

COURSE DETAIL

SUSTAINABILITY TRANSITIONS, INNOVATION AND SOCIAL CHANGE

Country

Norway

Host Institution

University of Oslo

Program(s)

University of Oslo

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography Environmental Studies

UCEAP Course Number

104

UCEAP Course Suffix**UCEAP Official Title**

SUSTAINABILITY TRANSITIONS, INNOVATION AND SOCIAL CHANGE

UCEAP Transcript Title

SUSTAINBLTY TRANSTN

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course discusses how innovations and transitions are embedded in larger processes of social and geographical change. The first module outlines the need for deep seated sustainability transitions in a context of accelerating global climate and environmental change. Theories on sustainability transitions and innovation are presented. A distinction between traditional, social and sustainable innovations is introduced. The Multi-Level-Perspective, which analyzes how niche innovations sometimes scale up and transforms larger sectors in the economy, is presented together with perspectives on power and geography. The second module discusses the role of wind energy in sustainability transitions. The history and current status of wind technology is emphasized. The preconditions and challenges connected with a further upscaling of wind energy are highlighted. The third module discusses the role of solar energy. Current institutional and policy potentials and barriers in the Global South and North towards a further upscaling of solar energy are discussed. The fourth module presents and discusses the role of a more circular economy as part of sustainability transitions.

Language(s) of Instruction

English

Host Institution Course Number

SGO3200

Host Institution Course Title

SUSTAINABILITY TRANSITIONS, INNOVATION AND SOCIAL CHANGE

Host Institution Campus

Host Institution Faculty

Social Sciences

Host Institution Degree

Bachelor

Host Institution Department
Sociology and Human Geography

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