INVITED PARTICIPANTS

Farrukh Ahmad  
Assistant Professor  
Water & Environmental Engineering  
Masdar Institute  
United Arab Emirates  
*Research interest:* Water & Environmental Engineering

Maher Al-dabbas  
Assistant Professor  
Dept. of Nutrition and Food technology  
Faculty of Agriculture- University of Jordan  
Jordan  
*Research Interest:* Bioactive compounds from plants

Samia Akroush  
Director of Socioeconomic Studies Directorate  
National Center for Agricultural Research and Extension (NCARE)  
Jordan  
*Research interest:* Agricultural Socioeconomics

Mohammad Noor Alhamad  
Assistant Professor  
Jordan University of Science and Technology  
Jordan  
*Research interest:* Natural Resources Ecology and Monitoring

Bassam Alameddine  
Assistant Professor of Chemistry  
Department of Mathematics and Natural Sciences  
Gulf University for Science & Technology (GUST)  
Kuwait  
*Research interest:* Organic Materials for optoelectronics and Energy Storage

Nezar Al-hebshi  
Assistant professor  
Head of Molecular Research Lab  
Faculty of Medical Sciences - Dentistry  
University of Science and Technology  
Yemen  
*Research interest:* Oral Microbiology

Fahad Alasfar  
Assistant Professor  
Faculty of Medicine, Department of Surgery  
Kuwait University  
Kuwait  
*Research interest:* Bariatric and Metabolic Surgery

Nisreen AL-Hmoud  
Head of the Environmental Laboratories Division and the Biosafety Unit  
Royal Scientific Society (RSS)  
Jordan

Khaled Al-Banaa  
Associate Research Scientist  
Coastal Engineering Program  
Kuwait Institute for Scientific Research  
Kuwait

Imad-eldin A Ali Babiker  
Associate Professor  
Soil-Water Management/Climate Change Adaptation  
Dry Lands Section, Forestry Research Center Agricultural Research Corporation (ARC)  
Sudan

Suzanne Ahmed Al-Bustan  
Department of Biological Sciences, Faculty of Science  
Kuwait University  
Kuwait

Hanan AL-Khalifa  
Senior Research Associate  
Kuwait Institute for Scientific Research  
Kuwait
Mohamed Al-Lawati
Associate Professor of Mathematics &
Head of Department of Mathematics &
Statistics (DOMAS)
College of Science, Sultan Qaboos University
Oman
Research interest: Computational Mathematics

Salah Shakir Hashim Al-luaibi
Professor
Chemistry Department
College of Science
Basrah University
Iraq
Research interest: Polymer chemistry

Habibah Almenaie
Research Scientist
Aridland Agriculture Department
Kuwait Institute for Scientific Research
Kuwait

Yaseen Al-Mulla
Assistant Professor
Sultan Qaboos University
Oman
Research interest: Soil and Water Engineering

Fajhan Almutairi
Petroleum Production Department
Petroleum Research and Studies Center
Kuwait Institute for Scientific Research
Kuwait
Research interest: Intelligent Oilfield Development

Ebaa Al-Ozairi
Assistant Professor
Diabetes and Endocrinology
Kuwait University
Kuwait

Nisreen A. Al-Quraan
Assistant Professor in Plant Biochemistry and
Molecular Biology
Department of Biotechnology and Genetic Engineering,
Faculty of science and arts

Jordan University of Science and Technology
Jordan
Research interest: Plant Biochemistry and Molecular Biology

Moh’d K. Al-Rifaeel
Biodiversity Department
National Center for Agricultural Research & Extension (NCARE)
Jordan
Research interest: Domestication & Exotic introduction of Plants for Marginal Areas

Ahmad Al-Salman
Associate Professor of Mathematics
Department of Mathematics and Statistics
Sultan Qaboos University
Sultanate of Oman

Ziyad Al-Sharawi
Assistant Professor of Mathematics
Sultan Qaboos University
Sultanate of Oman
Research interest: Discrete Dynamical Systems

Aram Amassian
Assistant Professor
Materials Science and Engineering
Physical Sciences and Engineering Division
King Abdullah University of Science and Technology (KAUST)
Saudi Arabia
Research interest: Organic Electronics and Photovoltaics

Aouatif Amine
ENSA
Morocco
Research interest: Pattern Recognition

Oula Amrouni
Marine Sedimentologist
Laboratory of Marine Environment
INSTM (National Institute of Sciences and Marines Technologies),
Tunisia
Research interest: Marine sedimentology
Hany Anany
Microbiology Department
Faculty of Science
Ain Shams University
Egypt
*Research interest:* Phage biology and application

Husam Arman
Head of IE Department
Coordinator of Master Engineering Management Program
An-Najah National University
Palestine

Marianne Azer
Assistant Professor
School of Communications and Information Technology
Nile University
Egypt

Mahad Baawain
Assistant Professor
Environmental Engineering
Department of Civil & Architectural Engineering
Sultan Qaboos University
Sultanate of Oman
*Research interest:* Environmental Engineering

Scott Baker
Staff Scientist
Pacific Northwest National Laboratory
USA
*Research interest:* Renewable Energy

Mirvat Ballout
Associate Professor
Lebanese University
Biology Department
Lebanon
*Research Interest:* Biology

Randy A. Bartels
Monfort Professor
Department of Electrical and Computer Engineering,
Department of Chemistry, and School of
Biomedical Engineering
Colorado State University
USA
*Research interest:* Optical Microscopy and Laser Development

Hesham Bekhit
Associate Professor
Irrigation and Hydraulic Department
Faculty of Engineering
Cairo University
Egypt
*Research interest:* Subsurface hydrology

Mohammed Bellaoui
Associate Professor
Faculté de Médecine et de Pharmacie d’Oujda
Université Mohammed Premier
Morocco

Yousef Bentoutou
Research Director
Centre for Space Technology
Algerian Space Agency
Algeria

Mehdi Bourouba
University of Sciences and technology
Algeria
*Research interest:* Tumor biology

Amy E. Childress
Professor and Chair
University of Nevada, Reno
Department of Civil and Environmental Engineering
USA
*Research interest:* Water Treatment, Desalination, and Water Reclamation

Khalid Daoui
Master of Research
National Institute of Agronomic Research
Morocco

Mohamed A. Dawoud
Manager
Water Resources Department
Environment Agency-Abu Dhabi
UAE
Research interest: Water Resources

Diva D. De León
Assistant Professor of Pediatrics
The Children’s Hospital of Philadelphia
Perelman School of Medicine at the University of Pennsylvania
USA
Research interest: Disorders of Carbohydrate Metabolism

Rula Deeb
Technical Director – Outreach
ARCADIS U.S., Inc.
USA
Research interest: Water Quality/Water Resources

Nadjib Drouiche
Head of Environmental Team
Unite de Developpemnt de la Technologie du Silicium
Algeria
Research interest: Environment and water treatment

Xiangfeng Duan
Assistant Professor
University of California
USA
Research interest: Nanoscience

Sherien Elagroudy
Assistant Professor of Environmental Engineering
Faculty of Engineering
Ain Shams University
Egypt
Research interest: Renewable energy

Mutasem El-Fadel
Professor and Dar Chair in Engineering
American University of Beirut
Beirut
Lebanon

Jauad El Kharraz
Information Responsible of the EMWIS Technical Unit,
EMWIS T.U.
France

Waiss Elmi Rayaleh
Maître de Conférences en Chimie à la Faculté des Sciences
Université de Djibouti
Djibouti

Magdy Elnashar
Centre of Excellence
Laboratory of Advanced Materials & Nanotechnology
National Research Centre
Egypt
Research interest: Antibiotics

Alaa El-Sadek
Associate Professor
Regional Water Center for the Arab States Water Resources Management Program
College of Graduate Studies
Arabian Gulf University
Kingdom of Bahrain
Research interest: Water Resources Engineering

Marmar El-Siddig
Department of Botany
Faculty of Science
University of Khartoum
Sudan

Tarek El-Tayeb
Associate Professor
National Institute of Laser Enhanced Sciences
Cairo University
Egypt
Research interest: Photobiology

Hoda Eltomi
Manet Community Health Center
USA
Research interest: Family Medicine
<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Position</th>
<th>Institution</th>
<th>Research Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mahieddine Emziane</td>
<td>Associate Professor - Solar Energy Materials &amp; Devices Laboratory</td>
<td>Masdar Institute of Science and Technology, Abu Dhabi, UAE</td>
<td>Solar Energy</td>
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<tr>
<td>Amato Evan</td>
<td>Assistant Professor</td>
<td>University of Virginia, Department of Environmental Sciences, USA</td>
<td>Atmospheric Science</td>
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<tr>
<td>Antonio Facchetti</td>
<td>Professor</td>
<td>Northwestern University, Department of Chemistry, USA</td>
<td>Materials Chemistry, Printed Electronics</td>
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<tr>
<td>Donna E. Fennell</td>
<td>Associate Professor</td>
<td>Rutgers University, Department of Environmental Sciences, USA</td>
<td>Water/Renewable Energy: Bioenergy, Bioremediation and Bioaerosols</td>
</tr>
<tr>
<td>David R. Gang</td>
<td>Associate Professor and Fellow</td>
<td>Institute of Biological Chemistry, Washington State University, USA</td>
<td>Biological Oceanography and Marine Biotechnology</td>
</tr>
<tr>
<td>Fawaz G. Haj</td>
<td>Associate Professor</td>
<td>University of California, Department of Nutrition, USA</td>
<td>Physiology and metabolic diseases</td>
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<tr>
<td>Maha Halalsheh</td>
<td>Water, Energy and Environment Center</td>
<td>University of Jordan, Jordan</td>
<td>Diagnostics</td>
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<tr>
<td>Hesham Hamoda</td>
<td>Attending Psychiatrist</td>
<td>Children’s Hospital Boston, Harvard Medical School, USA</td>
<td>Child mental health and Public Health</td>
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<tr>
<td>Essam Heggy</td>
<td>Lead Scientist/Principle Investigator</td>
<td>NASA Jet Propulsion Laboratory, USA</td>
<td>Hydropolitics, Security and International Law</td>
</tr>
<tr>
<td>Isam Janajreh</td>
<td>Associate Professor</td>
<td>Masdar Institute, UAE</td>
<td>Molecular Neuroscience &amp; Neuropharmacology</td>
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<tr>
<td>Sihem Jebari</td>
<td>Center of Middle Eastern Studies</td>
<td>Lund University, Sweden</td>
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<td>Zackary Johnson</td>
<td>Assistant Professor</td>
<td>Duke University, USA</td>
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<tr>
<td>Hussam Jourdi</td>
<td>Biomedical Sciences &amp; Neurosciences</td>
<td>Florida State University, USA</td>
<td>Molecular Neuroscience &amp; Neuropharmacology</td>
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<td>Yousef Khader</td>
<td>Jordan University of Science and Technology</td>
<td>Jordan</td>
<td>Diabetes</td>
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</table>
Asaad Khalid  
Associate Professor  
Medicinal and Aromatic Plants Research Institute  
National Center for Research  
Sudan 

Sanjay Kumar  
Associate Professor of Bioengineering  
University of California, Berkeley  
USA 

Jeff Langman  
Visiting Assistant Professor  
American University in Cairo  
Department of Petroleum and Energy Engineering  
Egypt  
Research interest: Isotopic tracers in aqueous geochemistry 

Yunfeng Lu  
Professor  
Chemical and Biomolecular Engineering Dept  
University of California at Los Angeles  
USA  
Research interest: Nanomaterials 

Christine Luscombe  
Associate Professor  
Materials Science and Engineering Department  
University of Washington  
USA  
Research interest: Polymer Chemistry 

Olfa Mahjoub  
Researcher  
Water Quality and Reuse  
National Institute for Research in Rural Engineering, Water, and Forestry  
Tunisia  
Research interest: Water Sciences 

Huda Mahmoud  
Assistant Professor  
Kuwait University  
Kuwait  
Research interest: Marine Microbiology 

Marie Merheb  
Mount Lebanon Hospital  
Lebanon  
Research interest: Complications of Diabetes Mellitus type 2 

Ziad Mimi  
Associate Professor  
Civil Engineering Department  
Birzeit University  
Palestine  
Research interest: Water resources 

Ganeshwaran Hitoshi Mochida  
Assistant Professor in Pediatrics  
Children's Hospital Boston and Harvard Medical School  
USA  
Research interest: Neurogenetics 

Mohamed Nour  
Assistant Professor  
Cairo University  
Egypt 

Nahla Mohamed  
Medical Microbiologist  
Uppsala University  
Umeå University  
Sweden  
Research interest: Neglected vector-borne infectious diseases 

Fatouma Mohamed Abdoul Latif  
University of Djibouti  
Djibouti 

Moustafa Samir Moussa  
Faculty of Engineering  
Helwan University  
Egypt  
Research interest: Environmental Engineering 

Dana Olson  
Research Associate Professor  
National Renewable Energy Laboratory  
USA  
Research interest: hybrid organic/inorganic photovoltaic
Hazem Orabi  
Urology Department, Faculty of Medicine  
Assiut University  
Egypt

Balgis Osman-Elasha  
Climate Change Adaption Expert  
Compliance and Safe Guards Division  
African Development Bank  
Tunisia

Kirt Page  
Research Chemist  
The National Institute of Standards and Technology  
USA  
Research interest: Polymer Physics, Energy Applications

Jordan Peccia  
Assistant Professor  
Yale University  
USA  
Research interest: Environmental Biotechnology

Narahari (Hari) Pujar  
Director  
Merck & Co., Inc  
USA  
Research interest: Plant Science

Wael Rabeh  
Assistant Professor of Practice of Chemistry  
New York University Abu Dhabi  
Center for Science and Engineering, Room S084  
UAE  
Research interest: Protein Biochemistry

Pascal Saikaly  
Assistant Professor  
Environmental Biotechnology  
King Abdullah University of Science and Technology  
Kingdom of Saudi Arabia

Rezq Basheer - Salimia  
Associate Professor  
Plant Science Faculty of Agriculture  
Hebron University  
Palestine  
Research interest: Structural Biology, with a focus on autoimmunity

Nagla Zayed  
Assistant Professor  
Faculty of Medicine, Cairo University  
Egypt 12311  
Research interest: Medicine- Hepatology and Gastroenterology
<table>
<thead>
<tr>
<th>Nadia Zghoul</th>
<th>Kuwait</th>
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<tbody>
<tr>
<td>Immunology &amp; Innovative Cell Therapy Unit</td>
<td>Research interest: Human mesenchymal stem cells and their in vitro and in vivo applications</td>
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<td>Dasman Diabetes Institute</td>
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