

ACADEMIC DAY

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



International
Association of
Hydrogeologists

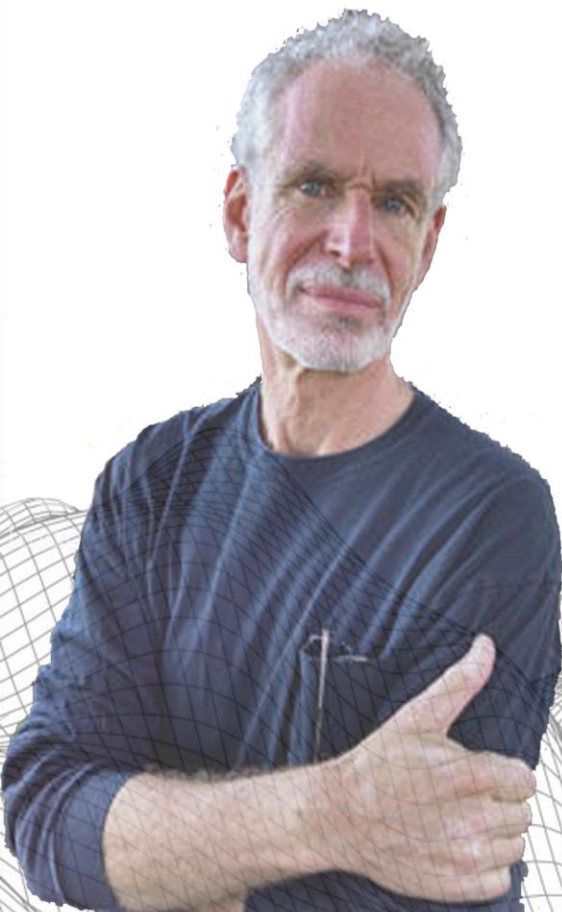
Tunisian Committee of Hydrogeology

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

Contact us



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Route du Kef Km 5 9070 Medjez El Bab, Béja

Session 3: Presentation of Posters & Coffee Break

11:15-12:15	<i>Takelsa aquifer system: Groundwater modelling for sustainable management</i> <i>Nesrine Ghouili (FST-CERTE/LR-GR)</i>
	<i>Estimating aquifer recharge by groundwater modelling for a coastal aquifer in North-Eastern Tunisia</i> <i>Chayma SAIDI (FST-CERTE/LGR)</i>
	<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>
	<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>
	<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>
	<i>Groundwater Potential Mapping Using Frequency Ratio Probabilistic Model in High Valley of Medjerda Basin, Tunisia</i> <i>Souha SDIRI (ESIM/GDRES)</i>
	<i>Salinization processes in Korba coastal aquifer (Northeast Tunisia)</i> <i>Fairouz SLAMA (ENIT/LMHE)</i>
	<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>
	<i>Groundwater resources management in a Tunisian coastal aquifer</i> <i>Ichrak KHAMMESSI (INAT/ GREEN-TEAM)</i>
	<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>

Session 4: Meeting with PhD students & Early Career

12:15-12:30	<i>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> <i>Rezigui Houda (INRGREF-NAT/VENC)</i>
12:30-12:45	<i>Geostatistical Modelling of groundwater contamination by Nitrates in the lower valley of Medjerda</i> <i>Salsabil Bel Hadj Ali (ESIM/GDRES)</i>
12:45-13:00	<i>Hydrodynamic and hydrochemical study and numerical simulation of seawater intrusion in the Mornag aquifer (Tunisia)</i> <i>Yassine KADRI (FST-CERTE/LGR)</i>
13:00-13:30	Discussion & Debate
13:30	Closure

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