



WIS 16

XVI Water Information Summit *Cybersecurity for Water Security*

December 8-9, 2021

EVENT AGENDA



Day 1	DECEMBER 8, 2021
09H00-9H30	<p>INAUGURAL SESSION</p> <p><i>Moderator: Maria del Pilar Cornejo de Grunauer, Director CIP-RRD, ESPOL, Ecuador</i></p> <p>Welcoming Remarks: Basil Fernandez – WWCo President, Jamaica</p> <p>History of the WWCo: Mantha Mehallis – WIS Founder, USA</p> <p>Objectives of WIS 16: Todd Crowl – Advisory Board of the UNESCO Chair on Sustainable Water Security and Director of the Institute of Environment at FIU, USA</p> <p>Opening Statements by International WIS-16 Partner Organizers:</p> <p>Andres Sanchez, Sustainable Development Specialist, Organization of American States (OAS)</p> <p>Miguel Doria, Regional Hydrologist for Latin America and the Caribbean, UNESCO-IHP-LAC</p>

9H30-10H30	<p>KEYNOTE SESSION</p> <p><i>Moderator: Maria C. Donoso, WIS-16 Organizing Committee Chair, USA</i></p> <p>KEYNOTE 1: Cybersecurity, an Integral Part of Water Security? Cristian Torres Bermeo, Director General, National Service for Risk and Emergency Management, Ecuador</p> <p>KEYNOTE 2: Present Situation and Trends Alan Wisner, Chief Information Security Officer, US Geological Service, USA</p> <p><i>Rapporteur: Francisco Pena, Associate Researcher Florida International University and University of Perugia</i></p>
10H30-10h45	BREAK (<i>short video</i>)
10h45-11H45	<p>SESSION 1: Cybersecurity Policies/Legislation in the Water Sector</p> <p><i>Speaker: Kenneth Pugh, Senator, Republic of Chile</i></p> <p><i>Moderator: Cristina Rodriguez-Acosta, Jack Gordon Institute for Public Policy, SIPA, FIU, USA</i></p> <p><i>Panelists:</i> - Akintunde Owoyina, Chief, Hydrology & Hydraulics Bureau, South Florida Water Management District, USA - Ariel Nowersztern, Cybersecurity specialist , Inter-American Development Bank, USA - Alejandra Pineda Villegas, CEO Business Technology & Consulting, member of WOMCY-LATAM, Mexico</p> <p><i>Rapporteur: Valeria Perez, Water Management and Public Administration Professional, Member of the Board of FUNSINCOA</i></p>
11h45-12h45	<p>SESSION 2: Water Information Systems: Data Quality and Security</p> <p><i>Speaker: Michael Chertoff, former Secretary of Homeland Security, Co-Founder & Executive Chairman, The Chertoff Group, USA</i></p> <p><i>Moderator: Nick Aumen, Regional Science Advisor for the Southeast Region of the US Geological Survey , USA</i></p> <p><i>Panelists:</i> - Adrian Cashman, CEO, AKWATIX: Water Resources Management, Barbados - Felipe Cisneros, Director of the Program for Water and Soil, University of Cuenca, Ecuador - Patricia Aquino, Caribbean Water and Environmental Specialist, Trinidad and Tobago</p>

	<i>Rapporteur: Amartya Saha, Ecohydrologist and Instrumentation Specialist, Achbold Biological Station, USA</i>
12H45-13H00	<i>Special Presentation</i> Parris Lyew-Ayee Jr. , Mona Geo-Informatics Institute, University of West Indies, Jamaica
Day 2	DECEMBER 9, 2021
09H00-10H00	<p>SESSION 3: Monitoring and Expanding Diverse Participation in Cybersecurity in the Water Sector</p> <p><i>Speaker:</i> Gema Landaverde, Red Team and Threat Intelligence Senior Manager – FICO, Representative of WOMCY- LATAM, Mexico</p> <p><i>Moderator:</i> Suzanna Rose, Founding Associate Provost, Office to Advance Women, Equity & Diversity FIU, USA</p> <p><i>Panelists:</i> - Fernando Nardi, Director WARREDOC, Università per Stranieri di Perugia, Italy - Kay Goss, Former FEMA Associate Director, University of Nevada at Las Vegas & Metropolitan College of New York, USA - Silvia Rafaelli, Instituto Nacional del Agua, Subgerencia Centro Regional Litoral, Argentina</p> <p><i>Rapporteur:</i> Maria F. Pulido, Associate Researcher, UNESCO Chair on Sustainable Water Security, Colombia</p>
10h00-11h00	<p>SESSION 4: Water Security in the Era of Covid-19: Providing Secure Information Systems</p> <p><i>Speaker:</i> Fernando Mendez, Associate Professor, Universidad de Cantabria, Spain</p> <p><i>Moderator:</i> Zelmira May, Program Specialist for Education, Regional Office of Sciences for Latin America and the Caribbean, UNESCO, Uruguay</p> <p><i>Panelists:</i> - Glaister Cunningham, Vice President, Investment and Performance Monitoring, National Water Commission, Jamaica - Roberto Parra Saldivar, Profesor Investigador, Centro de Biotecnología – FEMSA, Tecnológico de Monterrey. México - Himanshu Upadhyay, Principal Scientist in Cybersecurity and Artificial Intelligence, Applied Research Center, FIU, USA</p> <p><i>Rapporteur:</i> Serena Hoermann - Assistant Director, Center for Urban and Environmental Solutions (CUES), FAU</p>

11h00-11h15	BREAK
11H15-12H15	<p>SESSION 5 : Educational Profile of the Water Professionals of the Future</p> <p><i>Speaker:</i> - Fernando González Villarreal, Regional Center on Water Security under the auspices of UNESCO, Mexico</p> <p><i>Moderator:</i> Adrian Cashman CEO, AKWATIX: Water Resources Management, Barbados</p> <p><i>Panelists:</i> - Luis Dominguez Granda, Director of the Water and Sustainable Development Center, ESPOL, Ecuador - Alex Crowther, Department of Criminal Justice, Gordon Institute, FIU, USA - Carlos Leonardo, Director Nacional de Respuesta a Incidentes Cibernéticos (CSIRT-RD). Centro Nacional de Ciberseguridad, Dominican Republic</p> <p><i>Rapporteur:</i> Soledad Benitez, Programme Associate UNESCO IHP-LAC, Uruguay</p>
12H15-13H00	<p>CLOSING SESSION: Integrating Cybersecurity to Water Security</p> <p><i>Speaker:</i> Alfonso Gutierrez, Regional Coordinator for the UNESCO International Flood Initiative, Mexico</p> <p><i>Moderator:</i> Max Campos, Former Water Senior Specialist and Division Chief on Integrated Water Resources Management, Organization of American States (OAS), Costa Rica</p> <p><i>Panelists:</i> - Roberto Olivares, President of the Latin America Network of Water Basin Organisms (LANBO), Mexico - Leonardo Alfonso, Associate Professor, IHE Delft, The Netherlands</p> <p><i>Rapporteur:</i> Gabriela Castrellon – Researcher, Universidad Tecnologica de Panama – CIHH, Panama</p> <p>FINAL REMARKS</p> <p>Summary of event: Leonard Berry Emeritus Professor of Geosciences, Florida Atlantic University, USA</p> <p>Path forward: Maria Concepcion Donoso, WIS-16 Organizing Committee Chair, Panama</p> <p>Closing Remarks: Basil Fernandez, President, Water Web Consortium, Jamaica</p>