

Ph.D Summer School - DTU
(26-30 August 2024)

ENERGY ECONOMICS: ENERGY CONSUMPTION



CONTRIBUTORS

Keynotes

Richard S. J. Tol
Benjamin K. Sovacool

Instructors

Claire Bergaentzle
Dogan Keles
Jacob Ladenburg
Karyn Morrissey
Ramazan Sari
Ugur Soytaş
Xiaobing Zhang

Coordinators and contact

Ramazan Sari (ramsa@dtu.dk)
Ugur Soytaş

Send applications to
phdcourse@man.dtu.dk,
including: Course title, 1-page
PhD project description, Brief CV.
-The 5000 DKK fee covers meals,
coffee breaks, etc. Invoices follow
course approval-

INFORMATION

Energy consumption is a critical issue for energy transition and society, as it impacts a wide range of aspects, including economic growth, climate change, decarbonization, environmental sustainability, security of supply, human health, and energy justice. Energy is essential for a variety of functions, including running homes and the operation of industries, and transportation. The efficient use of energy and the adoption of sustainable energy sources are crucial for reducing the adverse effects of energy consumption and promoting sustainable development. Therefore, there is a need for educated human resources that do research and develop policies in this area. The Energy Economics PhD summer schools will take a role in teaching how to use economic theory, energy modeling, and computational tools for research to address these contemporary global challenges.

COURSE CONTENT

- Energy Demand and Supply
- Energy and Economic Growth
- Energy Economics and Policy
- Energy and Social Challenges
- Energy Justice
- Energy Poverty
- Basic Econometric Methods
- Time Series and Panel Data Analyses
- Qualitative Methods
- Quantitative Methods
- Electrification of Energy Consumption

The Summer School is relevant to PhD students who study energy economics and particularly want to have a career by doing research in the energy sector or energy field.