

NYUAD-WRC Regional Workshop

“Water Research & Development: Pathways toward Environmental Sustainability”

March 24, 2022

To Register: https://nyu.zoom.us/webinar/register/WN_upwBoVTKRV2k0GPil9DCwg

TIME	PROGRAMME	PRESENTER
12:00 - 12:10	Opening Remarks & Programme Overview	
12:10 - 12:40	"Enhancing growth of mangrove seedlings in the environmentally extreme Arabian Gulf using treated sewage sludge"	Dr. Paul Erftemeijer, The UWA Oceans Institute and School of Biological Sciences, University of Western Australia, Perth - Australia
12:40 - 12:50	Q&A	
12:50 - 1:20	"Functionalized electro-spun membranes for environmental applications"	Dr. Rana Bilbeisi, Assistant Professor of Civil and Environmental Engineering, American University of Beirut, Lebanon
1:20 - 1:30	Q&A	
1:30 - 1:45	BREAK (15 min)	
1:45 - 2:15	"Tunable covalent organic frameworks/membranes for water remediation"	Dr. Dinesh Shetty, Assistant Professor of Chemistry, Khalifah University, UAE
2:15 - 2:25	Q&A	
2:25 - 2:55	"Structural Defect control in Metal Organic Framework Crystals for Contaminants Removal from Water"	Dr. Mohamad Hmadeh, Associate Professor of Chemistry, American University of Beirut, Lebanon
2:55 - 3:05	Q&A	
3:05 - 3:20	BREAK (15 min)	
3:20 - 3:40	"3D printing in water treatment and purification"	Dr. Abdullah Khalil, Researcher, Water Research Center, New York University Abu Dhabi, UAE
3:40 - 4:00	"Direct surface heating for low energy membrane distillation"	Dr. Farah Ahmed, Researcher, Water Research Center, New York University Abu Dhabi, UAE
4:00 - 4:20	"Membrane Distillation: A Sustainable and Renewable Energy Driven Water Reclamation Process"	Dr. Lijo Francis, Researcher, Water Research Center, New York University Abu Dhabi, UAE
4:20 - 4:45	Q&A	
4:45 - 5:00	BREAK (15 min)	
5:00 - 5:30	"Water - The Global Challenge and Everybody's Business: Social and Technological Perspective"	Dr. Iqbal Mujtaba, Chair in Computational Process Engineering, Associate Dean, Faculty of Engineering & Informatics, Bradford University, UK
5:30 - 5:40	Q&A	
5:40 - 6:10	"Water environmental problems : Challenges and sustainable solutions"	Dr. Jalal Hawari, Department of Civil, Geological and Mining Engineering, Université de Montréal-Ecole Polytechnique, Canada
6:10 - 6:20	Q&A	
6:20 - 6:30	Closing Remarks	