



United Nations
Educational, Scientific and
Cultural Organization



UNESCO Chair on
Sustainable Water Security,
Florida International University,
Miami, FL, USA



Technical Webinar

“Cybersecurity for Water Security in the COVID-19 Era”

October 21, 2020, 10:00am to 12:30pm

AGENDA

- Opening**
10:00 – 10:15
- Moderator: Dr. Maria Donoso, UNESCO Chair on Sustainable Water Security, FIU
- Speakers:
- Dr. Cecilia Paredes**, Rectora, Escuela Superior Politecnica del Litoral
Dr. Miguel Doria, Representative of UNESCO's Division of Water Sciences for Latin America and the Caribbean
Dr. Todd Crowl, Executive Director Institute of Water and Environment
- Session 1**
Moderator: Dr. Fernando Nardi, Director, Water Resources Research and Documentation Centre – WARREDOC (Italy)
- 10:15 – 10:30 **Cybersecurity for Water in the Era of Artificial Intelligence**
Dr. Himanshu Upadhyay, Principal Scientist on Artificial Intelligence and Cybersecurity, Applied Research Center, FIU (USA)
- 10:30 – 10:45 **Cybersecurity for Water Utilities Operations – Europe**
Dr. Rita Ugarelli, Chief Scientist Water and Environment, SINTEF Community (Norway)
- 10:45 – 11:00 **Cybersecurity in Pandemic Times - Challenges and Actions, Itaipu Binational**
Eng. Jacson Querubin, System Administrator and IT Security Program, and Eng. Guido M. Benitez C, Senior Analyst and IT Security Program Leader (Brazil, Paraguay)
- 11:00 – 11:15 **Safeguarding Information for Forecasting Hydrological Extremes**
Dr. Luis Dominguez, Director of the Center for Water and Sustainable Development, and Dr. Mijail Arias, Professor, ESPOL (Ecuador)
- 11:15 – 11:30 **OAS and Cybersecurity in the Americas**
Ms. Mariana Cardona, Program Officer, Inter-American Committee against Terrorism (CICTE-OAS), Organization of American States.



- 11:30 – 11:45 **Bridging the Gap for Women in Cybersecurity**
Ms. Charlie Coulange, US Leader WOMCY Talks, LATAM Women in Cybersecurity (Latin America and Caribbean)
- 11:45 – 12:00 **Smart Cities and Cybersecurity: the need for capacity building**
Dr. Cristina A. Rodriguez-Acosta, Assistant Director, Jack D. Gordon Institute for Public Policy, FIU (USA)
- Session 2** Moderator: Dr. Pilar Cornejo, Dean of the Faculty of Maritime Engineering and Marine Sciences, ESPOL (Ecuador)
- 12:00 – 12:20 Questions and Answers
- 12:20 – 12:30 **Concluding Remarks:** Dr. Maria Donoso, UNESCO Chair on Sustainable Water Security, FIU

Logistics:

- The event will take place in the form of an on-line ZOOM meeting.
- The time of the event will be as follows:
 - Miami and Caribbean: 10:00am to 12:30pm (EST)
 - Hungary, France, Norway, and Italy: 4:00pm to 6:30pm (GMT+2)
 - Uruguay and Argentina: 11:00am to 01:30pm (GMT-3)
 - Mexico and Ecuador: 9:00am to 11:30am (CDT)
 - Korea and Japan: 11:00pm to 1:30am (GMT+9)