

Title of the project

Analysing the intertwined aspects of carbon, biodiversity, and water offsets: towards integrated climate and environmental policy

Type

PhD Research

Duration

October 2023 – October 2027

Persons involved

Felice Diekel (PhD candidate)

prof.dr.ir. M. Berger (Promotor)

dr.ing. R. Arendt (Daily supervisor)

Funding

Part of the sector plan for earth and environmental sciences

Summary of the research

Offsetting, i.e. the compensation of environmental impacts, has become an increasingly prominent instrument in climate and environmental policy covering carbon, biodiversity, and more recently, water related impacts. In the discussions to date, these three types of offsetting have largely been considered in isolation. This has led to a gap in the understanding of the complex social-ecological interactions that constitute and emerge from offsetting projects. In addition, approaches that pool different offsetting types are becoming increasingly relevant in practice, but have scarcely been discussed in scientific literature.

The objective of this PhD is to explore, identify, and analyse the interactions between carbon, biodiversity, and water offsets to develop multidimensional policy recommendations by applying a social-ecological systems perspective.

Keywords

Carbon offsetting – Biodiversity Offsetting – Water Offsetting – Offsetting Policy – Social-Ecological Systems

More information

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