

# COURSE DETAIL

## SEA LEVEL PAST, PRESENT, AND FUTURE

**Country**

United Kingdom - England

**Host Institution**

University of Bristol

**Program(s)**

University of Bristol

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Geography Environmental Studies

**UCEAP Course Number**

166

**UCEAP Course Suffix****UCEAP Official Title**

SEA LEVEL PAST, PRESENT, AND FUTURE

**UCEAP Transcript Title**

SEA LEVEL

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

In this course students examine challenges related to measuring and modelling sea rising level, and they learn to appreciate why the sea level is rising and how sea level rise is estimated through a combination of observations and modelling. Reliable estimates of future changes are crucial, and students examine how knowledge of past sea level changes can be used to project future sea level rise, and students assess the limitations of such methods. Since, the ice sheets are the most important driver of sea level rise over the long-term, these are a particular focus of the course. The course also examines the economic and social consequences of sea level rise.

### Language(s) of Instruction

English

### Host Institution Course Number

GEOG30008

### Host Institution Course Title

SEA LEVEL PAST, PRESENT, AND FUTURE

### Host Institution Campus

University of Bristol

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Geographical Sciences

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