



USAID
FROM THE AMERICAN PEOPLE

Program

08.30-09.00 | **Registration**

OPENING SPEECH

09.00-09.15

General Director of ESIM, Mr. Hassen Kharroubi
General Director of INSTM, Mr. Missaoui. Hechmi
General Director of IRESA, Mr. Hichem Ben Salem

PRESENTATION OF THE PEER PROJECTS

09.15-09.45

Presentation of the outcomes of the project SMART IWRM Medjerda (PEER7_NAS_USAID)
Dr. Fatma Trabelsi (ESIM) : Principal Investigator of SMART IWRM Medjerda (PEER7_NAS_USAID), Teacher-Researcher at the Higher School of Engineers of Medjez El Bab (ESIM)

09.45-10.00

Presentation of the outcomes of the project IMAS-Ichkeul (PEER8_NAS_USAID)
Dr. Béchir Béjaoui (INSTM) : Principal Investigator of IMAS-Ichkeul (PEER8_NAS_USAID), Researcher at the National Institute of Marine Sciences and Technologies (INSTM)

CONFERENCES

10.00-10.30

Drought, water resources, and food security in a changing climate
Pr. Amir AghaKouchak,

10.30-11.00

Opportunities and Challenges of Using Satellite Remote Sensing Observations for Monitoring Lakes and In-Land Water Bodies
Pr. Hamidreza Norouzi,

11.00-11.30

Flexible Transformation Pathways for Climate Change and Cities: Challenges and Opportunities for the 21st Century
Pr. Reginald Blake

11.30-12.00

DEBATE & DISCUSSION

SMART_IWRM_Medjerda & IMAS Ichkeul projects
(PEER_NAS_USAID)

organize

INTERNATIONAL CONFERENCE

SUSTAINABLE WATER RESOURCES MANAGEMENT UNDER CLIMATE CHANGE

April 6th, 2023

City of Culture Tunis

INTERNATIONAL CONFERENCE



**AMIR
AGHA KOUCHAK**

Professor of Civil and Environmental Engineering and Earth System Science at the University of California, Irvine. He has received several honors and awards including the American Geophysical Union's James B. Macelwane Medal, Fellow of AGU, and the American Society of Civil Engineers (ASCE) Norman Medal, and Huber Research Prize. Amir is currently serving as the Editor-in-Chief of Earth's Future – a transdisciplinary scientific journal examining the state of the planet and the science of the Anthropocene.



**HAMIDREZA
NOROUZI**

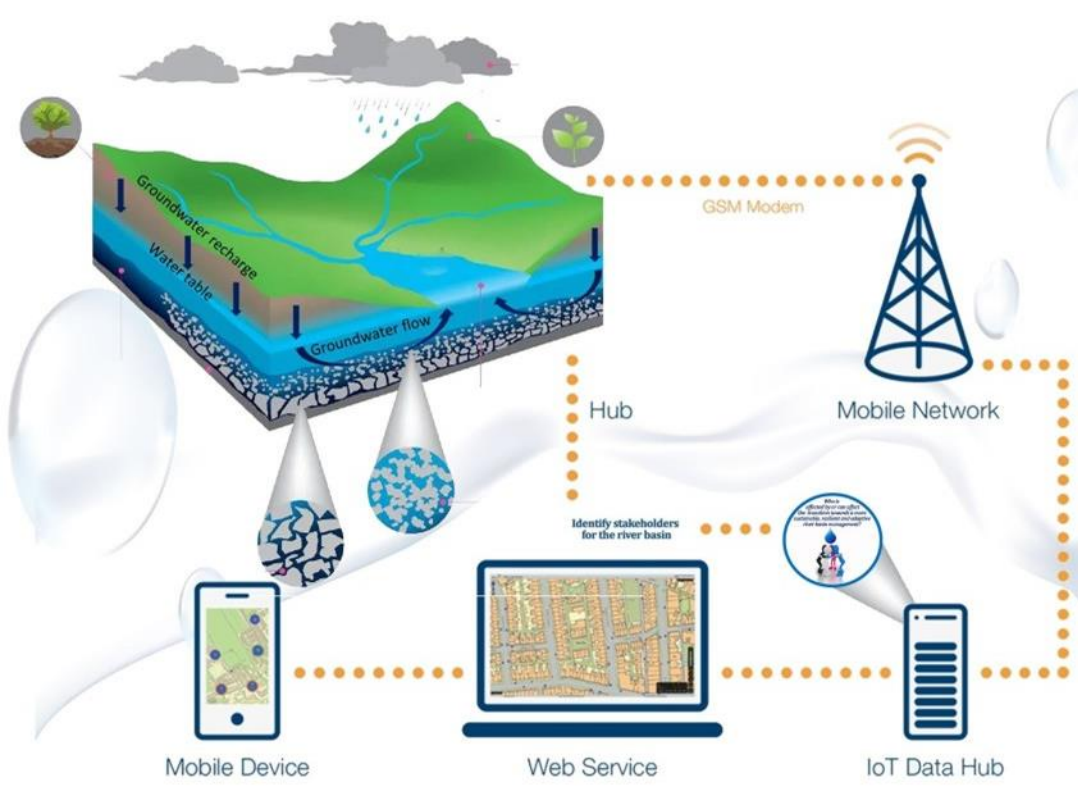
Professor, Department of Construction Management and Civil Engineering Tech. Co-Director, Center for Remote Sensing and Earth System Sciences (ReSESS) New York City College of Technology, City University of New York (CUNY) Earth and Environmental Science, the Graduate Center, CUNY Co-mentor, NASA Climate Change Research Initiative (CCRI) program



REGINALD BLAKE

Associate Provost and Dean of Curriculum and Research Co-Director, Center for Remote Sensing and Earth System Sciences (ReSESS) New York City College of Technology, City University of New York (CUNY) Earth and Environmental Science, the Graduate Center, CUNY Co-mentor, NASA Climate Change Research Initiative (CCRI) program

Improving Sustainable Groundwater Management of the Lower Valley of Medjerda Bassin



Disclaimer : This publication has been produces with the financial support of the National Academy of Sciences (NAS) & U.S Agency for International Development in the frame of the Partnerships for Engagement Research (PEER) cycle 7.

SMART_IWRM Medjerda

Project funded by NAS : The National Academy of sciences USAID:
United States Agency for International Development, USA
#2000009898



Improving Sustainable Groundwater Management of the Lower valley of Medjerda Bassin

PEER Program Cycle 7
(NAS_USAID)

Principal Investigator
Fatma TRABELSI
ESIM, TUNISIA

USG-supported partner
Clifford VOSS
USGS, USA

IMAS-Ichkeul Partners



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Principal Investigator :

Béchir Béjaoui,
INSTM, TUNISIA

USG-supported partner :

Hamidreza Norouzi, & Reginald A. Blake

New York City College of Technology, The
City University of New York, USA

Co-Principal Investigator:

Sihem Benabdallah,
CERT, TUNISIA

**National Institute of Marine
Sciences and Technologies**

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Project PI

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An Integrated Modeling Approach for Sustainable Development of the Ichkeul Lake (Eco-Tourism & Aquaculture)

The objective of IMAS-Ichkeul is to develop an advanced class of integrated models and decision support tools based on biophysical and socio-economic drivers processes and policy integration related to biodiversity and ecosystem functioning.

One Nature-One Emotion-One Heath: ONE-H

The IMAS-Ichkeul is a one-year project funded under the Partnerships for Enhanced Engagement in Research (PEER), Cycle 8 program. The Project is started in December 2019.

The Project Partners are **INSTM, INAT, CERTE, UNIV. OF CARTHAGE** and the Project Associate Partners are **ANPE, ATSE and DGPA**.

Project funded by

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