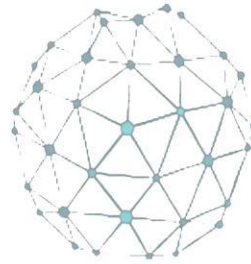


ACADEMIC DAY

**MEETING WITH
PHD STUDENTS
&
EARLY CAREER
RESEARCHERS**



Improving Sustainable Water Resource Management
of the Lower valley of Medjerda basin



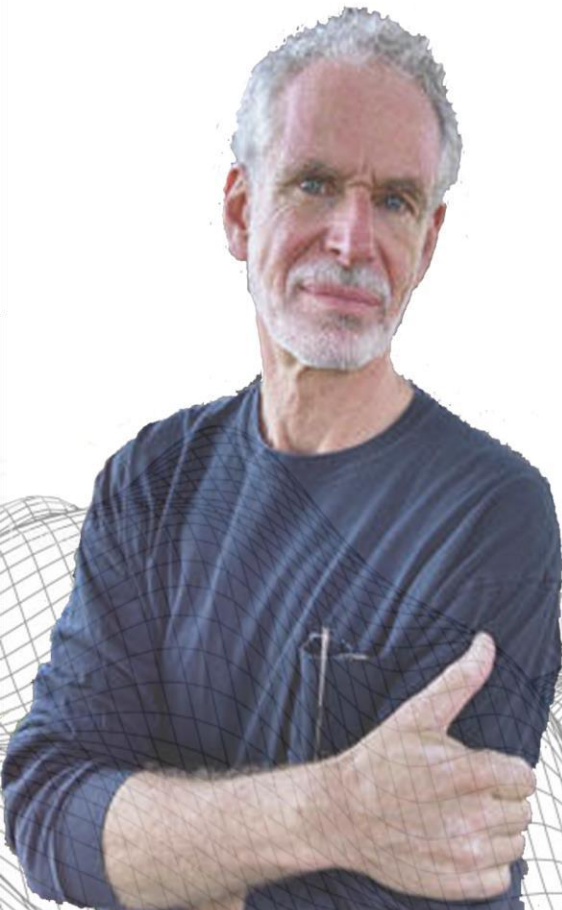
International
Association of
Hydrogeologists

Tunisian Committee of Hydrogeology

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

SALLE LA CHAIRE DE
L'UNESCO

With
PROF. CLIFFORD I. VOSS



Academic Day with Prof. Clifford I. VOSS for PhD Students & Early Career Researchers

AGENDA

Thursday, 12th March 2020

« Ecole Nationale d'Ingénieurs de Tunis »
« Salle LA CHAIRE DE L'UNESCO »

08:30-08:45	Registration
<i>Welcome Speech</i>	
08:45-09:00	Director of ENIT: Prof. Hatem ZENZRI Laboratory LMHE: Prof. Rachida BOUHLILA

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	
10:30-10:45	Reactive transport modeling of brine in Sabkha Oum El Khialate, Southern East of Tunisia <i>Nesrine NASRI (ISTEUB/LMHE)</i>
10:45-11:00	Density dependent flow and multispecies reactive transport in porous media : The GEODENS code and applications <i>Ezzeddine Laabidi (ENIT/LMHE)</i>
11:00-11:15	Discussion & Debate

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Session 3: Presentation of Posters & Coffee Break

11:15-12:15	<p><i>Takelsa aquifer system: Groundwater modelling for sustainable management</i> <i>Nesrine Ghouili (FST-CERTE/LR-GR)</i></p>
	<p><i>Estimating aquifer recharge by groundwater modelling for a coastal aquifer in North-Eastern Tunisia</i> <i>Chayma SAIDI (FST-CERTE/LGR)</i></p>
	<p><i>Contributions of hydrogeophysical methods in the study of the Djebel Djerissa karst system (NW of Tunisia)</i> <i>Imen HAJRI (FST-CERTE/LGR)</i></p>
	<p><i>Hydrochemical-PCA Tools and Fuzzy Logic for Groundwater quality evaluation in Hammamet-Nabeul Shallow Aquifer, Cap Bon, north-eastern Tunisia</i> <i>Naima YAHYAOUI (ENIS/ GEET)</i></p>
	<p><i>Groundwater quality assessment using GIS and Remote Sensing: a case study of El Kef plain, NW of Tunisia</i> <i>Zaineb ALI (ESIM/GDRES)</i></p>
	<p><i>Groundwater Potential Mapping Using Frequency Ratio Probabilistic Model in High Valley of Medjerda Basin, Tunisia</i> <i>Souha SDIRI (ESIM/GDRES)</i></p>
	<p><i>Salinization processes in Korba coastal aquifer (Northeast Tunisia)</i> <i>Fairouz SLAMA (ENIT/LMHE)</i></p>
	<p><i>Presentation of the project MEDSAL (PRIMA): Salinization of critical groundwater reserves in coastal Mediterranean areas: Identification, risk assessment and sustainable management with the use of integrated modelling and smart ICT tools</i> <i>Fadoua Hamzaoui (FST/LR18ES07)</i></p>
	<p><i>Groundwater resources management in a Tunisian coastal aquifer</i> <i>Ichrak KHAMMESSI (INAT/ GREEN-TEAM)</i></p>
	<p><i>Discriminating groundwater salinization processes in the Coastal Aquifer of Nabeul-Hammamet, (NE Tunisia): A Geochemical and Geophysical Approach</i> <i>Fatma TRABELSI (ESIM/GDRES)</i></p>

Session 4: Meeting with PhD students & Early Career

12:15-12:30	<p>Effects of irrigation with treated wastewater on groundwater salinity in the Cebela Borj-Touil irrigation perimeter (Northern Tunisia): Modeling water flow and solute transport in the saturated zone <i>Rezigui Houda (INRGREF-NAT/VENC)</i></p>
12:30-12:45	<p>Geostatistical Modelling of groundwater contamination by Nitrates in the lower valley of Medjerda <i>Salsabil Bel Hadj Ali (ESIM/GDRES)</i></p>
12:45-13:00	<p>Hydrodynamic and hydrochemical study and numerical simulation of seawater intrusion in the Mornag aquifer (Tunisia) <i>Yassine KADRI (FST-CERTE/LGR)</i></p>
13:00-13:30	Discussion & Debate
13:30	Closure

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