



Tunisian Committee of Hydrogeology



ACADEMIC DAY

MEETING WITH PHD STUDENTS & EARLY CAREER RESEARCHERS

SMART_IWRM_Medjerda project (PEER_NAS_USAID)
with the collaboration of *the Tunisian chapter of the
International Association of Hydrogeologists
(IAH_TCH)* organize:



in honor of
Pr. Clifford I. Voss (USGS)

MARCH 12th, 2020
ÉCOLE NATIONALE
D'INGÉNIEURS DE TUNIS

SALLE 720

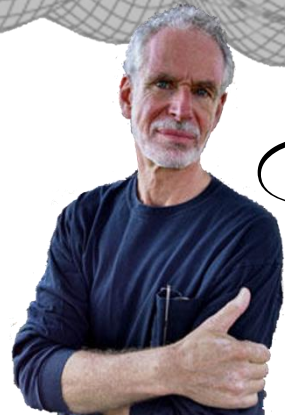


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Biography



Clifford J. Voss is a senior scientist with the hydrological research program of the *U.S. Geological Survey (USGS)*.

He has over 30 years of project management, implementation, field and research experience in groundwater systems, including: computer model development and application of models to scientific evaluation of hydrogeologic systems, groundwater resources development and protection, coastal groundwater resources, and the use of the subsurface for energy production and waste isolation.

He is recognized as an international expert on groundwater modeling. He consults extensively on groundwater system evaluation and management and lectures worldwide on these and Related subjects.

The practical methodology and models he developed are in standard use worldwide in subsurface assessment.


Agenda


08:30-08:45	Registration
Welcome Speech	
08:45-09:00	Director of ENIT Laboratory LAMHE: Prof. Bouhlila Rachida
Session 1: Keynote conference: Prof. Clifford I. Voss (USGS)	
09:00-10:00	Lecture: Density-Driven Groundwater Flow: Seawater Intrusion, Natural Convection, and Other Phenomena
10:00-10:30	Discussion & Debate
Session 2: Meeting with PhD Students & Early Career Researchers	
10:30-11:45	Presentation 1 Presentation 2 Presentation 3
Session 3: Presentation of Posters & Coffee Break	
11:45-12:45	Results of PhD students & Early Career Researchers and actual & previous projects relevant to Seawater intrusion and the Modelling of solute transport in Groundwater studies
Session 4: Meeting with PhD students & Early Career	
12:45-14:00	Presentation 1 Presentation 2 Presentation 3
14:00	Closure


SMART_IWRM_Medjerda Project


SMART_IWRM_Medjerda : *"Improving Sustainable Groundwater Management of the Lower valley of Medjerda basin"* is the Research & Development project funded by the PEER cycle 7 program (NAS_USAID) and led by the Higher School of Engineers of Medjez El Bab (ESIM) and the USGS.

For more details about SMART_IWRM_Medjerda project, contact us:

 peer.medjerda@gmail.com

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PEER program (NAS_USAID)




The Partnerships for Enhanced Engagement in Research (PEER) program is a competitive awards program that invites scientists in developing countries to apply for funds to support research and capacity-building activities on topics of importance to USAID and conducted in partnership with U.S. Government (USG)-funded and selected private sector partners. The program is supported by USAID but implemented by the U.S. National Academies of Sciences, Engineering, and Medicine (NAS).

For more details about PEER program, see:




Website: <https://sites.nationalacademies.org/PGA/PEER/index.ht%20m>

Specific Objectives

SMART_IWRM_Medjerda project aims to support groundwater resources management of the Lower valley of Medjerda River basin based on IWRM principles through three main pillars:

-  Overall initial assessment of groundwater resources availability and quality
-  Data management & Numerical simulation of water resources
-  Capacity Development

Expected Results

-  Implementation of a **smart water monitoring system using IoT platform**
-  Development of a **GIS modelling platform based decision support system tool (DSS)** that can be used by managers in water-resource decision making.
-  Improve **capacity building** of water stakeholders and **empowering women role** in water sector



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Web Service

Data Hub