

INVITED PARTICIPANTS

Firas M. Abu-El Samen
Dept. of Plant Production Sciences
College of Agriculture
Jordan University of Science and Technology
Jordan
Research interest: Plant Pathology –Plant
Microbe interaction

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

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

Fadhli M. Al-Akwaa
Assistant Professor
UST
Yemen
Research interest: Biomedical Engineering

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

Fahad Alasfar
Assistant Professor
Faculty of Medicine, Department of Surgery
Kuwait University
Kuwait

Research interest: Bariatric and Metabolic
Surgery

Khaled Al-Banaa
Associate Research Scientist
Coastal Engineering Program
Kuwait Institute for Scientific Research
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Department of Biological Sciences, Faculty of
Science
Kuwait University
Kuwait

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

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

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

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

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Soil-Water Management/Climate Change
Adaptation
Dry Lands Section, Forestry Research Center
Agricultural Research Corporation (ARC)
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Senior Research Associate
Kuwait Institute for Scientific Research
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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-Iuaibi
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
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Assistant Professor
Sultan Qaboos University
Oman
Research interest: Soil and Water Engineering

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

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Assistant Professor
Diabetes and Endocrinology
Kuwait University
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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-Rifae
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

Ghada Amer
Deputy CEO, Arab Science and Technology
Foundation
Associate Professor of Electrical Engineering,
HIT, Benha University
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Aouatif Amine
ENSA
Morocco
Research interest: Pattern Recognition

Oula Amrouni
Marine Sedimentologist
Laboratory of Marine Environment
INSTM (National Institute of Sciences and
Marines Technologies),
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Research interest: Marine sedimentology

Hany Anany
Microbiology Department
Faculty of Science
Ain Shams University
Egypt
Research interest: Phage biology and
application

Ismet Ara
Assistant Professor in Molecular Microbiology
King Saud University
Department of Botany and Microbiology,
Kingdom of Saudi Arabia
Research interest: Polymer Chemistry

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

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School of Communications and Information
Technology
Nile University
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Assistant Professor
Environmental Engineering
Department of Civil & Architectural Engineering
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Sultanate of Oman
Research interest: Environmental Engineering

Scott Baker
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Pacific Northwest National Laboratory
USA

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Biology Department
Lebanon
Research Interest: Biology

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Monfort Professor
Department of Electrical and Computer
Engineering,
Department of Chemistry, and School of
Biomedical Engineering
Colorado State University
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Research interest: Optical Microscopy and Laser
Development

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Irrigation and Hydraulic Department
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Cairo University
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Research interest: Subsurface hydrology

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Centre for Space Technology
Algerian Space Agency

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University of Sciences and technology
Algeria
Research interest: Tumor biology

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Department of Civil and Environmental
Engineering
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Research interest: Water Treatment,
Desalination, and Water Reclamation

Rana Dajani
Assistant Professor
Biology Department
Hashemite University
Jordan

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Master of Research
National Institute of Agronomic Research
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Water Resources Department
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Research interest: Water Resources

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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

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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

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Assistant Professor
University of California
USA
Research interest: Nanoscience

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

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Professor and Dar Chair in Engineering
American University of Beirut
Beirut
Lebanon

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Information Responsible of the EMWIS
Technical Unit,
EMWIS T.U.
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Maître de Conférences en Chimie à la Faculté
des Sciences
Université de Djibouti
Djibouti

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

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Water Resources Management Program
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Research interest: Water Resources Engineering

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Faculty of Science
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Research interest: Photobiology

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Manet Community Health Center
USA
Research interest: Family Medicine

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Associate Professor - Solar Energy Materials &
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Research interest: Solar Energy

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University of Virginia
Department of Environmental Sciences
USA
Research interest: Atmospheric Science

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Professor
Northwestern University
Department of Chemistry
USA
Research interest: Materials Chemistry, Printed Electronics

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Associate Professor
Department of Environmental Sciences
Rutgers University
USA
Research interest: Water/Renewable Energy: Bioenergy, Bioremediation and Bioaerosols

David R. Gang
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Institute of Biological Chemistry
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Department of Nutrition
University of California
USA
Research interest: Physiology and metabolic diseases

Maha Halalsheh
Water, Energy and Environment Center
University of Jordan
Jordan
Research interest: Wastewater Treatment and Decentralized Sanitation

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Attending Psychiatrist
Children's Hospital Boston
Instructor in Psychiatry
Harvard Medical School
USA
Research interest: Child mental health and Public Health

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School of Science and Engineering,
Energy and Petroleum Engineering
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Research interest: Renewable Energy

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Lead Scientist/Principle Investigator
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Research interest: Isotopic tracers in aqueous geochemistry

Sihem Jebari
Center of Middle Eastern Studies
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USA

Research interest: Nanomaterials

Research interest: Hydropolitics, Security and International Law

Christine Luscombe
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Materials Science and Engineering Department
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USA

Research interest: Polymer Chemistry

Zackary Johnson
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USA

Research interest: Biological Oceanography and Marine Biotechnology

Olfa Mahjoub

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Biomedical Sciences & Neurosciences
College of Medicine
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USA

Researcher
Water Quality and Reuse
National Institute for Research in Rural Engineering, Water, and Forestry
Tunisia

Research interest: Water Sciences

Research interest: Molecular Neuroscience & Neuropharmacology

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Jordan

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Research interest: Marine Microbiology

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Associate Professor
Medicinal and Aromatic Plants Research
Institute
National Center for Research
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Marie Merheb
Mount Lebanon Hospital
Lebanon
Research interest: Complications of Diabetes Mellitus type 2

Sanjay Kumar
Associate Professor of Bioengineering
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USA

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

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Visiting Assistant Professor
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Department of Petroleum and Energy
Engineering
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Ganeshwaran Hitoshi Mochida
Assistant Professor in Pediatrics
Children's Hospital Boston and
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USA

Research interest: Neurogenetics

Mohamed Nour
Assistant Professor
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Medical Microbiologist
Uppsala University
Umeå University
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Research interest: Neglected vector-borne infectious diseases

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Research interest: Environmental Engineering

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USA
Research interest: Polymer Physics, Energy
Applications

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Assistant Professor
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Research interest: Environmental Biotechnology

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Director
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Research interest: Protein Biochemistry

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Research interest: Plant Science

Jassem M Salman
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Department of Liberal Arts and Sciences
Virginia Commonwealth University in Qatar
Qatar
Research interest: Chemical Physics, Materials
Science, Nanotechnology

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Jordan

Research interest: Molecular Developmental Biology

Kristin Tarbell

Tenure-track Investigator
National Institute of Diabetes and Digestive and Kidney Diseases
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Research interest: Plant Physiological Ecology

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Assistant Professor
Departments of Biomedical Engineering and Medicine

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Kuwait University
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Biological Sciences Dept. Biochemistry Program
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Research interest: Structural Biology, with a focus on autoimmunity

Nagla Zayed

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Research interest: Medicine- Hepatology and Gastroenterology

Nadia Zghoul

Immunology & Innovative Cell Therapy Unit
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Research interest: Human mesenchymal stem cells and their in vitro and in vivo applications