



Self-Introduction

The BlueMed Young Communication
Ambassadors: who, where from,
which stories so far?



Inès BOUJMIL

BlueMed Ambassador

Fisheries & Environmental Engineer

INAT – INSTM Salambo



Tunisia





Inès BOUJMIL

- ✓ MSc in Geomatics applied to Environment graduate (GIS, Remote Sensing)
- ✓ Fisheries & Environmental Engineer (Fisheries management, Oceanography)
- ✓ Bachelor degree in Geosciences
- ✓ Degree in preparatory studies (Biology & Geology)



IEEE INAT
STUDENT BRANCH

2016-2017

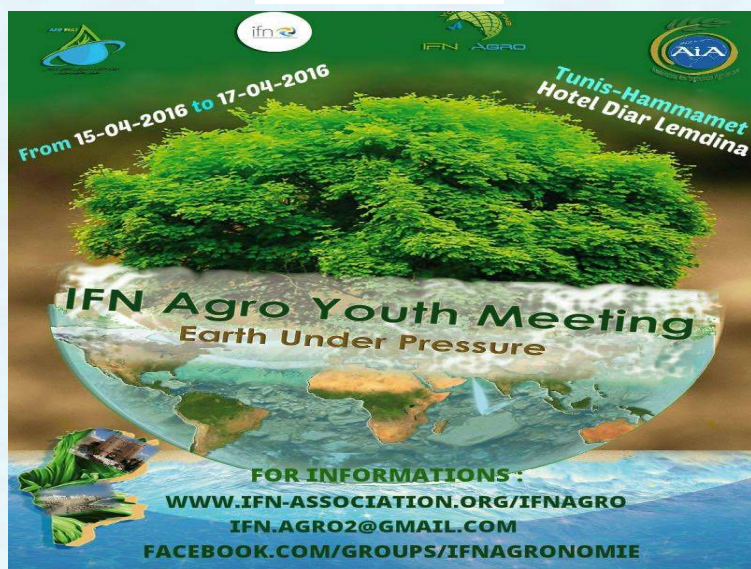
▪ Team member at IEEE - INAT Student Branch, Tunisia

Science and technology: Robotics & Waves. I was the manager of a marine robotic project at INAT in 2016, an under-water counter of tuna in cages.

2015-2016

▪ International Conference Organizer - Earth Under Pressure

- ✓ Representative of International Future Networks (IFN AGRO YOUTH MEETING)
- ✓ Informing young people about climate change issues
- ✓ International meeting between students and researchers, global issues debates.



Sidi Bou Said



Bizerte



Carthage



Ain Drahem



Hammamet



Tataouine
Star Wars spot !



Tunis, Tunisia


I come from a
beautiful country
which is worth visiting !



- ✓ Underwater Acoustics 2015-2016
- ✓ Seabed mapping
- ✓ Benthic sampling

GEOMARA



 Sliema, Malta

This integration has been deeply advantageous that it allowed me to gain experience in theory, practice as well as relational and personal skills !



▪ Nutrient Transport Modelling 2016-2017

ROYAL Netherlands for Sea Research (NIOZ)



- In the frame of **INSITE** project (**INfluence of Structures In The Ecosystem**), I made an environmental assessment of the presence of an oil platform L7A in the Southern North Sea, for my MEng graduation project
 - I worked on Nutrient Transport Modelling in **MATLAB**, developing a model coupling the **bio-geochemical dynamics** related to **mussel activity** covering this oil platform
- We figured out that this Artificial Reef is increasing the biodiversity in this spot area called "Shadow" (by organic matter in the Seabed)



Amsterdam, the Netherlands



OCS researchers at NIOZ had a very welcoming behaviour & I met nice students in the campus "**De Potvis**", who have been (and still !) a family for me.



- **Offshore Oil drilling Modelling (Freelancer in Tunis)**
Kuwait Oil Company 2017-2018



- Through my interaction with Offshore Oil platforms, I was pretty interested in **BIG OIL companies & their research field**:
This experience has completely changed my life since then !



- I was called by **SENS (Scientific Environmental Services)** to develop 6 models in **Mike** showing the **impact of Oil spill and drilling mud on water column and seabed** by coupling it to a hydrodynamic model



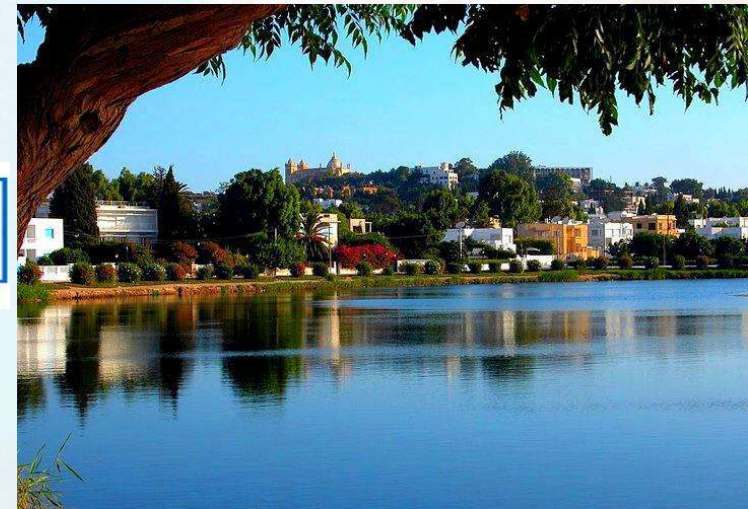
- The **disastrous impacts of Oil & drilling Mud on the Marine Life** were sad & shocking, even **my perception has totally changed** and I decided to **join the green & blue wave** in order to protect the planet !



▪ **Physical Oceanography & Altimetry** 2018-2019
National Institute of Marine Science and Technologies (INSTM)



- The research is focusing on the Channel of Sardinia. In order to clarify some processes related to the **mesoscale variability**, combined approach using **glider observations & Satellite data**
- Evaluating the **transport of water, salt and heat** through the area and verify if the **interannual variability** is due to **climatic changes** using **Python & Matlab programming**
- This Research Environment was a great opportunity to know more about **BLUEMED INITIATIVE in Tunisia !**

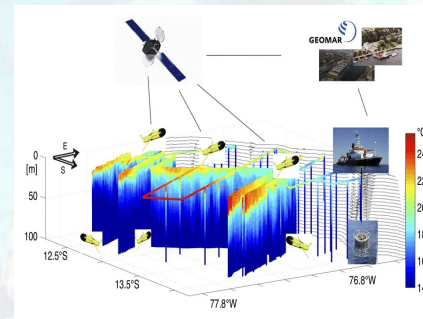
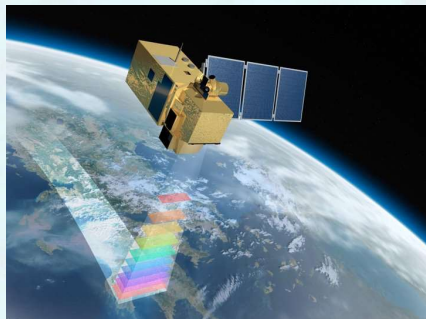


Carthage, Tunisia



- I discovered several projects at INSTM about **plastic pollution** management:
- **C**lean is the **AIM**: Develop innovative technologies able to reduce the amount and impact of plastic pollution
- **COMMON**: marine litter management

& I've been super motivated to join the BlueMed initiative since then !



■ BlueMed INITIATIVE

SCIENCE DIPLOMACY became one of my biggest interests to contribute for a Health plastic-free Mediterranean Sea !

 Barcelona, Spain



WHY BLUEMED?



The BIG CHALLENGE !

- Development of a shared science diplomacy effort across the Mediterranean
- Raising public awareness
- Act on the scientific communication level

blueMed



Thank you !

