



Please note:

- We try to match IS students to staff mentors based on joint affinity with research topics and/or methods. But this is not always possible for logistic reasons. Note that all listed staff at our group should in principle be quite capable of mentoring any student, and when the time comes, refer students to appropriate colleagues for MSc thesis supervision.
- All listed mentor staff are connected to the M.Sc. Program *Innovation Sciences* as tenured (or tenure-track) staff at the *Technology Innovation Society* group of the School of Innovation Sciences.
- These slides are *** indicative only *** of their profile & main research interests



prof.dr. F. (Floor) Alkemade

Topics:

Energy and mobility transitions

Fair energy transitions

Social simulation

Energy and Innovation policy



Courses

OEM120 Governing Innovations



Prof.dr. R.N.A. (Rudi) Bekkers

Topics

Standardization and intellectual property rights

University-industry knowledge transfer

Innovation in network industries



Courses

<u>OEM160</u> Innovation and Intellectual Property Rights

OEM81 Innovation and intellectual property

<u>OSAUCO</u>/OSEUBO/OSSUCO Patents design rights & standards project



dr. Frauke Behrendt

Topics:

- -Sustainable Mobility
- -Smart Mobility
- -Cycling and active modes
- -Mobile Media
- -Datafication
- -Digital innovation
- -Sonic and Creative Approaches
- -Qualitative Methodologies

Courses:

- -OSEUCO Future of Mobility Project
- -OSAUBO Future of Mobility Exploratory





Dr. Jonas Colen Ladeia Torrens

I am interested in supervising students in **(urban)** sustainability transitions, with particular attention to the processes of urban, policy and societal experimentation and their institutionalisation in local and regional governments, across different empirical domains and provision systems. I work closely with local and regional authorities in the Netherlands. These are some of my interests:

- How to develop 'transformative capacity' in local authorities and increase the impact of their activities?
- How to monitor and evaluate experiments, labs and experimental programmes?
- How to accelerate innovations in the maintenance of urban infrastructures and align them with sustainability objectives?
- How to catalogue, monitor and develop 'portfolios of experimentation' conducive to accelerating sustainability transitions?
- How to facilitate different dimensions of learning (technical, political, social) in service of sustainability transitions?
- How to develop 'learning infrastructures' and platforms for catalysing sustainability transitions at local and regional scales?

Empirically, this includes an interest in governmental and civil society efforts to initiate and run living labs, innovation labs and experimental programmes. I am also keen to explore new topics such as the emergence of 'chief technology' and 'chief science officers' in cities across the globe, understanding how they operate and how they impact the abovementioned questions or emerging approaches to project management that respond to sustainability transitions.

Prof.dr. H.C. (Heleen) de Coninck

Topics

- International and national climate policy
- Technology development and transfer to developing countries,
 and international cooperation in technology and innovation
- Energy-intensive industry, energy, CO₂ capture and storage
- Just transitions, systemic and transformational change

Courses I'm contributing to:

0EM310 From industrial ecology to cradle to cradle

0EM140 Energy, Economy and Society





dr. M. (Mila) Davids

Topics

The knowledge society

Circulation of knowledge

Innovation in a global context

History of technology

High-tech cluster Eindhoven

Courses

OEM170 Global Connections

OSABO USE base: Ethics and history of technology



Fields of expertise:

Knowledge transfer & intermediary actors, food systems & health in historical context, business history, Taiwanese developments, Innovation & Learning



dr. E. (Elena) Mas-Tur

Topics

Measuring innovation with patents and patent citations

Diffusion of knowledge and innovations

Collaborative knowledge creation

Science quality and questionable research practices

Courses:

0EM110 Research Methodlogy

<u>OEM160</u> Intellectual property rights

OSV30 Economics of innovation: introduction

USE learning line Patents and standards (OSSUCO, OSAUCO)

USE learning line Information sciences, technology and society (3UAU0)





Prof.dr. R. (Ruth) Oldenziel

Position: Editor-in-Chief *Technology & Culture*

Topics

American and European History

History of Technology

Gender and Technology

User Perspective of Technology

Sustainable Urban Mobility in Global Context (Cycling, Pedestrianism, and Public Transit)

Courses

OEM170 Global Connections

OEM82 Knowledge infrastructures in a globalizing world





Dr Georgios Papachristos

Topics:

Sociotechnical transitions theory & case application:

- niche development dynamics
- sustainable energy & mobility

Strategic management: Innovation ecosystems & business models

Technology platforms competition & diffusion

Application of system dynamics modelling & simulation

Courses:

- 0SV50 Managing Sustainable Technology—OGO
- OSV80 Sustainable technology in society: advanced
- OSV100 Economics of Innovation: advanced
- 0EM100 Evolutionary Foundations of Innovation Science





Dr. E. (Emilio) Raiteri

Topics

Economics of Innovation and Intellectual Property

Innovation policy with a focus on Public Procurement for Innovation

Knowledge diffusion through patents



Courses:

<u>OZKOO</u> Intellectual property rights for new ventures

OSV60 Economic policy



dr. H.A. (Henny) Romijn

Interests:

- Social, economic & environmental sustainability of development projects in de Global South, mainly related to renewable energy and sanitation
- Learning / capacity building for sustainable development
- Upscaling/replication of sustainable development initiatives
- Innovative delivery models ("business models") suitable for poor countries
- (Social) entrepreneurship in the Global South



Courses:

0EM140 Energy, Economy and Society
0EM200 International Development and Sustainability

Fields of expertise:

Development studies; development economics; sustainability transition processes in developing countries; techno-economic feasibility studies.



dr. B.M. (Bert) Sadowski

Topics

Economics of innovation, Business Model Innovation

Digital markets, Internet of Things, Blockchain

Data analysis with R and Python



3UEU0 Communications and Computing

OEM190 Infonomics

<u>3UAU0</u> Information Technologies of the Future

<u>OSV70</u> Evaluating economic policy: social cost benefit analysis





dr. ir. F.C.A. (Frank) Veraart

Topics:

Long-term perspectives on:

Monitoring sustainability

Resource chain and sustainability development

Sustainability trade-offs of raw material imports

Transitions in urban mobility

Sustainability in land use policies



OSABO USE basic: Ethics and history of technology

<u>OSV10</u> Technology in society: introduction



