

Contents of Week 2

Topics

In this week you may find the final learning materials associated to Topic 1, "The Ocean and our planet". The relevance of microalgae and its use as sustainable food sources is the aspect to be treated. You may find also all learning materials associated to Topic 2, "Ocean pollution and its impact". Four different subjects are addressed: "Seawater Quality", "Contaminants of Emerging Concern", Bio-remediation of water" and "Plastic pollution in the Ocean".

Resources

Five different questions related to the subject "Microalgae biomass as sustainable food sources" are treated by Prof. Anabela Raymundo from the School of Agriculture: "What microalgae are", "Historical and social aspects", "Source of bioactive", "Industrial production" and "Impact of pollution". The videos with these lectures are made available together with the pdf files containing the corresponding powerpoint versions, included to facilitate further study. Additional videos are also included.

The lectures about "Seawater Quality" and "Contaminants of Emerging Concern" are presented by Prof. Cristina Almeida, from the Faculty of Pharmacy. Again, these lectures are made available together with the pdf files containing the corresponding powerpoint versions. You may also watch additional videos related to these subjects.

Prof. Isabel Caçador, from the Faculty of Sciences, presents the subject: "Bio-remediation of waters: how to remove heavy metals". She explains the important role salt marshes may play in the control of water pollution by heavy metals.

A brief introduction to the problems associated to "Plastic pollution in the Ocean" is made by Prof. Vasco Branco, from the Faculty of Pharmacy. This subject will be treated in much more detail in the following topics of the course.

Advanced learning materials for all subjects discussed this week are also available for those who may be willing to deepen knowledge on those subjects.

Activities

This week, the first quiz will be launched. It includes questions related to the subjects discussed in Topic 1, "The Ocean and our planet". The quiz will be opened on the 31st of March 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 13th of June.

This week the first Social Networking Activity is launched. Do not miss the surprise activity our Ulisses mentors have prepared for you.

Enjoy the week!

Ulisses Team

Lisbon, 27nd March 2021