

## **Towards an open, zoomable atlas for invasion science and beyond**

Initiative: Außergewöhnliches

Bewilligung: 18.10.2020

Laufzeit:

Projekt-Website: <https://hiknowledgeworkshops.com/>

Invasive species and other non-native species are on the rise, and their global impacts on ecosystems, economies and human health are highly problematic. Invasion science, the study of these species, is critical to mitigate their impacts, yet due to the strong increase of data and information in this area, it has become difficult to acquire and maintain an overview of the field. As a result, existing evidence is often not found, knowledge is not transferred to practice, and research is conducted in pursuit of dead ends. It is proposed to address these challenges by developing an interactive atlas of invasion science that can be extended to other disciplines in the future. This knowledge portal will be called enKORE, EvolviNg Knowledge REsource. It will be open for anyone to use, including researchers, citizen scientists, practitioners and policy makers. Users will be able to zoom into the major research questions and hypotheses of invasion science, which are connected to the relevant studies published in the field and, if available, the underlying raw data. enKORE will apply cutting-edge visualization techniques, artificial intelligence and novel methods for knowledge synthesis.

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**Open Access-Publikationen**

**Towards an open, zoomable atlas for invasion science and beyond**

**Mapping and assessing the knowledge base of ecological restoration**

**Hypotheses in urban ecology: building a common knowledge base**

**Building an atlas of knowledge for invasion biology and beyond! 2nd enKORE-INAS Workshop.**

**The enemy release hypothesis**