

Course “Socio Environmental Impacts of Extractive Industries and Beyond”

Investigating the potential of advanced monitoring technologies for communities at risk

To whom it may concern,

In cooperation with the 9th Tilburg University Summer School (TUSS), we are proud to present our new summer course: “Socio Environmental Impacts of Extractive Industries and Beyond”. The course will take place from **17 July to 28 July 2017** and will deal with the impacts of oil and mining companies on society and the potential of advanced monitoring technologies for communities at risk.

The **target audience** for the course are BA/MA students. 4 ECTS are conferred upon successful completion of the course. The maximum number of participants is 25 students.

Course aims

- Understand the impacts of extractive industries on society
- Discover and analyze relationships of power within the sector of non-renewable energies
- Develop opinion on alternatives to the current energy scenario based on fossil fuels
- Achieve awareness of environmental contamination caused by extractivism
- Identify community’s right to an healthy environment and their potential to protect it
- Evaluate the role of technology in assessing environmental liabilities and promoting accountability

Course content

The course starts with a theoretical part (frontal teaching) on the socio-environmental impacts of extractive industries in middle/low income countries. A particular focus is devoted to the understanding of the dynamics of power hidden in the field of non-renewable energies. In the second part (interactive teaching), we analyse this issue with the help of case studies, from the instructor’s own work experience (Ecuador, Chile, and Peru), and from around the world, including the European scenario. Within this section, field trips to relevant organizations active in the environmental protection are organized. Following, we present community based monitoring systems (practice oriented teaching). Specifically, we focus on advanced technologies like drones and mobile applications for detecting environmental hazards and spreading environmental alerts. Therewith, we address technologies’ potential for managing and preventing environmental impacts, the users’ empowerment, and the legal/regulatory framework for the implementation of these technologies.

Course Highlights

- Morning lessons from 9:30 am to 12:30 pm (theory + presentation of a case study)
- Afternoon sessions:
 - Group work: 13:30-15:30 (focus on a particular aspect of presented case study)
 - Discussion: 15:30-17:00 (debate on group work/individual presentations)
- Guest lectures from national and international experts and spokespeople on the topic
- Field trips to Greenpeace International and the Transnational Institute
- Outdoor and multidisciplinary research activities



Application & Registration

- Registration deadline: May 31st 2017
- Early bird discount deadline: March 30th 2017
- Students are welcomed both from humanistic disciplines, and from technical faculties
- No prior knowledge of the topic required, reading provided as a background
- To register please upload copy of your transcripts or of your BA/MA, and motivation letter
- Your application must be approved by the course coordinator
- All the students admitted to the course pay € 650 (including reading material, train tickets for field trips, welcome & farewell drinks, and organizational fees for TiU Summer School).

For more information concerning **courses, application, registration, housing & more** check out:

<https://www.tilburguniversity.edu/summerschool> or send an E-Mail to:

summerschool@tilburguniversity.edu. For specific inquiries about the course, please contact tiltsummerschool@tilburguniversity.edu

This [video](#) shows how a summer in Tilburg can look like.

Thank you for your attention.

Kind regards,

Anna Berti Suman

Tilburg University, Tilburg Law School
Tilburg Institute for Law, Technology and Society (TILT)

