



## VIII MICHELANGELO WORKSHOP

### RISKS, RESILIENCE AND SUSTAINABILITY in WATER MANAGEMENT

- Water and Human Life
- How to protect water?
- How to sustainably use water?



April 24-25, 2024

National Engineering School of Sfax (University of Sfax, TUNISIA)

Co-Organised by

**GAME** (Monica Cardarilli and Azadeh Ghasemichamazkoti (IT), Hebatallah Abdelmoaty (EG), Anastasia Prista (GR), Maroc, Tunisie, Liban, Palestine, France)

**RMEIM** (Massimo Guarascio, Anastasia Zabaniotou, Fatma Ashour, Moncef Ghiss & Olivier Boiron)

**IEEE, Tunisia** (Habib Kammoun)

**ENIS, Tunisia** (Slim Abdelkafi, Mohamed Barkallah)

# PROGRAM

24 April 2024

National Engineering School of Sfax (Orange Digital Center)



8:30 - 9:00 am Reception

9:00– 9:30 am Welcome Addresses

- **Abdelwahed Mokni**, President of the University of Sfax
- **Slim Abdelkafi**, Director of National Engineering School of Sfax
- **Anastasia Zabaniotou** – RMEIM President, Aristotle university, Greece
- **Massimo Guarascio** – GAME Founder and Mentor

## 1<sup>st</sup> Session (24 April 2024)

**Mediterranean: A shared story- Méditerranée: Une histoire à partager**  
**Water in Mediterranean Civilizations and Life**



9:30 -11:00am Keynote speakers

- **M. Guarascio**, Mentor of GAME, Prof Sapienza University, Italy
- **F. Ashour**, Professor at the Cairo University, Egypt
- **M. Kallel**, Professor in the National Engineering School of Sfax, Tunisia  
“Water Resources Management; Strategy and Perspectives”

11:00 am – 11:30am Coffee Break

## 2nd Session (24 April 2024)

### Disaster Risk Reduction & Resilience of Communities - Water Loss, Lack and Pollution



**11:30 – 12:00am**

#### **Keynote speakers**

- Tahar Mechichi, National Engineering School of Sfax, Tunisia  
“Water contamination by micropollutants : sources and solutions”

**12:00 -1:00 pm**

#### **Student Groups**

- Holy Spirit University of Kaslik (USEK), Lebanon
- Sapienza, Italy
- ENIS, Tunisia

**1:00 – 2:00 pm Lunch**

## 3rd Session (24 April 2024)

### Water circular in the disciplinary knowledge



**2:00– 3:00 pm Keynote Speaker**

- Alain Meyssonier, IME President (Institut Méditerranéen de l'Eau)
- Zohra Kraiem, National Engineering School of Sfax, Tunisia  
“Integration of Hydrochemistry, Isotopes, Electrical Resistivity Tomography and machine learning for Sustainable Management of Shallow Aquifers, Southern Tunisia”

**3:30 – 5:00 pm Students Groups from**

- Cairo University, Egypt
- Centrale Méditerranée, France
- ENISO, Tunisia

**5:00 – 5:30 pm Discussion**

## 4<sup>th</sup> Session (25 April 2024) Sustainable and Advanced Water Technologies



### 9:00 – 9:30am Keynote Speaker

- « New technologies to assist the paradigm shift of water use: supply vs demand » - Juan Jesus Perez, Prof UPC, Spain (on-line)

### 9:30 – 11:00am Students Groups

- ENSIM Rabat, Morocco
- ENIMedjz El Bab, Tunisia
- ENIMonastir, Tunisia

### 11:00 – 11:30am Coffee Break

## 5<sup>th</sup> Session (25 April 2024) The Sustainability, Resilience Sticks



### 11:30 -12:00 am Keynote Speaker

- Nassim AIT MOUHEB, INRAE, France

### 12:00 – 1:00pm Students Groups

- ENSIM Rabat, Morocco
- ENIMedjz El Bab, Tunisia
- UI Rabat, Morocco

### 1:00 – 2:30pm Lunch

## 6<sup>th</sup> Session (25 April 2024) Water- Food – Energy NEXUS



**2:30-3:00 pm**      **Keynote speaker**

- Philippe Michaud, UCA Clermont-Ferrand, France  
« Utilisation de milieux marins pour la production de biomasses microalgales - application à l'obtention de nouvelles génération d'hydrocolloïdes »

**3:15 – 3:45**      **Concluding remarks and recommendations**

- **M. Guarascio**, Mentor of GAME, Prof Sapienza University, Italy
- **A. Zabaniotou** – RMEIM President, Aristotle university, Greece

### CULTURE VISIT

4:00– 5:00

Sfax Forward ; Medina ; ...

### End of Workshop

