

COURSE DETAIL

THE SCIENCE POLICY AND ETHICS OF CLIMATE INTERVENTION

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies

UCEAP Course Number

167

UCEAP Course Suffix**UCEAP Official Title**

THE SCIENCE POLICY AND ETHICS OF CLIMATE INTERVENTION

UCEAP Transcript Title

CLIMATE INTERVENTION

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

Climate Intervention describes a set of ideas to cool the planet by increasing the amount of light the Earth reflects. The leading proposal is Stratospheric Aerosol Injection, an idea which aims to mimic the cooling effect of major volcanic eruptions, which research suggests would be fast, cheap, and imperfect. This idea offers the potential to arrest global warming and potentially greatly reduce the risks of climate change but presents a host of challenges, risks, and ethical questions. We could stop climate change early, but should we? This course provides students with the context to understand this controversial, emerging issue, the space to develop an informed opinion, and to develop the skills to express their view persuasively.

Language(s) of Instruction

English

Host Institution Course Number

GEOL0067

Host Institution Course Title

THE SCIENCE POLICY AND ETHICS OF CLIMATE INTERVENTION

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Earth Science

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