



Using CRIS data to generate customized research outcomes on university websites

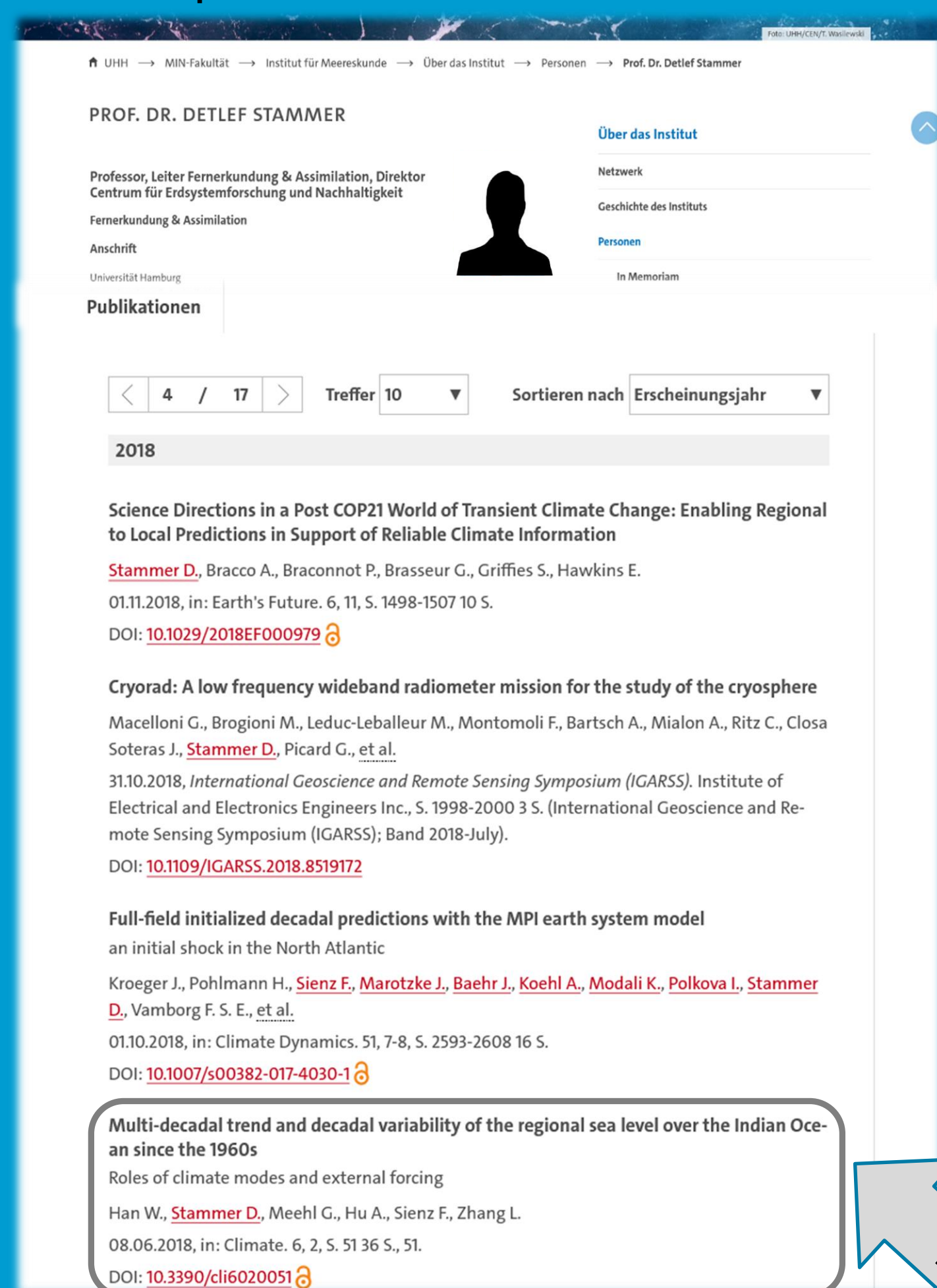
euroCRIS May 2022 - Dubrovnik, Croatia

Photo: pixabay/thedigitalartist

Personal Website

Content on the UHH personal website is controlled by using the personal user identifier. At UHH it will be used for accessing and controlling content, including access to Pure and the WCMS.

Users do have the opportunity to implement a tool "FIS-Box" in the WCMS to their personal web site to display their research output. Since the personal user ID is connected to the CRIS profile an unambiguous allocation to the scientist's research output can be assured.



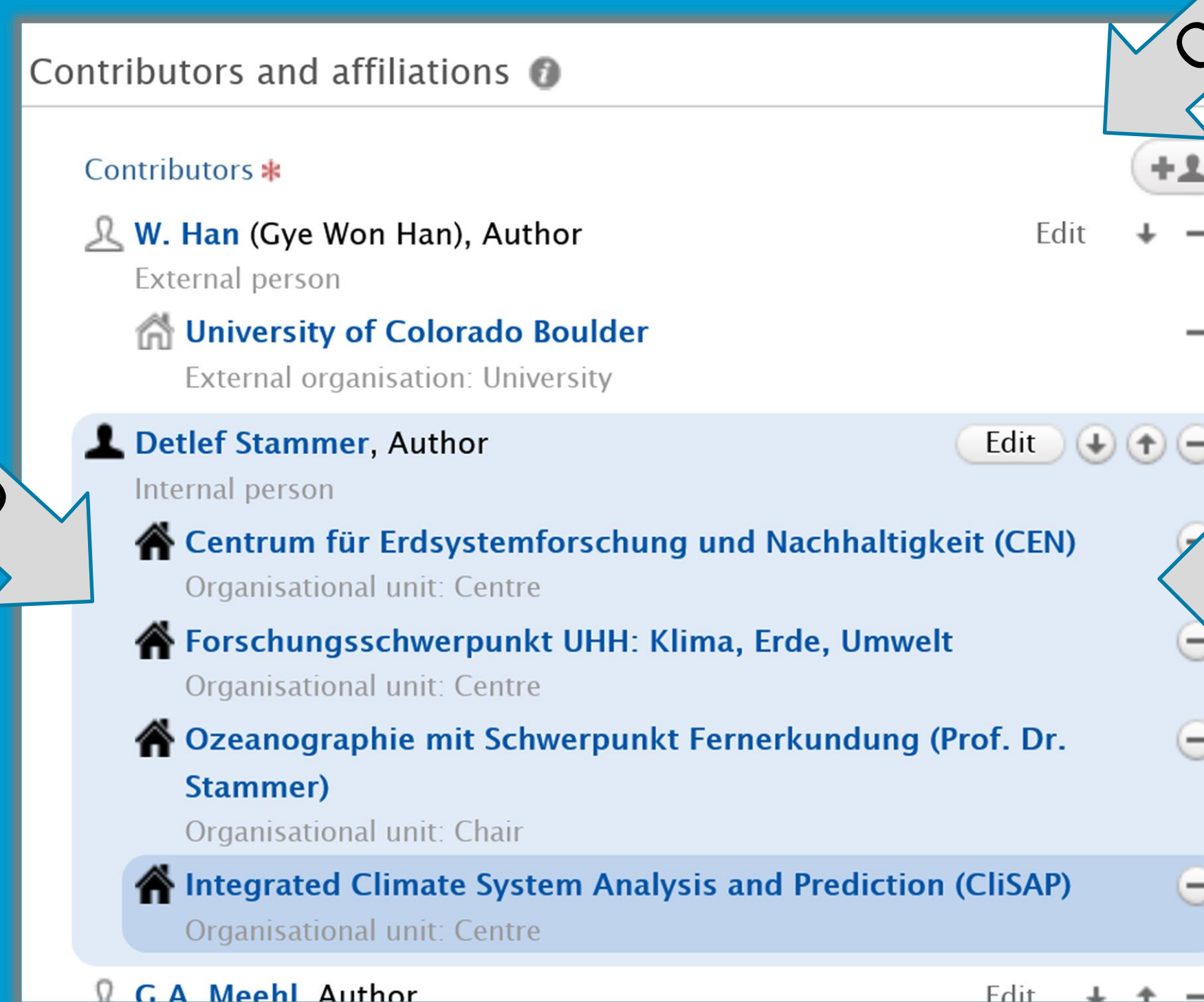
Using CRIS data becomes more and more important for universities but provides little direct benefit to present research outcome itself in public and to discover the university's research expertise. Thus, we connected the CRIS data to the university's web content management system (WCMS) to provide a smooth solution for easily creating individual content on websites.

The harvesting of the content from the CRIS is done via the implemented REST API. Outside the CRIS, the data is transformed, filtered, and sorted. This content is rendered in different ways on the respective websites.

The poster exemplifies the different presentations of research output (a scientific article*) on various websites.

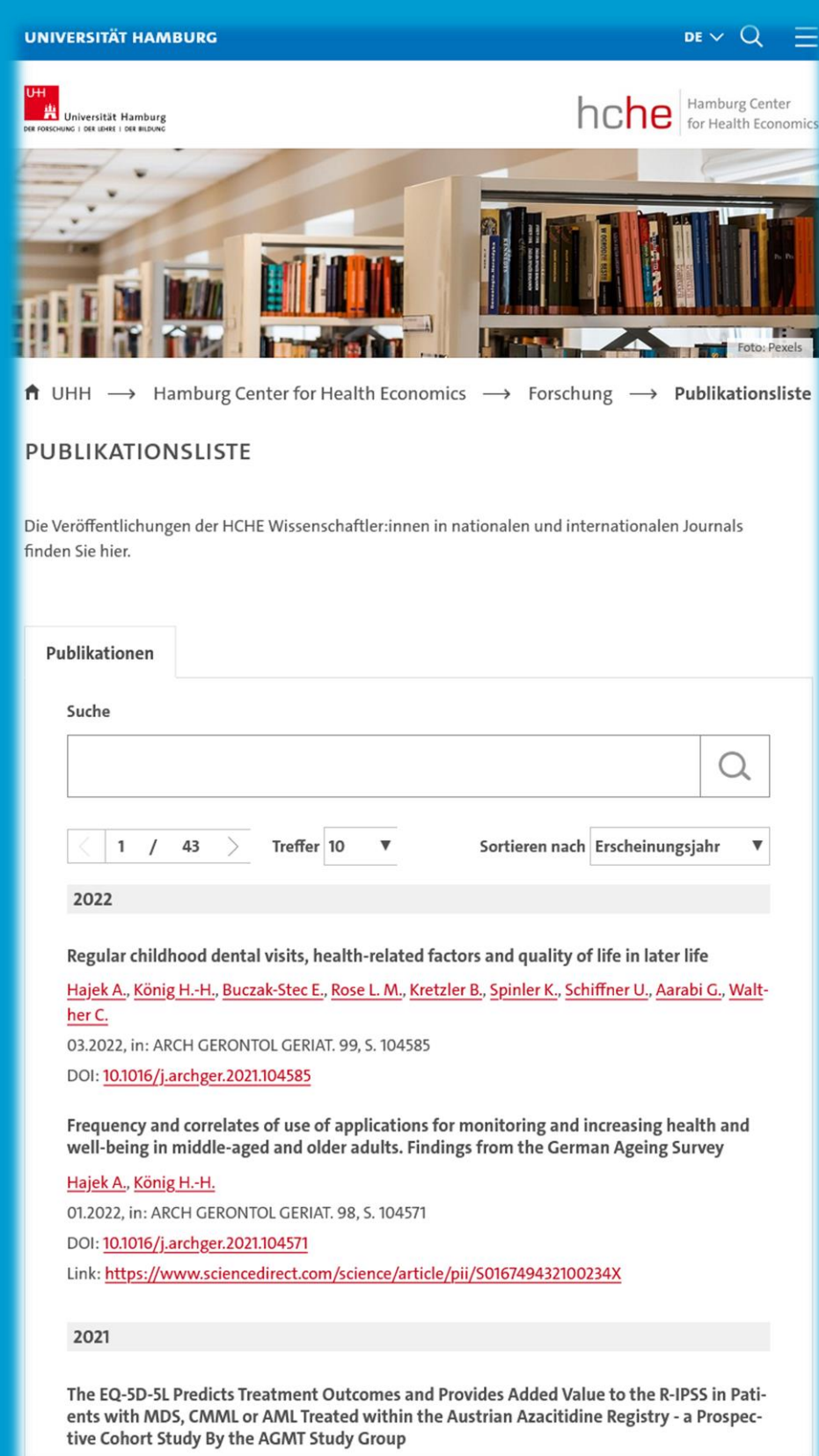
UHH CRIS (Pure)

Pure is the software of the CRIS at Universität Hamburg (UHH). By now it contains about 55,000 data sets of research output and about 10,000 projects. The CRIS has been productive since November 2018. Users have a broad range of options to manage their own data which can be imported from online sources, and manually. The CRIS team also regularly performs bulk imports of the various content types.



Connecting Data Spaces

CRIS data can also be connected to other research systems. This can either be done with all the research content, or with the specific identifiers used to show only parts of the connected data spaces.



UHH CRIS

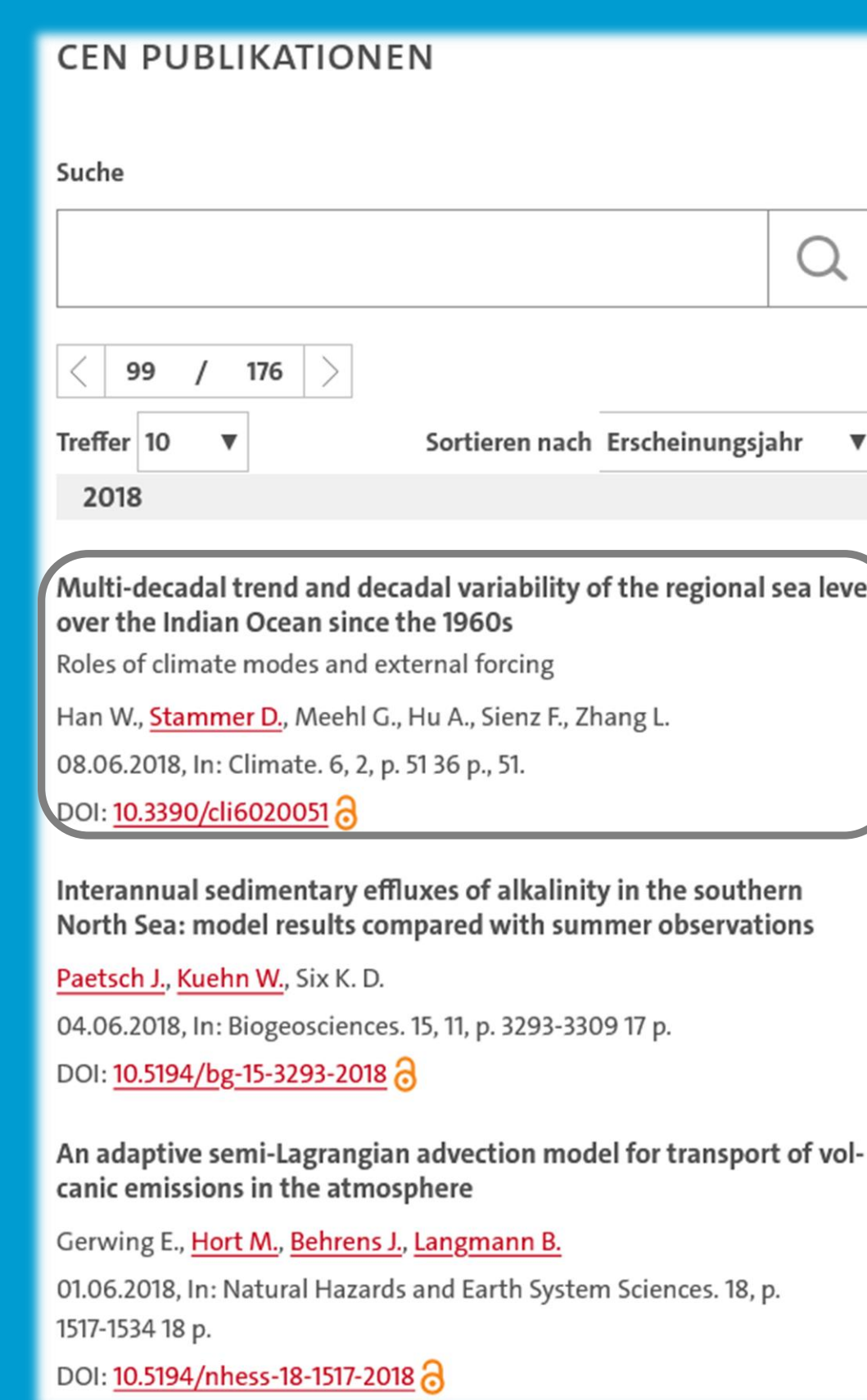
Organizational ID

Organizational ID

External CRIS
(Medical Center
Hamburg-Eppendorf)

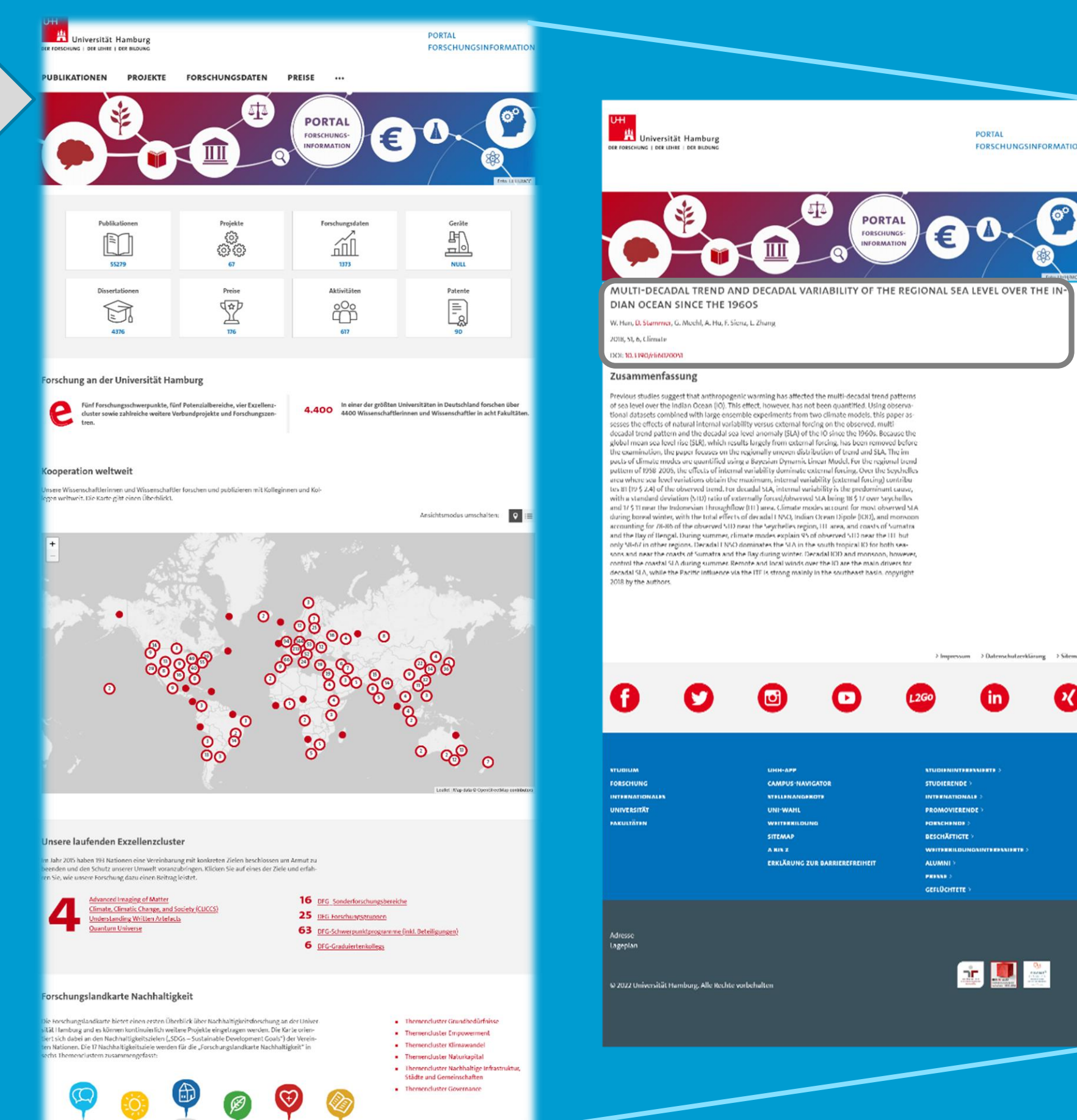
Organizational Website

The default organizational UHH structure in the CRIS is used to control the content on the organizational web page. Only research output linked to this specific organizational identifier will be shown on the website. This function can be integrated in the WCMS by the tool "FIS Daten".



CRIS-Portal

The CRIS-Portal presents the extensive research expertise on the university's main website: Individual research output (personal, faculty, university), Maps of collaboration, SDGs, Equipment, Prizes, Awards, ...



Every researcher's affiliation within the university (department, chair, research cluster, etc.) is added to the personal CRIS profile. Those linked organizational units are automatically added to the scientist's research output.

*[Article]: 'Multi-decadal trend and decadal variability of the regional sea level over the Indian Ocean since the 1960s'

Main Challenges

- Available meta data and identification of authors
- Unique allocation between the person and internal organizations (HR-system)
- Consistent data quality of internal organizational structure

Lisa Brase & Steffen Grünler

Center for Sustainable Research Data Management
Universität Hamburg, Germany
Email: fis@uni-hamburg.de
www.fdm.uni-hamburg.de/fis