

“Water, Sustainability & Climate Change: The use and misuse of water resources”

Monday, May 2nd, 2016 | 8:30 a.m. - 10:30 a.m.

Bank of America conference room (7th floor), 701 Brickell Avenue, Miami FL 33131

WORKSHOP PARTICIPANTS: BIOGRAPHICAL NOTES

Moderator:



Todd Crowl, PhD

Professor & Founding Director, Institute of Water and Environment Director, Southeast Environmental Research Center; Co-Founder, Sea Level Solutions Center, Florida International University

Ph.D. 1985-1989. University of Oklahoma, Ecology. M.A. 1985-1988. University of Oklahoma, Statistics. M.S. 1982-1984. University of Oklahoma, Zoology. B.S. 1978-1982. Ohio State University, Zoology B.A. 1978-1982. Ohio State University, Philosophy
Crowl received his BS in Biology at Ohio State University and his MS and PhD in Zoology at the University of Oklahoma. He was a post-doctoral fellow at Otago University before taking a faculty position at Utah State University.

Crowl’s research interests include aquatic ecology, predator-prey interactions, food web ecology and most recently, urban stream ecology.

Crowl is joining FIU, after being a Professor of Quantitative Ecology at Utah State for the past 26 years and will be a Professor in the Department of Biology as well as the Director of the Southeast Environmental Research Center, and the Institute of Water and Environment.

Panelists:



Fernando Nardi, PhD

Water Resources Research and Documentation Center (WARREDOC) Director International University "Stranieri" of Perugia, Italy
Horizon 2020 SC5 (Climate Action) Italian delegation expert

Fernando Nardi, hydraulic engineer with a PhD in hydrology from Sapienza University of Rome, is assistant professor at the University for Foreigners of Perugia (Italy) since 2012 in affiliation with the Water Resource Research and Documentation Center (WARREDOC, as Director since 2016) and with the UNESCO Chair Water Resources Management and Culture (as executive secretary since 2013). Prof. Nardi’s appointments and institutional duties are mainly related to the water and environment sectors with specific regard to applied research, international exchange and research project and the link of academic and industry programs for R&D. He is deputy Rector for Technology Transfer and Spinoffs and since 2014 he was nominated expert of the Italian configuration for the Horizon 2020 Societal challenge n.5 Climate Action, Resource Efficiency and Raw Materials.



Hon. Nathalie Olijslager

Consul General of the Kingdom of the Netherlands in Miami

Nathalie Olijslager started her career in the Dutch Ministry of Foreign Affairs at the Department for European and Economic Cooperation after receiving her MA in International Economic Relations from Leiden University. She also attended Beloit College in Wisconsin as a one-year Fulbright scholar. After headquarters she headed to Pretoria, South Africa as Deputy Head of the Economic Section, where she was involved in the 2002 World Summit on Sustainable Development in Johannesburg. In 2003 her next assignment took her to the Dutch Embassy in Budapest, Hungary, where she was appointed Head of the Economic Section. Both countries in transition.

From 2007-2010, Nathalie was employed at the Ministry of Economic Affairs and was the account manager for multinationals like Unilever, Heineken and Akzo Nobel for their global and sustainability strategies. Before being appointed Consul General of the Kingdom of the Netherlands in Miami, she was part of the management team of the Department for Sustainable Economic Development at headquarters. Emerging markets and sustainability for future generations are her passion.



Michael Sukop, PhD, PG, CHg

Professor, Florida International University

[Florida Climate Institute](#) Executive Board Member and liaison to [Southeast Florida Regional Climate Change Compact](#)

Lead Principal Investigator [South Florida Water, Sustainability, and Climate Project](#)

Michael Sukop is professor at Florida International University, where he has taught and conducted research since 2003. He is a licensed professional geologist and certified hydrogeologist and earned his PhD in soil science. Professor Sukop is the lead Principal Investigator of the National Science Foundation/National Institute of Food and Agriculture-supported South Florida Water, Sustainability, and Climate Project. He is the director of engagement for the National Science Foundation Sustainability Research Networks program Urban Water Innovation Networks (UWIN) project, which is addressing urban water challenges throughout the United States. Professor Sukop is an Executive Board Member of the Florida Climate Institute consortium of Florida Universities and serves as its liaison to the Southeast Florida Regional Climate Change Compact, which is the organization of four counties leading sea level and climate adaptation efforts in South Florida. In that capacity, he works to bring Florida research expertise to bear on South Florida challenges. He is the author of two books on Lattice Boltzmann modeling and has technical expertise in groundwater modeling especially as it applies to seawater intrusion and the physics of the Biscayne Aquifer. Together with a former student and post-doctoral associate and United States Geological Survey collaborators, he co-authored Version 4 of the popular SEAWAT model for seawater intrusion.



Douglas Yoder

Deputy Director of Miami-Dade’s Water and Sewer Department
Miami-Dade County

Douglas Yoder is Deputy Director of Miami-Dade’s Water and Sewer Department, the largest utility in the state of Florida and one of the 10 largest utilities in the United States. Prior to moving to the Water and Sewer Department, he worked for more than 30 years with the County’s Environmental Resources Management Department with responsibilities for oversight of utility operations, water resource management, and water quality protection.

He has served two terms on the National Drinking Water Advisory Council, served on the Climate Ready Utilities Working Group, is past chair of the association of Florida Local Environmental Resource Agencies, past president of the South Florida Chapter of the American Society for Public Administration, and past chair of the Sustainability Council of the Public Technology Institute.

He currently serves on the Water Resources Advisory Council, advising the South Florida Water Management District on Everglades restoration and other water management issues and serves on the Water Research Foundation’s Tailored Collaboration Review Committee. He holds a bachelor’s degree in government from Cornell University and master’s and doctoral degrees in public administration from Nova Southeastern University and has lived in south Florida for more than 40 years.