

**2 ECTS**

# **Climate change services provided by estuaries and estuarine ecosystems and quantification tools**

**Understanding the relationships between estuarine ecosystems and climate change.**

## COURSE PROGRAMME

# Climate change services provided by estuaries and estuarine ecosystems and quantification tools

## MULTIMEDIA CONTENTS | DELIVERED IN ENGLISH

**UNIT 1** ● *Introduction to estuarine ecosystems*

**UNIT 2** ● *Services and benefits of estuarine ecosystems*

**UNIT 3** ● *Mitigation service*

**UNIT 4** ● *Adaptation services against flooding and erosion*

More courses on Adaptation pathways to Climate change through management and restoration fo estuarine ecosystems

### MOOC 1

Climate change services provided by estuaries and estuarine ecosystems and quantification tools

### MOOC 2

Climate change risk in coastal areas and estuarine-based adaptation strategies

### MOOC 3

Financial tools to support estuaries restoration and conservation projects

IHCantabria - Environmental Hydraulics Institute, University of Cantabria

Programme Coordinators: Prof. José A. Juanes | [juanesj@unican.es](mailto:juanesj@unican.es)

Dra. María Recio | [reciom@unican.es](mailto:reciom@unican.es)

Course Director: Dra. Cristina Galván | [galvanc@unican.es](mailto:galvanc@unican.es)

Course originally developed within the LIFE ADAPTA BLUES project (LIFE18 CCA/ES/001160; "Adaptation to climate change through management and restoration of European estuarine ecosystems")