

ePIC: lessons learned and future perspectives

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Roadmap



- EPIC
- Lessons learned
- Vision

- To date: ~31900 items, 4th version
 - First version ~14 years ago in Perl, in-house coding; followed by FEDORA as backend
- Pragmatic move to EPrints
 - No complex frameworks
 - No more self-programming!
 - Support/consultancy wished!



Degree of Customization : still high

- Frontend
- ISI Journal list with autocompletion function
- Handles for splash page and individual objects
- AWI-specific schema
 - Complex author field (incl. userID for author disambiguation)
 - Additional fields: PACES II work packages, research platforms and campaigns, submit data agreement, etc
 - Customized metadata schema for OAI harvesting
- REST interface for linking to PANGAEA objects
- Geo-referencing

Roadmap



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Repositories became...



boring after ResearchGate appeared !

User
friendliness

„Sexy“ statistics: top
co-authors, citations,
downloads, etc

„Sexy“ networks:
follow, followers,
share „protected“
PDFs, share interest,
share projects,
social, network, etc

Macario, A. and Pfeiffenberger, H. (2000)

An homogeneous Directory of People, Publications,
and other Resources as a means for IT-based
Knowledge Management in Science

hdl:[10013/epic.10560](https://nbn-resolving.org/urn:nbn:de:hep:2000-epic-10560)

Relationships

Data

Expeditions

Grants,
Projects, ...

The screenshot shows a ResearchGate profile for Olaf Eisen, a Prof. Dr. at the Alfred Wegener Institute for Polar and Marine Research. The profile includes a 'Follow' button, an RG Score of 22.46, and a 'Follow' button for the Alfred Wegener Institute Helmholtz Center. The profile is divided into several sections: 'OVERVIEW' (showing 53 publications, 1k views, 227 downloads, 147 citations, and 44.83 impact points), 'FEATURED PUBLICATIONS' (listing three articles with their titles and authors), 'TOP CO-AUTHORS' (listing four authors with their respective scores and affiliations), '19 FOLLOWING' (showing a row of 19 profile pictures), and '40 FOLLOWERS' (showing a row of 40 profile pictures). The 'TOPICS' section lists various fields of study such as Physics, Climate Change, and Geoscience.

Repositories are too rigid...



1) users want to create and curate their own collections

2) users want to archive „big data“ themselves

Home | Communities

Community Collections

Communities created and curated by ZENODO users

- American Chemical Science Journal** (View)
American Chemical Science Journal (ISSN: 2249-0205) aims to publish high quality papers (Click here for Types of paper) in all aspects of chemical science. The journal also encourages the submission of useful reports of negative results. This is a ...
Curated by SCIENCECOMM International
- American Journal of Experimental Agriculture** (View)
American Journal of Experimental Agriculture (ISSN: 2231-9508) is a multidisciplinary journal in the field of agriculture and biology. The journal publishes original scientific papers, short communications, review articles and case studies. This is a ...
Curated by SCIENCECOMM International
- Annual Review & Research in Biology** (View)
The aim of Annual Review & Research in Biology (ARRB) (ISSN: 2231-4778) is to publish high quality critical reviews, research articles, mini-reviews and short communications with broad areas of Aerobiology, Agriculture, Anatomy, Astrobiology ...
Curated by SCIENCECOMM International
- Aptamers** (View)
Fera are a UK Government Agency. Our website is www.defra.gov.uk/fera. We specialise in finding solutions for food, food safety, chemical safety, bee health and environmental issues. We offer bespoke research for customers wishing to find solutions ...
Curated by Tractor
- Arvados** (View)
Arvados is an open-source platform for storing, organizing, analyzing, and sharing biomedical big-data beginning with genomic data. We encourage archival of any scientific work related to Arvados and especially encourage items using Arvados.
Curated by arvado
- Asian Journal of Agricultural Extension, Economics & Sociology** (View)
Asian Journal of Agricultural Extension, Economics & Sociology (ISSN: 2320-7027) aims to publish high quality papers (Click here for Types of paper) in all areas of Agricultural Extension, Economics & Sociology research. The journal also encourages the ...
Curated by SCIENCECOMM International
- Astro Sides** (View)
A community to share sides that briefly, beautifully, and effectively visualize topics commonly covered in talk introductions and courses. Sides that make creative use of bulletpoints and animations are particularly encouraged. This is not the place to ...
Curated by halle
- Biosystematics Literature** (View)
A community to share publications related to bio-systematics. The goal is to provide open access to publications cited in ongoing publications or references in name servers.
Curated by glennrabin
- BlogForever project** (View)
BlogForever is an FP7 funded project (ICT No. 282965). BlogForever developed robust digital preservation, management and dissemination ...
- Bollettino telematico di filosofia politica** (View)
Overlay journal of political philosophy

zenodo Research. Shared.

Search 1048 records for macario

Showing records 1 to 2 out of 2 results.

- Swath Bathymetry Piman fracture zone** (View)
Macario, Ana
Swath bathymetry for R/V. Ewing 89
Uploaded by [anacario](#) on 30 October 2013
- Plankton'net: Using Fedora to aggregate and disseminate biodiversity content** (View)
Macario, Ana
this is a presentation on biodiversity
Uploaded by [anacario](#) on 29 October 2013

Powered by INVENJO

Terms of use | Privacy policy | Support/Feedback

Eisen, Olaf [Return to Search Page](#)

[Get A Badge](#) [ResearcherID](#) [Labs](#)

ResearcherID: K-3846-2012

URL: <http://www.researcherid.com/rid/K-3846-2012>

ORCID: <http://orcid.org/0000-0002-6380-962X>

Max-Planck-Gesellschaft
Max-Planck-Institut für Polar- und
Klimaforschung
Role: Researcher (Academic)

My Publications

My Publications (32)

[View Publications](#)

[Citation Metrics](#)

ResearcherID labs

[Create A Badge](#)

[Collaboration Network](#)

[Citing Articles Network](#)

My Publications: View

This list contains 32 publications

32 publications Page 1 of 4 [Go](#)

Sort by: [Publication Year](#)

Results per page: 10

- [Potential mechanisms for anisotropy in ice-penetrating radar data](#) added 10-Dec-12

Author(s): Drews, R.; Eisen, O.; Steinhage, D.; et al.

Source: Journal of Glaciology Volume: 58 Issue: 209 Pages: 613-624 Published: 2012

Times Cited: 1

DOI: [10.3189/2012.InG11.1114](https://doi.org/10.3189/2012.InG11.1114)
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Lame, isn't it?

On a related front-line...



<http://expedition.awi.de>

Publications

Search results for 'hartmut+hellmer' on expedition.awi.de. The page displays a list of publications with titles, authors, and dates. A map of the Weddell Sea is shown on the right, with a bounding box filter applied. A word cloud is also visible, containing terms like 'sea', 'weddell', 'ice', 'shelf', 'variability', 'deep', 'western', 'topography', 'bathymetry', 'observed', 'water', 'bottom', 'dataset', 'consistent', 'global', 'antarctic', 'northwestern', 'between', 'northwestern', 'sea', 'weddell', 'ice', 'shelf', 'variability', 'deep', 'western', 'topography', 'bathymetry', 'observed', 'water', 'bottom', 'dataset', 'consistent', 'global', 'antarctic', 'northwestern'.

Data

Search results for 'hartmut+hellmer' on expedition.awi.de. The page displays a list of data records with titles, authors, and dates. A map of the Weddell Sea is shown on the right, with a bounding box filter applied. A word cloud is also visible, containing terms like 'measured', 'samples', 'ispol', 'physical', 'cruise', 'polarstern', 'bottle', 'helium', 'borne', 'neon', 'air', 'water', 'helium', 'measured', 'samples', 'ispol', 'physical', 'cruise', 'polarstern', 'bottle', 'helium', 'borne', 'neon', 'air', 'water'.

Relationships

Expeditions

Platform	Expedition	Alias	Begin	End	Chief scientist(s)
Polarstern	PS87	ARK-XXIII/84	2014-09-02 - Tromsø	2014-10-07 - Bremerhaven	Stam, R.
Polarstern	PS86	ARK-XXIII/3	2014-07-01 - Tromsø	2014-07-30 - Tromsø	Dietze, A.
Polarstern	PS85	ARK-XXIII/2	2014-05-05 - Longyearbyen	2014-05-29 - Tromsø	Rabe, S.
Polarstern	PS84	ARK-XXIII/1	2014-05-15 - Cape Town	2014-06-05 - Longyearbyen	Schewe, I.
Polarstern	PS83	ANT-XXXI/10	2014-03-08 - Cape Town	2014-04-13 - Bremerhaven	Deese, H.
Polarstern	PS82	ANT-XXX/9	2013-12-19 - Cape Town	2014-03-05 - Cape Town	Knust, R.
Polarstern	ANT-XXXI/8	PS81	2013-11-09 - Cape Town	2013-12-16 - Cape Town	Schlesener, V.
Heincke	HE412	BSH-D0130191	2013-10-29 - Bremerhaven	2013-11-12 - Bremerhaven	Witler, C.
Heincke	HE411	BSH-D0130190	2013-10-17 - Bremerhaven	2013-10-26 - Bremerhaven	Hass, C.
Heincke	HE410	BSH-D0130189	2013-10-04 - Bremerhaven	2013-10-15 - Bremerhaven	Schlesener, T.
Heincke	HE409	BSH-D0130188	2013-09-18 - Bremerhaven	2013-10-01 - Bremerhaven	Löwe, A.
Heincke	HE408	BSH-D0130187	2013-09-16 - Bremerhaven	2013-09-15 - Bremerhaven	Mack, F.
Polarstern	ANT-XXXI/7	PS81	2013-08-14 - Punta Arenas	2013-10-16 - Cape Town	Mayer, B.
Heincke	HE407	BSH-D0130186	2013-07-30 - Bremerhaven	2013-08-13 - Bremerhaven	Röttgen, R.
Heincke	HE406	BSH-D0130185	2013-07-16 - Bremerhaven	2013-07-25 - Bremerhaven	Kasten, S.
Heincke	HE405	BSH-D0130184	2013-06-27 - Bremerhaven	2013-07-13 - Bremerhaven	Kiel, H.
Heincke	HE404	BSH-D0130228	2013-06-20 - Bremerhaven	2013-06-25 - Bremerhaven	Koch, B.
Heincke	HE402	BSH-D0130182	2013-06-09 - Helgoland	2013-06-17 - Bremerhaven	Gloe, D.
Polarstern	ANT-XXXI/6	PS81	2013-06-08 - Cape Town	2013-08-12 - Punta Arenas	Lenke, T.
Heincke	HE401	BSH-D0130181	2013-06-27 - Bremerhaven	2013-06-29 - Helgoland	Gloe, D.

Role (chief scientist, PI, participant)

Repositories 2020: the must haves



- Author **disambiguation**: ORCIDs
- **Contextual information** (projects, interests, social networks, data, expeditions, samples, etc) and **relationships**
- Comfortable **discovery**, **ingest** and **share**: faceted search, import from CrossRef and DataCite services, BibTeX, DropBox, follow/followers
- **Pre-DOIs** (i.e.: sensible submission workflows)
- Flexible **reporting** solutions

Roadmap



- EPIC
- Lessons learned
- **Vision**

Personal Info



ORCID
Registry, update
authentication

Publications



Data, SW



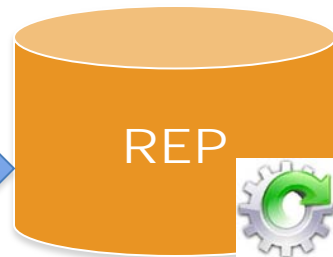
Projects



Campaigns



Helmholtz
staff



- + core services
- + ontology engineering
- + reporting



„REP“ trusted by
ORCID

