

Seminar / Lecture: Digitalisation and Sustainable Development
 Lecturer/s: Dr. Wulf Reiners (wulf.reiners@die-gdi.de)
 Course Nr.:
 Date: Mon, 16:00 - 17:30
 Location:
 Semester / Year: Summer semester 2019, 1 April 2019 – 12 July 2019
 Course language: English

February 12, 2019

Short description:

Investments on digitalisation affect personal, political, societal, environmental and economic processes across the globe and have enormous potential to radically change almost all sectors in the coming decades, from agriculture to industry and finance, from education to health, democracy and human rights. They will also influence the success of the implementation of the United Nations 2030 Agenda for Sustainable Development. Digitalisation is understood to constitute one of the most powerful facilitators for the achievement of the Sustainable Development Goals (SDGs).

The course is an introduction to digital transformation and its relationship with sustainable development in Europe and other world regions. It provides an overview of the impact, the opportunities, but also the risks of digitalisation in three interdependent thematic fields: the economy, the environment, and the society. A particular focus will be put on the societal and political dimension of digitalisation towards sustainable development, for instance with a view to governance, privacy and security in the digital age, or the effects of social media on democratic practices. The course will take up topical initiatives and processes such as the United Nation's 2030 agenda for sustainable development, the European Union's Digital Single Market (DSM), the EU General Data Protection Regulation (GDPR) or social credit systems in China. In this way, the seminar aims to combine perspectives from Europe with experiences from other world regions.

Preliminary Course Schedule

April 1, 2019	16-17h30	Introduction
April 8, 2019	16-17h30	Digitalisation and Sustainable Development
April 15, 2019	16-17h30	Overview: Digitalisation and the Economy
April 22, 2019	---	No class (Easter holidays)
April 29, 2019	---	No class
May 6, 2019**	16-17h30	Overview: Digitalisation and the Environment
May 13, 2019	16-17h30	Overview: Digitalisation and the Society
May 20, 2019*, **	16-17h30	E-government and E-governance
May 27, 2019*, **	16-17h30	Social Media and Democracy
June 3, 2019	16-17h30	Data Protection and Privacy
June 10, 2019	---	No class (Whitsun holidays)
June 17, 2019	16-17h30	Artificial Intelligence
June 24, 2019	16-17h30	Education and Research
July 1, 2019**	16-17h30	Conclusions
July 8, 2019	---	No class

* The sessions can be subject to re-scheduling.

** These sessions can feature modern means of communication and distance learning (webcast, online lecture, or similar).

Requirements for successful participation

Basic Module Students

- Digital Knowledge Product (various formats)
- Presentation
- Written examination. Multiple-Choice, 20 Questions on this course

Elective Module Students (no grades)

- Digital Knowledge Product (various formats)
- Presentation

SI Students

- Written examination. Multiple-Choice, 20 Questions on this course

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