

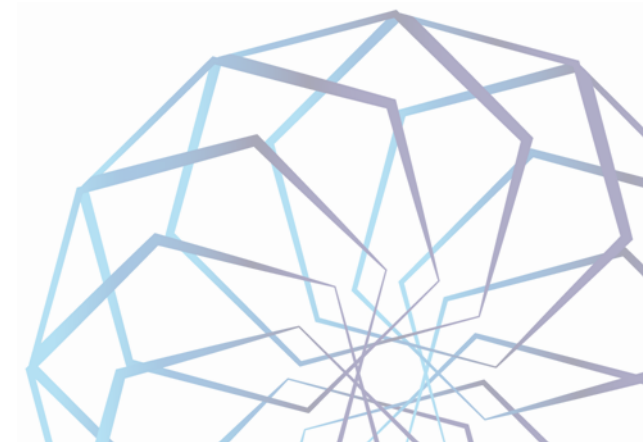


# „WATER RESOURCE MANAGEMENT“ AND „WATER, ENERGY, FOOD AND ECOSYSTEM NEXUS“

MONDAY, NOVEMBER, 23 FROM 5PM UNTIL 7PM (CAIRO TIME)

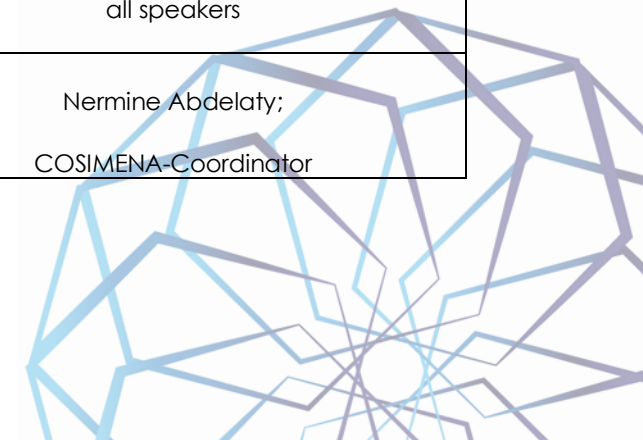
The DAAD Regional Office Cairo

organizes the project “Clusters of Scientific Innovation in the Middle East and North Africa”; abbreviated “[COSIMENA](#)” and hosts the event within the [WATER-CLUSTER](#).



Agenda of Monday, the 23<sup>rd</sup> of November

Time	Item	Speaker
5.00 – 5.15	Welcoming Words	Isabell Mering, Director DAAD Regional Office Cairo
5.15 – 5.20	Agenda	
5.20 – 5.35	<b>1. Presentation: Egypt</b> "Smart and Patterned Membranes for Water Desalination and Wastewater Treatment"	Mr. Ahmed Saad Gomaa; Egyptian Japanese University of Science & Technology
5.35 – 5.40	Q & A	
5.40 -5.55	<b>2. Presentation: Jordan</b> "Water Energy Food Nexus"	Prof. Dr. Ahmed Salaymeh; The University of Jordan
5.55 – 6.00	Q & A	
6.00 – 6.15	<b>3. Presentation: Tunisia</b> "Drought monitoring and forecasting; Based on earth observation data"	Mr. Moncef Bouaziz; Ecole Nationale d'Ingénieurs de Sfax
6.15 – 6.20	Q & A	
6.20 – 6.35	<b>4. Presentation: Germany</b> "The WEFE Nexus in the Mediterranean Area"	Dr. Maria Vrachioli; Technical University of Munich
6.35 – 6.40	Q & A	
6.40 – 6.55	Open Discussion	all speakers
6.55 – 7.10	Wrap-up & End of Event	Nermine Abdelaty; COSIMENA-Coordinator



## Our Speakers:

The event brings academics, researchers, experts, and scholars to share their knowledge and experience in a stimulating and thought-provoking exchange of knowledge.

### **Prof. Dr. Ahmed Saad Gomaa Khalil**

Egypt-Japan University of Science and Technology (E-Just)



Dr. Ahmed Saad Gomaa Khalil is the founder and group leader of ESTG. Dr. Khalil received his PhD in Physics and Materials Science in 2008 from Max Planck Institute in Germany. He received his B. Sc and M. Sc. in Physics from Cairo University in 1999 and 2003, respectively. Dr. Khalil was a postdoctoral associate (2008-2010) at the University of Duisburg-Essen, Germany and a visiting scientist at

IBM Research labs in Zurich, Switzerland (2010-2011) and the University of California Berkley, USA (2013). His scientific research has been published in highly ranked journals, such as Advanced Materials, Journal of American Chemical Society, Journal of Materials Chemistry, Desalination, Carbon and Journal of Membrane Science. Dr. Khalil's research interests expand into different areas including water desalination, printed electronics, and solar energy. Over the last 5 years, Dr. Khalil has succeeded to attract more than Euro 5 Million from national and

international funding organizations for his research and teaching activities at Fayoum University. These activities have been done in close collaboration with more than 50 academic and industrial partners from USA, Europe, Asia and the Arab world. Since 2016, Dr. Khalil is an elected member of the Arab German Academy of Science and Humanities (AGYA) in Germany. He is currently an Associate Professor of Materials Science at Faculty of Engineering, Egypt-Japan University of Science and Technology (E-JUST), Egypt and on sabbatical leave from his position at Faculty of Science, Fayoum University.

### **Prof. Dr. Ahmed Al-Salaymeh**

The University of Jordan



Prof. Dr. Ahmed Al-Salaymeh is a Professor at the Mechanical Engineering Department, the University of Jordan. He received his Ph.D. degree from Friedrich Alexander University in Erlangen, Germany in 2001. He is an expert in the Field of Renewable Energy and Energy Regulation. He is a coordinator of many EU Erasmus + project in the field of Renewable Energy, Environment and climate

change.

Prof. Dr. Ahmed Al-Salaymeh is a director and founder of the Renewable Energy Master Program at the University of Jordan.

Also, he is the director and founder of Environmental Technology and Climate Change Master Program at the University of Jordan.

Prof. Al-Salaymeh is the local coordinator of the CSP project with DLR (German Aerospace Center) about the transfer of knowledge and technology of concentrated solar power to Jordan and MENA countries.

Also he is a general coordinator of a two Erasmus + project in the field of capacity building of higher education entitled "Modernization of teaching methodologies in higher education: EU experience for Jordan and Palestinian territory (METHODS)" and "Development of Environmental Engineering and injection of climate change concept for Undergraduate curriculum :EU experience for Jordan and Syria (EGREEN)".

### **Dr. Moncef Bouaziz**

University of Sfax



Dr. Moncef Bouaziz currently works at the University of Sfax. He is also an associate researcher at the Technische Universität Dresden. Moncef does research in Remote Sensing and Geography, Python for GIS and Land degradation. His current project is 'Aeolian dynamics'.

### **Dr. Maria Vracholi**

Technische Universität München



Dr. Maria Vracholi is a Senior researcher at the Chair Group of Production and Resource Economics at TUM since 2018. She received her PhD from the Department of Food and Resource Economics at University of Florida in 2018 and she is trained as an applied economist focusing on issues at the intersection of water resources and

microeconomic theory. Her interdisciplinary research contributes toward efficiency- and productivity-enhancing policies by estimating the magnitude of gains from the more effective use of water in agriculture, using integrated hydrological and economic models. She has an extensive training and research background in applied water economics and policy and she coordinates a PRIMA H2020 project and has participated in several national, European and international research projects.

