walks and trekking.

Scholarships and Honors

Fundación Gran Mariscal de Ayacucho scholarship recipient (Venezuelan government scholarship, full stipend, 1981-1985); Tau Beta Pi (1984); Order of the Engineer (1985); SAIC Professional Achievement Recognition in New Systems (1989); Young Professional of the Year, Inter-American Businessmen Association, Palm Beach Chapter, Florida (1990); several recognitions through the Inter-American Water Resources Network (1993-present), Paul Harris Fellow of Rotary International; Distinguished Visitor, Cities of Piura and Sullana, Peru (2011); Honored Guest, National University of Piura, Peru (2013); several recognitions in international water resources and climate change symposia.

Representative Project Involvement and Activities

- GEF FSP Project Evaluation Consultant “AICCA - Project Adaptation to the impacts of climate change on water resources in the Andes”, hired by the Regional Development Bank of Latin America (CAF).
- GEF MSP Project Evaluation Consultant “Preparing the Ground for the Implementation of the La Plata Basin Strategic Action Plan”, hired by the General Secretariat of the Organization of American States (SG/OAS) and the Regional Development Bank of Latin America (CAF).
- Development Chair of the Cerrado Digital and Cerrado Circular Regional Initiatives, representative of private sector stakeholder block (community of practice for the regional development in Central-west region of Brazil, promoted by the Ministry of Regional Development of the Federative Republic of Brazil).
- Technical evaluation of four (4) rural water supply and drainage systems in the Municipality Villa El Carmen, Nicaragua, through The Rotary Foundation of Rotary International.

- Technical coordinator for the implementation of the Cerrado Digital platform (technological platform and community of practice for the regional development in Central-west region of Brazil).
- Resource person for proposal preparation – Water Program – Water Futures and Solutions (Americas node). International Institute of Applied Systems Analysis (IIASA), Laxenburg, Austria.
- General Coordinator, Integrated Supervision of Land Reclamation (Irrigation and Drainage) designs for the irrigation districts of Barranquillita-Bajirá, Firavitova, Magará and Pamplonita. Consorcio COBA-JHER/Fondo Adaptación – República de Colombia, Colombia.
- Technical evaluation of eighteen (18) rural water supply through deep wells in the Lobito region, Benguela, Angola.
- Institutional reform of the water sector in Ecuador – Creation of the National Water Secretariat (SENAGUA).
- Organization and coordination of the Inter-American Dialogues on Water Management, for the Inter-American Water Resources Network (IWRN) and governmental country hosts (1993, 1996, 1999, 2001, 2007, 2011, 2015, 2017).
- Principal Adviser for the National Water Resources Plan of Brazil (PNRH).
- Project Supervision – Transversal del Sur, National Highways Institute (INVIAS) of Colombia and Inter-American Development Bank (IDB), Bogotá, Colombia, through G.O.C., S/A.
- Lecturer and instructor in several training workshops on sustainable water and environmental management, strategic planning, and project development (partial list attached)
- WaterReach Initiative, for the Brazilian Institute of Studies in Water Resources and Environment (IBEASA)
- Strategic Planning and Prospective Scenarios for research, innovation, and human resource development for the water sector in Mexico, Mexican Institute of Water Technology (IMTA), Mexico
- External Evaluation Consultancy for UNESCO Internal Oversight Service (2003-2005), for the Participation and Emergency Assistance Programme of UNESCO
- Design of the portal networks for the GEF Deltamerica project, for the Organization of American States and Inter-American Water Resources Network (IWRN)
- Facilitation of the Everglades Pantanal Initiative (EPI), Florida Center for Environmental Studies – Center for Pantanal Research – Federal Univ. of Mato Grosso, Brazil (partnership between USA and Pantanal countries, Brazil, Bolivia and Paraguay)
- Environmental Restoration of the Yuriria Lake Basin, State Water Commission, State of Guanajuato, Mexico, HydroEnvironment Company, LLC
- Designation of Yuriria Lake as Ramsar Convention of Wetlands site, State Water Commission, State of Guanajuato, Mexico, HydroEnvironment Company, LLC
- Integrated Geo-Referenced Assessment for the Management Plan of the Cuare Wildlife Refuge, Ministry of Environment and Renewable Resources (MARN), Venezuela; CES
- Rio Chico and Las Mercedes Paparo Environmental Restoration, Ministry of Environment and Renewable Resources (MARN), Caracas, Venezuela; CES
- Resource Person for the GEF DELTAMERICA project – Inter-American Water Resources Network (IWRN)
- Elaboration of Operations Plan - Technical Cooperation for the National Water Resources Plan of Brazil, Ministry of Environment – Inter-American Development Bank, Brasilia, Brazil
- Artificial wetlands treatment facility for the Itaipu Technological Park – Itaipu Binacional, Foz de Iguaçu, Brazil
- Brazil Water Resources Country Assessment – Perspectives and Lessons Learned, for the Inter-American Development Bank – Country Mission in Brazil.
- Sustainable Basin Management Plan for the Arcediano Reservoir, State Water Commission, State of Jalisco, Mexico, HydroEnvironment Company, LLC
- Resource Person for the Legislative Process of the National Water Resources Law of Venezuela (2001)
- Consultancies in Regionalization of policies for water information systems, Secretariat of Water Resources, Ministry of Environment of Brazil.
- Global Environment Facility (GEF) Country Portfolio Assessment in Peru and Proposal for Strategic Programmatic Planning – FAO/World Bank, Lima, Peru.
- Post-Mitch Sustainable Water Supply Project and Emergency Assistance, Department of Zacapa, Guatemala; CES
- Institutional Strengthening of the Secretariat of Water Resources of Ceará State, Brazil; World Bank/PROGERIRH/IICA
- Florida Training and Internship Program for Technical Managers of Hidrocapital, C.A., Caracas, Venezuela; CES
- Feasibility Study and Installation of Desalination Plant and Water Supply Plan for the Island Fernando de Noronha, Pernambuco, Brazil; World Bank/PROAGUA/IICA/CES
- Long-Term Urban Management Plan 2015 – Metropolitan Planning Organization, Palm Beach, Florida, USA
- Hydro-Climatic Information System Validation; South Florida Water Management District, West Palm Beach, Florida, USA
- Regional Watershed Assessment, South Monagas floodplains, Petróleos de Venezuela (PDVSA), Maturín, Venezuela
- Environmental Quality Assessment for the Cerro Negro Oil Fields, Monagas State, Venezuela; AATA International, Inc. for Mobil Oil Co., Dallas, Texas, USA
- Everglades-Pantanal Comparative Analysis, South Florida Water Management District, West Palm Beach, FL, USA

- Restructuring of the Water Sector in Venezuela – Water Information Requirements Analysis; Ministry of Environment and Renewable Resources (MARNR), Caracas, Venezuela
- Feasibility Study and Technical Assessment for a Geographical Information Systems; Directorate of Basin Management Ministry of Environment and Renewable Resources (MARN), Caracas, Venezuela
- Feasibility Study for the Rehabilitation of Water Utilities in the municipalities of South Anzoátegui State (Anaco, Cantaura, El Tigre, Pariaguán, and Soledad); HidroCaribe, C.A.; Puerto La Cruz, Venezuela
- Assessment and Implementation of GIS; South Florida Water Management District, West Palm Beach, Florida, USA
- 1790-1990 Land Title Image Storage System; Eastern Region– Bureau of Land Management (BLM), Department of Interior, Washington, DC, USA; SAIC
- Public Record System; Office of Civilian Radioactive Waste Management (OCRWM) – Department of Energy, Oak Ridge, Tennessee, USA; SAIC
- Venezuela Environmental Profile; AATA International, Inc. for Mobil Oil Co., Dallas, Texas, USA

Major Presentations, Conferences and Courses Organized, Delivered, or Facilitated

United Nations Framework Convention on Climate Change (UNFCCC) – COP meetings (2015 - present)

- COP30 – Belém, Brazil (2025) – Observer delegate and Liaison - Rotary International / ESRAG
- COP29 – Baku, Azerbaijan (2024) – Observer Delegate – Rotary International
- COP21 – Paris, France - 2020 – Observer Delegate, Inter-American Water Resources Network (IWRN)
- COP20 – Lima, Peru (2015) – Observer Delegate, Inter-American Water Resources Network (IWRN)
- COP16 – Cancún, Mexico (2010) – Observer Delegate, Inter-American Water Resources Network (IWRN)

Global Environmental Facility (GEF)

Meeting of the Council - Observer Delegate of the Civil Society (GEF-Council, Brasília, Brazil – June 2023)

GEF – Ninth International Waters Conference – Panelist on the GEF ISWEL Project (Marrakesh, Morocco, Nov 2018)

Sixth General Assembly (GEF-6, DaNang, Vietnam, 2018)

- Invited Panelist and IWRN delegate in the Civil Society Organization Forum (GEF-CSO Forum)

Fifth General Assembly (GEF-5, Cancún, Mexico, 2014)

- Invited Panelist and IWRN delegate in the Civil Society Organization Forum (GEF-CSO Forum)

GEF – Third International Waters Conference – Panelist on the GEF Deltamerica Project (Salvador, Brazil, June 2005)

Stockholm International Water Institute (SIWI) – 25th World Water Week – (Stockholm, Sweden, 2015)

- Invited Panelist – Water pricing instruments in Brazil

U.N. Conference on Sustainable Development – Rio+20 (Rio de Janeiro, Brazil, 2012)

- Official Delegate, Inter-American Water Resources Network (IWRN)
- Panelist – *Water Governance in Latin America – The road ahead (along with OAS, ALOAS and Colegio de México)*

World Water Forum (2000 –)

Second World Water Forum, The Hague, Netherlands, 2000

- Member of Organizing Committee – Day of the Americas
- Coordinated the presentation of the Everglades-Pantanal Comparison Study
- Presentation on Wetlands and IWRM – Water and Nature Session
- Participated in the regional Water Vision exercise for South America and for Central America and the Caribbean

Third World Water Forum, Kyoto-Shiga-Osaka, Japan, 2003

- Assisted in the Water Information Day Organizing Committee
- Presentation on Regional Wetlands Technical Cooperation Exchanges – The Case of Everglades and Pantanal

Fourth World Water Forum, Mexico City, Mexico, 2006

- Assisted in the organization of three sessions on national water plan development and strategies
- Featured Panelist on Water, Food and Agriculture Panel – The Way Forward, organized by FAO
- Assisted the Brazil Country Delegation in organizing presentations and country positions for Ministerial Meeting

Fifth World Water Forum, Istanbul, Turkey, 2009

- Collaborator, Regional Process in the Americas
- Invited Panelist, Water and Communication Initiative (Media21) – Water Journalists workshop

Sixth World Water Forum, Marseilles, France, 2012

- Organizer and Presenter, Regional Process in the Americas

- Panelist in special session organized by multi-lateral banks to share experiences and best practices in water and sanitation project operations design in the Americas.

Seventh World Water Forum, Daegu, South Korea, 2015

- Collaborator, Regional Process in the Americas

Eighth World Water Forum, Brasilia, Brazil 2018

- Coordinator of three (3) technical panels:
 - Infrastructure for the management and sustainable services of water resources - Session 2: Improving the resilience and sustainability of water infrastructure.
 - Ecosystems: Watershed revitalization to support water quantity and quality and human well-being - Session 3: Water security in revitalization projects. The case of Rio Doce, MG / ES, Brazil
 - Launch of the Water Futures Initiative for the Americas, with the participation of IIASA, RIRH, OEA, World Water Council, National Water Agency (Brazil), National Water Authority (Peru), and Rotary International.

First Meeting of the Ministers of Water Resources of Central America and the Caribbean (Panama, 2001)

- Ministers' Conference Secretary (under contract by CATHALAC/UNESCO and UNEP)
- Facilitator of Ministers' Declaration Working Group

Inter-American Dialogue on Water Management – Inter-American Water Resources Network (1993 –)

- Coordinator / Project Manager for the implementation of first Water Dialogue in 1993
- Consultant to the Organization of American States for creation and implementation of the IWRN
- Founder (in 1994) and Member of the Board (since 2003)
- Member of Dialogue Organizing Committees (1993, 1996, 1999, 2001, 2005, 2007, 2011)
- Several presentations, mainly on water resources information, water plan development, and public participation
- Technical Coordinator for the Sixth Dialogue (D6). held in Guatemala, in 2007
- Technical Chair of the Seventh Dialogue (D7), held in Medellin, Colombia, in 2011.
- Conference Chair – Dialogue on Water Governance and Regional Consultation on Water Security for Latin America and the Caribbean, Fortaleza, Ceará, Brazil, in 2015.

CIDIAT - Inter-American Center for Integrated Land, Water and Environment Research (Venezuela, 1993 - 1999)

- Presentations at Regional Water Management Workshop, Valparaiso, Chile, OAS Inter-American Programme, 1993 – *The Everglades Restoration and Integrated Water Resources Management*
- Lecturer on Water and Information Systems (CIDIAT/Universidad de Los Andes, 1994-1996, 1999)

Senate of Mexico – Water Resources Commission (2001-2002)

- Retained as expert consultant to provide Senators with a view on international environmental restoration efforts in the Everglades (USA), Chesapeake Bay (USA), and Lake Valencia (Venezuela) and provide input to Lake Chapala (Mexico) restoration efforts. Participated in several public hearings as keynote speaker.

Ramsar Convention on Wetlands (1999 –2011)

- Observer Participant during COP7, San José, Costa Rica, 1999
- IGO Participant during COP8, representing the Everglades-Pantanal Initiative, Valencia, Spain, 2002
- COP Contact Group Member: Agriculture, Climate Change, and Regional Strategy-South America
- Speaker – Water management and wetlands, Ramsar Convention Regional Meeting, Huatulco, Mexico, 2011.

NSF / CATHALAC / IAI / University of Miami - International Summer Institute (Miami, USA, 2001)

- Coordinator of Special Project Short Course – *South American Pantanal, Everglades, and Water Management*; with Dr. P. Girard (Course coordinators: Dr. E. Vlachos, Dr. J. Gladwell)

U.S. Department of State / Everglades Pantanal Initiative (2002)

- Coordinated/facilitated technical visit of 10 officials from Bolivia, Brazil, and Paraguay to U.S.A.
- Short course on *IWRM and Wetlands*, with Florida Center for Environmental Studies

Water Information Summits (Florida 1998-2000, Panamá 2001, Netherlands 2002, Mexico 2004, Brasilia 2006, USA 2008);

- Several presentations, mainly on information sharing, collaborative networks, and public participation
- Chair, Facilitator and/or Rapporteur in several WIS sessions
- Organized WIS-7 in Guanajuato, Mexico (2004), WIS-8 in Brasilia, Brazil (2006)

Annual Conference on Water Management in Florida (1990 – 1996)

- Facilitator / Rapporteur in several sessions; Member of the Organizing Committee (1991-1996)

- Several presentations dealing with water management information systems (GIS, SCADA)

U.N. Conference on Environment and Development (Rio de Janeiro, Brazil, 1992)

- Adviser on Water Resources to the Chief of the Venezuelan Delegation
- Contributed with Country paper – *Environment, water and land management in Venezuela*

Other Relevant Presentations and Lectures: *Masterclass: “Water management in the New Normal: Lessons learned and future scenarios”*, XXXVII AIDIS Inter-American Sanitary and Environmental Engineering Congress, Argentina (2021); Keynote Speaker, *Digital transformation in Smart Water Management*, IRAGER (Piura, Peru, 2020); Speaker, Conference for the Water Pact (Mexico City, 2019); Panelist, GEF CSO Network meeting at the GEF -5 and GEF-6 Assemblies (Vietnam, 2018, Mexico, 2014); Panelist, 9th GEF Biennial International Waters Conference (Morocco, 2018); Main Speaker, 10th Forum on Sustainable Development and Climate Change, Unión Nacional de Arquitectos e Ingenieros (Mexico City, 2014); Keynote Speaker, Regional Water Management Institute International Seminar (IRAGER, Piura, Peru, 2020, 2011); Instructor - Course in Economics and Legal Instruments for Water Management; National Water Institute (INA-CELA, 2009), Mendoza, Argentina. Short course on Project Analysis and Preparation, Ministry of Foreign Relations, Venezuela (2005); Latin American Congress on Civil Engineering – Universidad Católica Andrés Bello, Caracas (2000, 2004, 2009); Simpósio da Associação Brasileira de Recursos Hídricos – ABRH (Various, 1999-2012); Jornadas sobre Manejo de Humedales, Global Nature Foundation, Toledo, Spain (2002); Pantanal Strategic Plan for Ecosystem Planning and Conservation (The Nature Conservancy, 2002); Lectures on artificial wetlands and wetlands restoration, ExpoAgua – Comisión del Agua del Estado de Guanajuato, México (2003, 2004, 2006); Address as keynote speaker in the Fourth Forum on Sustainable Development in Mexico (Instituto Politécnico Nacional, México, 2006).

Computer and Information Systems Knowledge

Proficient in several computing operating environments (workstation and cloud computing). Advanced use of Microsoft Office suite of products (Access, Excel, Outlook, PowerPoint, Visio, and Word), Microsoft Project, relational databases (ORACLE, Dbase, Informix, ADABAS), geographical information systems (ArcGIS, IDRISI, MapInfo, ERDAS), and statistical analysis packages (SAS, Statgraphics). Basic programming ability in C++, Java, Javascript, Python, PERL, and webpage design using HTML/XML, PHP, MySQL, Bootstrap, and Wordpress. Proficient in the use of artificial intelligence generating systems, like ChatGPT, Google Bard, Claude, PyTorch, ChatSonic, Canva AI.

Professional and Community Service Affiliations

Inter-American Water Resources Network (Founder and Board Member, currently serving as Secretary until 2022); GEF Civil Society Organization (CSO) Network (Stakeholder representation for Brazil and water management); Brazilian Water Resources Association (ABRH); American Water Resources Association (AWRA); Water Environment Federation (WEF); WaterWeb Consortium; Rotary International (Charter Member of Rotary Club Brasília International, Honorary Member of Rotary Club Bogota Multicentro, Technica Coordinator of the Cadre of Technical Advisers of The Rotary Foundation; Rotaract for Peace World Conference; sponsor of Rotaract Club of Brasilia International Online (Rotaract BIO).

Professional References – Previous Assignments

William Ernest Ehlers

Country Relations Coordinator / Secretary to the Council
Global Environment Facility (GEF)
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Dann Sklarew, PhD

Professor of Applied Ecology and Sustainability Science at George Mason University
Former Project Director, IW:LEARN (through UNOPS, 2000-2008)
E-mail: dsklarew@gmu.edu
Phone: +1 (703) 993-2012

William Cosgrove, Doctor Honoris Causa

Former Vice President of the World Bank, Past-President of the World Water Council, Chairman of the International Steering Committee of the Dialogue on Water and Climate, Co-Author of several United Nations World Water Development Report, Board Member of the Inter-American Water Resources Network (IWRN)
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Andres Sanchez, MS

Senior Water Resources Management Specialist
Organization of American States (OAS)
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Washington, DC 20006 - USA
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Ricardo Sandoval Minero, MS

Former Executive Secretary, State Water Commission of Guanajuato, Mexico
Water and sanitation Consultant – Inter-American Development Bank
E-Mail: rsan@iadb.org

Leonard Berry, PhD

Eminent Scholar and Director, Florida Center for Environmental Studies
Florida Atlantic University – Davie Campus
Davie, Florida 33317 - USA
E-Mail: lberry1930@gmail.com, leonardberry@coastalriskconsulting.com

Adalberto Gabaldón Azuaje, DE

Former Minister of Environment
Ministry of Environment and Renewable Natural Resources, Venezuela
Colinas de Santa Monica – Ramal 2 – Qta. Mi Retiro - Caracas, Venezuela
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Colleague References

Oscar Cordeiro Neto, PhD	Former Director and Member of the Board National Water Agency (ANA) of Brazil Brasilia, DF - Brazil E-Mail: demoraesnetto@gmail.com
Axel Dourojeanni, MS	Water Management Consultant in Fundación Chile – Former Director of Natural Resources Management, UN-ECLAC, Santiago, Chile E-Mail: axeldouro@hotmail.com
Paola Gordon Luna, MS	Consultant on water and sanitation Inter-American Development Bank Mexico City, Mexico E-mail: paolapa@iadb.org
Eiman Karar, PhD	Advisor to the Minister of Irrigation and Water Resources Member of the Programme Scientific Committee for the World Water Week (SIWI) Khartoum, Sudan E-mail: eimankarar3@gmail.com
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