

EINLADUNG

Kolloquium
Wintersemester 2021 / 2022

Prof. Maja Schlüter, PhD

Stockholm Resilience Centre and Stockholm University, Sweden

hält am Dienstag, den **18.01.2022**, um 16:15 Uhr, digital via Zoom, einen Vortrag über

„Mechanisms of change in social-ecological systems – insights from regime shifts and governance transformations“

Understanding and governing unintentional and intentional change such as ecological regime shifts or societal transformations is a key challenge of sustainable development. Such change emerges from complex interactions between people, societies and ecological processes across multiple scales. In this talk I will present a complexity-based approach for studying causal mechanisms of change and transformation of social-ecological systems through combining empirical research with dynamic modelling. I will illustrate the approach through examples from restoring a degraded lake ecosystem in Sweden, the collapse of the Baltic cod stocks, poverty alleviation and responses of natural resource management to socio-political shocks. The studies highlight the importance of social-ecological interactions and contexts, the type and timing of feedbacks, time lags and path-dependencies for shaping systemic outcomes.



Maja Schlüter is a Professor of Social-ecological Systems Analysis at Stockholm Resilience Centre, Stockholm University. Her research focuses on social-ecological interactions and feedbacks across scales that shape the complex dynamics of social-ecological systems (SES), particularly the emergence of regime shifts, traps or transformations in the context of fisheries and agricultural systems. She combines empirical research with dynamic modelling in interdisciplinary, collaborative processes to develop middle-range theories of SES. Maja is leading the seslink group (www.seslink.org) funded by two ERC grants and an interdisciplinary research environment to study causation in social-ecological systems.

Einladender: Prof. Dr. Henner Hollert

Dieser Vortrag findet lediglich in **Digitaler Form** statt. Über diesen Link kommen Sie zu der entsprechenden Veranstaltung:

<https://uni-frankfurt.zoom.us/j/97000121113?pwd=TxUQVZBRTJJSOxFeXNwTHYzZVp1dz09>

