

EINLADUNG

Kolloquium
Sommersemester 2024

Prof. Dr. Robert Arlinghaus

Leibniz Institute of Freshwater Ecology and
Inland Fisheries & Humboldt-Universität zu
Berlin

hält am Dienstag, den **11.06.2024**, um 16:15 Uhr im Hörsaal 1, Biologikum, Campus Riedberg, Max-von-Laue-Str. 13, einen Vortrag über,
„Recreational fisheries as real life laboratory for social-ecological research“

In the last 15 years or so, social-ecological research has become prominent in the environmental sciences. The research focus is the interdisciplinary study of the reciprocal feedbacks and interactions of human and natural systems, with a view to generate insights for sustainability of the coupled system. I present the empirically tractable model social-ecological system of recreational fisheries – a fisheries practice conducted by over 200 million people on earth and the dominant fisheries use of wild fish in freshwaters of all industrialized nations. I reflect on the past 20 years of inter- and transdisciplinary research on recreational fisheries and outline a series of replicated whole-community, whole-ecosystem experiments, where both social and ecological variables were systematically varied to understand how social-ecological dynamics unfold



© IGB/David Ausserhofer



© Florian Möllers/AVN

locally and regionally and how human behavior shapes and responds to social-ecological changes. Insights from studies in recreational fisheries benefits practical management and conservation in fisheries. However, insights from recreational fisheries as model social-ecological system also help us to understand more fundamental patterns of human-nature interactions.

Einladender: Prof. Dr. Klement Tockner