

COURSE DETAIL

REMOTE SENSING AND GLOBAL CLIMATE CHANGE

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

Scottish Universities, University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography

UCEAP Course Number

115

UCEAP Course Suffix**UCEAP Official Title**

REMOTE SENSING AND GLOBAL CLIMATE CHANGE

UCEAP Transcript Title

REMOTE SENS&CLIMATE

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

Remote sensing from satellite platforms has become increasingly important as the only way to obtain environmental data at the spatial and temporal coverage needed to understand the processes governing global climate change. This course explores the role of remote sensing in monitoring planetary scale phenomena, with particular focus on the use of techniques and instruments designed to monitor the global environmental properties of the Earth. The course also considers the significance of these measurements for testing existing models, such as ozone depletion, the hydrological cycle, global climate change, and other aspects of the Earth's environment.

Language(s) of Instruction

English

Host Institution Course Number

GEGR10055

Host Institution Course Title

REMOTE SENSING AND GLOBAL CLIMATE CHANGE

Host Institution Campus

Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

School of Geosciences

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