

## Contents of Week 4

### Topics

In this week you may find some additional learning materials related to Topic 3, "Plastics and Polymers". You have access also to all learning materials related to Topic 4, "Techniques used to characterize water pollution". Two subjects are addressed: "Techniques to characterize water pollution", and "Ecotoxicology Tests and Biomarkers".

In this week the second soft-skill topic is available. "Creativity" is the theme addressed this time.

### Resources

Two National Geographic videos are included in this week learning materials. These videos address some aspects related to plastic: its history, its production and current use and its strong environmental impact. Some mitigation techniques currently being tested and implemented are also briefly presented. A video about the "Great Pacific Garbage Patch" and two TED Talks are also made available. One of this Talks is presented by Craig Leeson, the director of the documentary "Plastic Ocean".

The lecture about "Techniques to characterize water pollution" is presented by Prof. Maria do Rosário Bronze, from the Faculty of Pharmacy. The video with this lecture is made available together with the pdf file containing the corresponding powerpoint version, included to facilitate further study. The videos referred in the lecture are directly available. A pdf file containing the list of links mentioned in the lecture is also included.

The lectures on "Ecotoxicology Tests and Biomarkers" are presented by Dr. Bernardo Duarte and by Dr. Vanessa Fonseca, from the Faculty of Sciences. As usual, advanced learning materials are available for those who may be willing to deepen knowledge on those subjects.

The topic on "Creativity" includes a lecture presented by Dr. Rita Tomé, from the Faculty of Sciences.

### Activities

This week, the second quiz will be launched. It includes questions related to the subjects discussed in Topic 2, "Ocean Pollution and its Impact". The quiz will be opened on the 14<sup>th</sup> of April and, if you wish, you may repeat it once (you have two attempts to answer to the complete quiz). You may submit your answers until the 13<sup>th</sup> of June. The best grade obtained in those two attempts will be

considered.

The third assignment is also launched this week. It is closely related to the soft-skill topic on "Creativity". You have three weeks to finish this third challenge: "Super-heroes for the Win".

The third Social Networking Activity is also launched. Do not miss the surprise activity our Ulisses mentors have prepared for you!

Enjoy the week!

Ulisses Team

Lisbon, 10<sup>th</sup> April 2021