

# Manual for Depositors

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[epic.awi.de](http://epic.awi.de)

Questions?  
[epic@awi.de](mailto:epic@awi.de)



Download this manual at:

[Intranet](#) > [Home](#) > [Dienste](#) > [Publikationen & Primärdaten](#) > ePIC

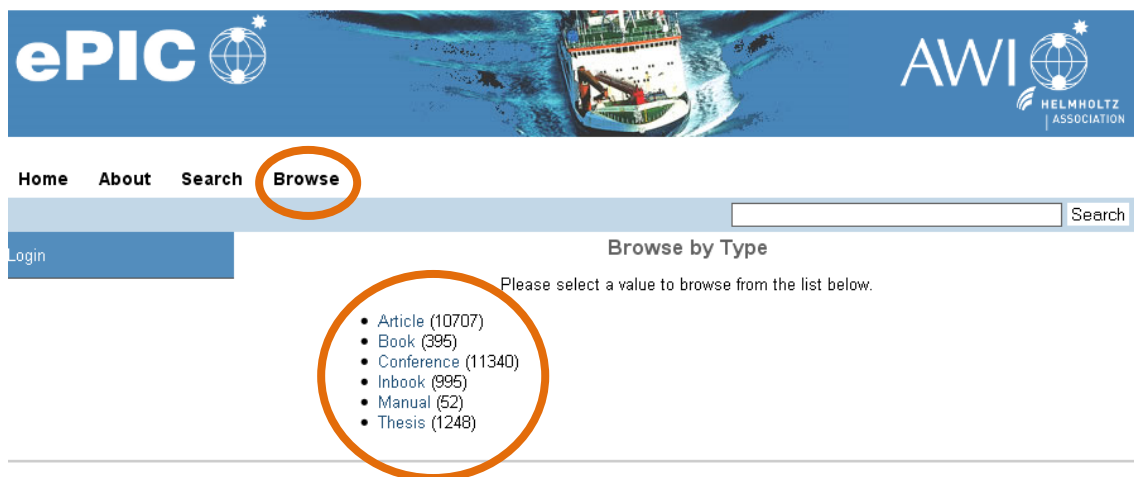
**INHALT**

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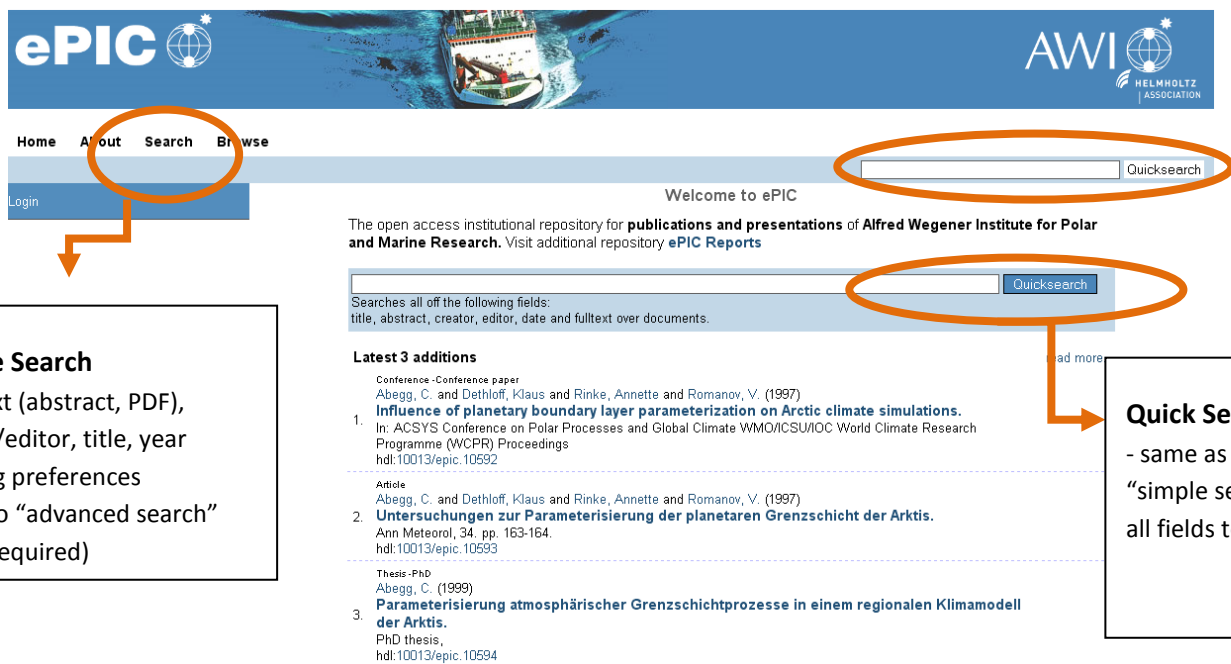
## 1. BROWSE AND SEARCH

ePIC supports browse by year, author, platform, division, research program and type. Only publications/presentations which have already been reviewed by ePIC editors and released to the repository (status “Live Archive”) are listed under “Browse”.

If you select “Browse by Type”, you will see all the main document types supported by ePIC as show below:



ePIC offers 2 types of search for users who are not logged in: “Quick Search” and “Simple search”. In the “Quick Search”, the search is performed in the fields author, title, year, abstract and fulltext simultaneously. In the “Simple Search” the user can individually specify in which field to search.



Advanced search can be found under simple search and is restricted to logged in users (AWI staff with valid username/password). It offers additional search parameters.

**Simple Search**

[Click here for an advanced search](#)

---

**Item:** all of

**Title:** all of

**Creators:** all of

**Date:**

**Retrieved records must fulfill:** all of these conditions

**Order the results:** by year (most recent first)

**Advance search**  
Only for AWI staff  
(login required)

Only items with workflow status **“Live Archive”** are listed under **Search** and **Browse**

## 2. EXPORT

Browse or search results can be exported in various formats as shown below. You will be prompted with an “Export” dialog in which you can select the wished export format. Note that the browse and search results also display links to the PDF and associated data in PANGAEA.

Export as

- ASCII Citation
- BibTeX
- EP3 XML
- EndNote
- HTML Citation
- PdfExport

Group by: **Item Type** | No Grouping

Jump to: Article | Conference | Inbook | Manual | Thesis

Number of items: **282**.

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**Article**

**Article**  
Krause, Reinhard and Grobe, Hannes and Sieger, Rainer (2010)  
**International Polar Year 1882-1883 - the digitized meteorological data legacy.**  
WDC-MARE Reports, 0008. hdl:10881/epic.34148

**Article**  
Grobe, Hannes and Diepenbroek, Michael (2010)  
**Kooperation zwischen PANGAEA und ScienceDirect.**  
Helmholtz Open Access Newsletter vom 02.03.2010.. hdl:10881/epic.35697

**Article**  
Hillenbrand, C.-D. and Larter, R.D. and Dowdeswell, J.A. and Ehrmann, W. and Ó Cofaigh, C. and Benetti, S. and Grobe, H. and ... and Grobe, Hannes (2010)  
**The sedimentary legacy of a palaeo-ice stream on the shelf of the southern Bellingshausen Sea: Clues to West Antarctic glacial history during the Late Quaternary.**  
Quaternary Science Reviews-20, 29 (19). pp. 2741-2763. doi:10.1016/j.quascirev.2010.06.009 ; hdl:10881/epic.35748

**Article**  
Hillenbrand, C.-D. and Ehrmann, W. and Larter, R.D. and Benetti, S. and Dowdeswell, J.A. and Ó Cofaigh, C.O. and Graham, A.G.C. and Grobe, Hannes (2009)  
**Clay mineral provenance of sediments in the southern Bellingshausen Sea reveals drainage changes of the West Antarctic Ice Sheet during the Late Quaternary.**  
Marine Geology-2, 265 (1). pp. 1-18. doi:10.1016/j.margeo.2009.06.009 ; hdl:10881/epic.33041

**Article**  
Grobe, Hannes (2008)  
**Bremer Forschungseinrichtungen werden für die Datenbibliothek PANGAEA® mit einem internationalen Preis für Informationstechnologie geehrt.**  
Pressemitteilung AWI.. hdl:10881/epic.36561









### 3. SUMMARY PAGE

By clicking on the title of any given publication, a summary page on the publication item you selected will be displayed in which all information available on the item will be displayed. Note that you may also want to click on the author names to see all publications for which he/she is an author (or editor for type “Books”). In addition to bibliographic information, document files (PDFs, ZIP), supplementary information (PANGAEA data, platform/campaign information), abstract, division and program units are also displayed.

 **Make sure you enter the DOI correctly otherwise we will not be able to link your publication item to PANGAEA data.**

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#### The sedimentary legacy of a palaeo-ice stream on the shelf of the southern Bellingshausen Sea: Clues to West Antarctic glacial history during the Late Quaternary

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#### General Information:

**Citation:**

Hillenbrand, C.-D. and Larter, R.D. and Dowdeswell, J.A. and Ehrmann, W. and Ó Cofaigh, C. and Benetti, S. and Graham, A.G.C. and Grobe, Hannes (2010) The sedimentary legacy of a palaeo-ice stream on the shelf of the southern Bellingshausen Sea: Clues to West Antarctic glacial history during the Late Quaternary. *Quaternary Science Reviews*-20, 29 (19). pp. 2741-2763. doi: 10.1016/j.quascirev.2010.06.028

**Cite this page as:**

hdl:10881/epic.35748

**DOI:**

10.1016/j.quascirev.2010.06.028

**Official URL:**

<http://dx.doi.org/10.1016/j.quascirev.2010.06.028>

**Contact Email:**

Hannes.Grobe@awi.de

#### Download:



PDF (Fulltext)  
Download (3623Kb)

**Cite this document as:**

hdl:10881/epic.35748.d001

#### Supplementary Information:



**Campaigns:**

- ANT-XI/3

## 4. MANAGE ITEMS

Once you are logged in with your AWI username/password, you will be able to create new items (use either the “New Item” or the “Import” buttons) or edit existing ones (displayed in the table form).

### 4.1. Edit items

Before you get started, you should keep in mind that we have migrated all publication/presentation items found in former ePIC into the new framework. Only “**published**” items were assigned the status “**Live Archive**” (= can be seen without log-in). Items with former status values “proposed”, “submitted” and “in press” were assigned the workflow status “Depositor Workarea” (= can only be seen only with log-in).

In the new ePIC software, every item must be assigned a **depositor** (see “Overview” document, section 5). During migration, we have used the name of the person under “Contact email” as depositor (for scientists who are no longer at AWI, the “Publicationsbeauftragter” was used).

When you log in, you will see a table with 5 columns showing the last 10 items you deposited (you may choose additional parameters as columns by clicking on “additional column” button; you may also delete or move columns to the right/left; see below) . Items are by default ordered according to modification date but you may also order them according to title, item type or any other parameter by simply clicking on the field.

Home About Search Browse

Logged in as Ana Macario  
Manage deposits  
Logout

Manage deposits

Help

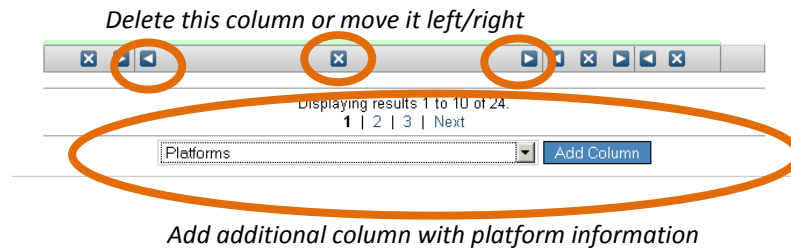
New Item

Import from DOI (via CrossRef) Import


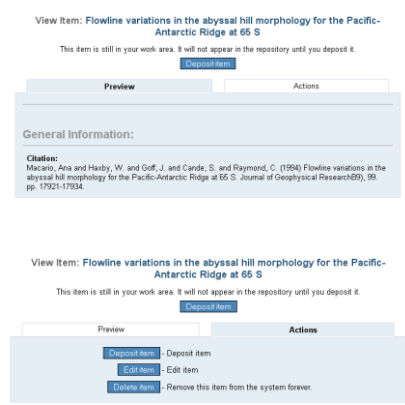

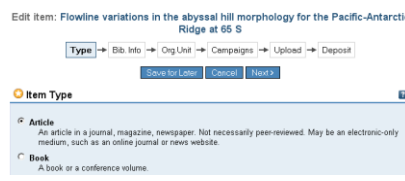


Displaying results 1 to 10 of 16.  
1 1 2 1 Next

User Workarea.  Under Review.  Live Archive.  Retired.

Last Modified	Title	Item Status	Item Type	
20 Sep 2011 14:17	On the robustness of elastic thickness estimates using the coherence method.	User Workarea	Article	
20 Sep 2011 14:00	Flowline variations in the abyssal hill morphology for the Pacific-Antarctic Ridge at 65 S	User Workarea	Article	
20 Sep 2011 14:00	Konzept für eine Sedimentakustische Datenbank des Zentrums für marine Umweltforschung, Bremen (MARUM)	User Workarea	Article	



At this point, you will learn to identify the following symbols:

 <p><b>View an item</b> You will get a “preview” of the item or have the option to jump into wished “Actions” (edit, delete or deposit; these options may also be accessed by clicking directly on the respective symbols)</p>	
 <p><b>Edit an item</b></p>	
 <p><b>Deposit an item</b> Move it to next workflow status “Under Review”</p>	
 <p><b>Delete an item</b></p>	

When you examine the publication items, you will realize that we kept all the fields already known in the former ePIC software. Be aware that the field “journal/conference title” may contain errors as during migration it had to be split into various sub-fields (in order to fit the new ePIC software; publication “source” was originally saved as one single field in varying citation styles in former ePIC).

As already mentioned in the “Overview” documents under polices, it is particular relevant that:

1. **DOIs** are assigned to all ISI articles as these are necessary for linking with PANGAEA data
2. **E-mail** and **username** of AWI authors are entered as these are necessary for the personal homepages, email notifications and citation impact analysis.

**Edit item: Flowline variations in the abyssal hill morphology for the Pacific-Antarctic Ridge at 65 S**



★ **Title** ?

Flowline variations in the abyssal hill morphology for the Pacific-Antarctic Ridge at 65 S

**URIs**

DOI:  ?

Official URL:  ?

★ **Authors** ?

	Family Name	Given Name / Initials	Email	UID (i.e. hmeyer)	
1.	Macario	Ana	Ana.Macario@awi.de	amacario	? ▼ ▲
2.	Haxby	William			▼ ▲
3.	Goff	John			▼ ▲
4.	Cande	Steven			▼ ▲
5.	Raymond	Carol			▼ ▲
6.					▼ ▲
7.					▼ ▲

Following the new regulation on publication status (read item 2 in “Overview” document), we have assigned new values for publication status as follows:

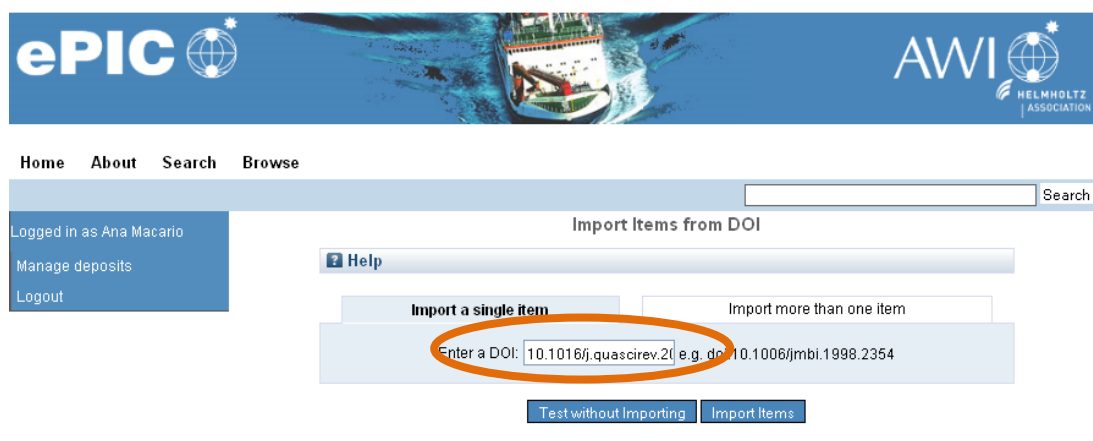


Proposed	⇒	<i>N/A</i>
Submitted	⇒	<i>N/A</i>
In press	⇒	<i>Accepted</i>
Published	⇒	<i>Published</i>

## 4.2. Create new items

### “Bib. Info” button

For peer-reviewed publications (in particular ISI publications), you may want to use the “**Import items**” button, which will prompt you with a text field for single or multiple DOIs. This option uses CrossRef<sup>1</sup> services to import all bibliographic information associated with the entered DOI(s) directly into ePIC.



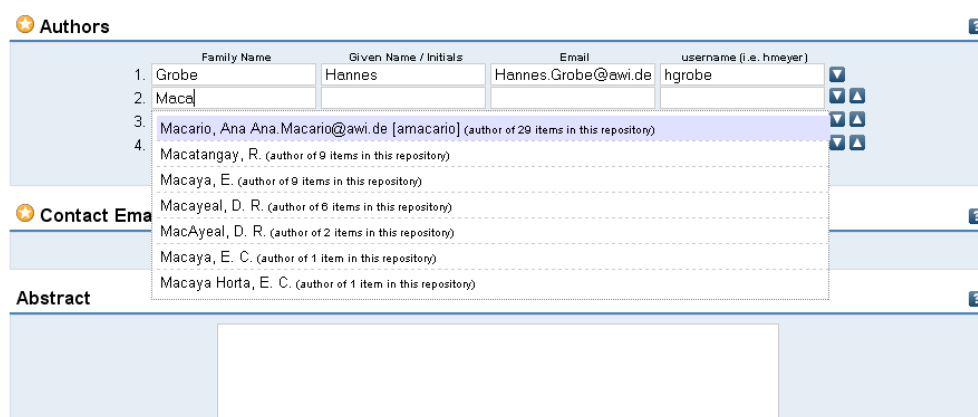
For peer-reviewed publications without DOI or not peer-reviewed publications (and presentations), you will need to fill out all bibliographic fields manually.

<sup>1</sup> CrossRef is an independent association which offers a series of technical services related to resolution of DOIs and extraction of metadata fields.

Regardless whether you use the “**Import Items**” button or manually enter the bibliographic fields, you need to make sure that the **email** and **username** for all AWI authors are correctly assigned as well as the **peer-revision** (ISI or not) and **publication status** (N/A, Accepted and Published).

In order to give you assistance in the bibliographic fields, ePIC offers auto-completion for the following fields:

- Title (also as a means to avoid duplicates)
- Author/Editor (as support for email and username fields for AWI authors)
- Contact email (by default the depositor email is entered)
- Journal titles and respective ISSN



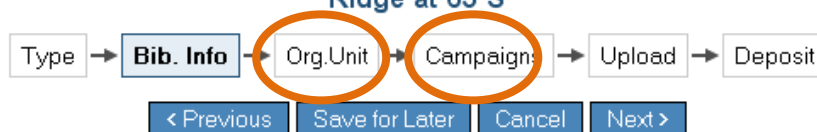
The screenshot shows the 'Authors' section of the ePIC interface. It features a table with columns for 'Family Name', 'Given Name / Initials', 'Email', and 'username (i.e. hmeier)'. The first row is filled with 'Grobe', 'Hannes', 'Hannes.Grobe@awi.de', and 'hgrobe'. The second row is partially filled with 'Maca'. A dropdown menu is open below the second row, listing several authors with their email addresses and the number of items they have in the repository. The authors listed are: Macario, Ana Ana (29 items), Macatangay, R. (9 items), Macaya, E. (9 items), Macayéal, D. R. (6 items), MacAyeal, D. R. (2 items), Macaya, E. C. (1 item), and Macaya Horta, E. C. (1 item). Below the 'Authors' section, there are sections for 'Contact Email' and 'Abstract', each with a search icon.

	Family Name	Given Name / Initials	Email	username (i.e. hmeier)
1.	Grobe	Hannes	Hannes.Grobe@awi.de	hgrobe
2.	Maca			
3.	Macario, Ana Ana.Macario@awi.de [amacario] (author of 29 items in this repository)			
4.	Macatangay, R. (author of 9 items in this repository)			
	Macaya, E. (author of 9 items in this repository)			
	Macayéal, D. R. (author of 6 items in this repository)			
	MacAyeal, D. R. (author of 2 items in this repository)			
	Macaya, E. C. (author of 1 item in this repository)			
	Macaya Horta, E. C. (author of 1 item in this repository)			

### “Org. Unit” and “Campaign” buttons

As mentioned in the “Overview” document under ePIC policies, you are also required to provide information on division/program and platform/campaign. Make sure that at least one division/program unit has been selected (click on ADD and REMOVE to select and unselect values). In case your publication is independent from research program or written while not at AWI (e.g., during sabbatical, as post-doctoral scientist), use the “**N/A**” button.

Edit item: Flowline variations in the abyssal hill morphology for the Pacific-Antarctic Ridge at 65 S



**Title** ?

Flowline variations in the abyssal hill morphology for the Pacific-Antarctic Ridge at 65 S

When selecting Campaign, make sure you assign correctly both “Platform” and “Campaign” information. If your publication is not related to any of the AWI-operated research platforms listed, please select “N/A”. In case you have selected R.V. Polarstern as platform, make sure you enter the campaigns (either under “ANT” or “ARK”). For R.V. Heincke, you should use campaigns under “HE”.

Edit item: Article #24908

Type → Org.Unit → **Campaigns** → Upload → More Details → Deposit

< Previous Save for Later Cancel Next >

### Platforms ?

Remove Polarstern

Nach Subjects suchen:  Search Clear

- + Aircrafts
- + Other types
- + Research Vessels
- + Stations
- Add N/A

### Campaigns ?

Search for campaigns:  Search Clear

- + ANT
- + ARK
- + HE
- Add N/A

< Previous Save for Later Cancel Next >

### “Upload” button

With this button you will be asked to upload file(s) related to your publication item. ePIC allows only PDF format for documents and ZIP format for other files (e.g. for archiving of software, supplementary tables, appendices, etc).

Before uploading your document, make sure you have read and understood the ***publisher copyrights*** over your work.

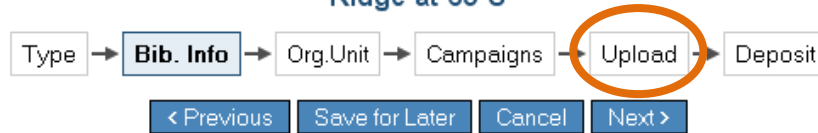
The SHERPA/RoMEO<sup>2</sup> services may assist you in deciding whether you are allowed to upload the publisher copy in our institutional repository. In case you need further assistance, contact AWI librarians via email (pub-bib@awi.de).

In case you are not allowed to upload the final publisher document, we encourage you to upload the post-print version of your work instead. Please keep in mind that only with a ***post-print***<sup>3</sup>, your scientific work can be disseminated among colleagues in less privileged institutes/organizations.

<sup>2</sup> Visit <http://www.sherpa.ac.uk/romeo/>

<sup>3</sup> More details under <http://www.sherpa.ac.uk/romeoinfo.html>

Edit item: **Flowline variations in the abyssal hill morphology for the Pacific-Antarctic Ridge at 65 S**



 **Title** 

Flowline variations in the abyssal hill morphology for the Pacific-Antarctic Ridge at 65 S

Edit item: **Flowline variations in the abyssal hill morphology for the Pacific-Antarctic Ridge at 65 S**



**Upload a document**


**The upload of PDF documents associated with AWI publications and presentations is strongly recommended. If a publisher copyright and archiving conflict exists (use [SHERPA RoMEO](#) to verify publisher policies), we encourage you to use the post-print version**

To upload a document to ePIC, click the Browse button below to select the file and then the Upload button. You may choose to add supplementary information to this items (another PDF or ZIP file with relevant information, software, etc).

**File**

New document:

**“Deposit” button**

Once you have completed all fields above and are ready to deposit your publication into the archive, simply click on “Deposit” (or under symbol ).

Your publication item will remain in the “Depositor Work Area” if you click on the **“Save for Later”** button so that you will be able to continue editing it at any later point in time.

Logged in as Ana Macario  
 Manage deposits  
 Logout

Search

### Manage deposits



[Help](#)


[New Item](#)

Import from DOI (via CrossRef) [Import](#)

Displaying results 1 to 10 of 16.  
 1 | 2 | Next

User Workarea.  Under Review.  Live Archive.  Retired.

Last Modified	Title	Item Status	Item Type	
21 Sep 2011 20:36	On the robustness of elastic thickness estimates using the coherence method.	Under Review	Article	
20 Sep 2011 14:00	Flowline variations in the abyssal hill morphology for the Pacific-Antarctic Ridge at 65 S	User Workarea	Article	

Once a publication has been deposited, it will be moved to the next workflow status, **“Under Review”**. You will not be able to edit this item any longer because it’s now under editorial revision . However, by clicking on  , you are able to request your publication to be returned to the “Depositor Work Area” for further editing purposes (select “Editorial Actions” first ).

Logged in as Ana Macario  
 Manage deposits  
 Logout

Search

### View Item: On the robustness of elastic thickness estimates using the coherence method.

This item is in review. It will not appear in the repository until it has been checked by an editor.

Preview
Actions
**Editorial Actions**

[Return to Work Area](#)
 Return to user work area, allowing the user to make changes to it and re-deposit it.

Alternatively, you may request your publication to be deleted (select “Actions” first)

Logged in as Ana Macario  
 Manage deposits  
 Logout

Search

### View Item: On the robustness of elastic thickness estimates using the coherence method.

This item is in review. It will not appear in the repository until it has been checked by an editor.

Preview
**Actions**
Editorial Actions

[Request deletion](#)
 Request that this item is removed from the repository.

## 5. "LIVE ARCHIVE"

After getting your publication item "Under Revision", the ePIC editor may choose to return it to "Depositor Work Area" for improvements or delete it (e.g., case of duplicate). In both scenarios, you will get an email notification. In general, however, the editor will most likely do the necessary editing him/herself and move your publication to the next workflow status "Live Archive". At this point your publication and its associated files will get unique persistent identifiers (a handle for the abstract page and handle for each file). In addition, email notifications will be sent to depositor and all AWI (co)authors.

**Manage deposits**

[? Help](#)


[New Item](#)

Import from  [Import](#)

Displaying results 1 to 10 of 24.  
1 | 2 | 3 | Next

User Workarea.  Under Review.  Live Archive.  Retired.

Last Modified	Title	Item Status	Item Type
06 Sep 2011 18:02	On the robustness of elastic thickness estimates using the coherence method.	Live Archive	Article

If you click on , you will be able to request the editor to remove your publication from ePIC by clicking on "Request Deletion" button (select "Actions" first). You may additionally export the selected item in various formats.

**View Item: On the robustness of elastic thickness estimates using the coherence method.**

This item is in the repository with the URL  
<http://eprints.awi.de/3518/>

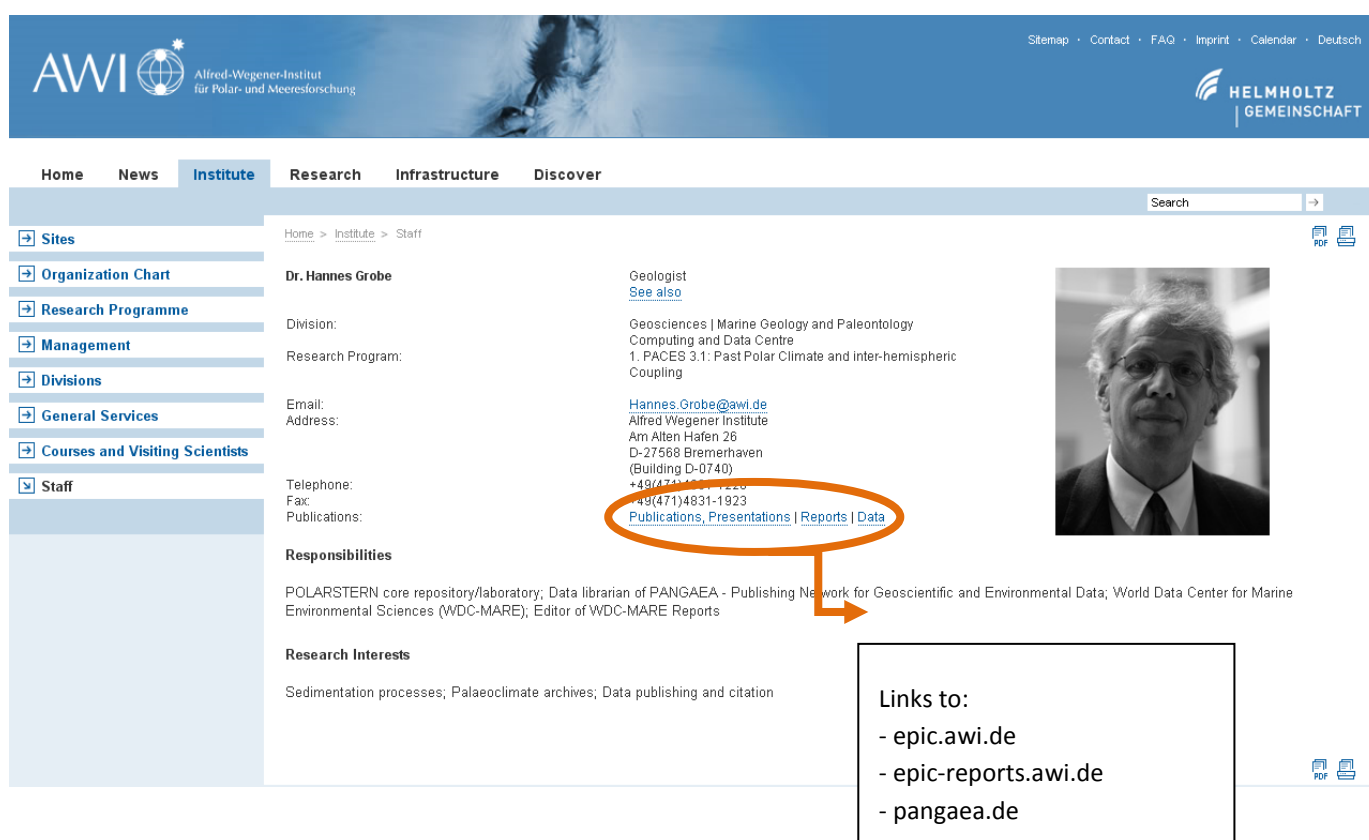
[Preview](#)    [Actions](#)    [Export](#)

[Request deletion](#) - Request that this item is removed from the repository.

Only publication items in status **“Live Archive”** are listed under **“Browse”** and **“Search”**. These are additionally displayed in **personal homepages**, **www.awi.de** and **pangaea.de**.

Examples:

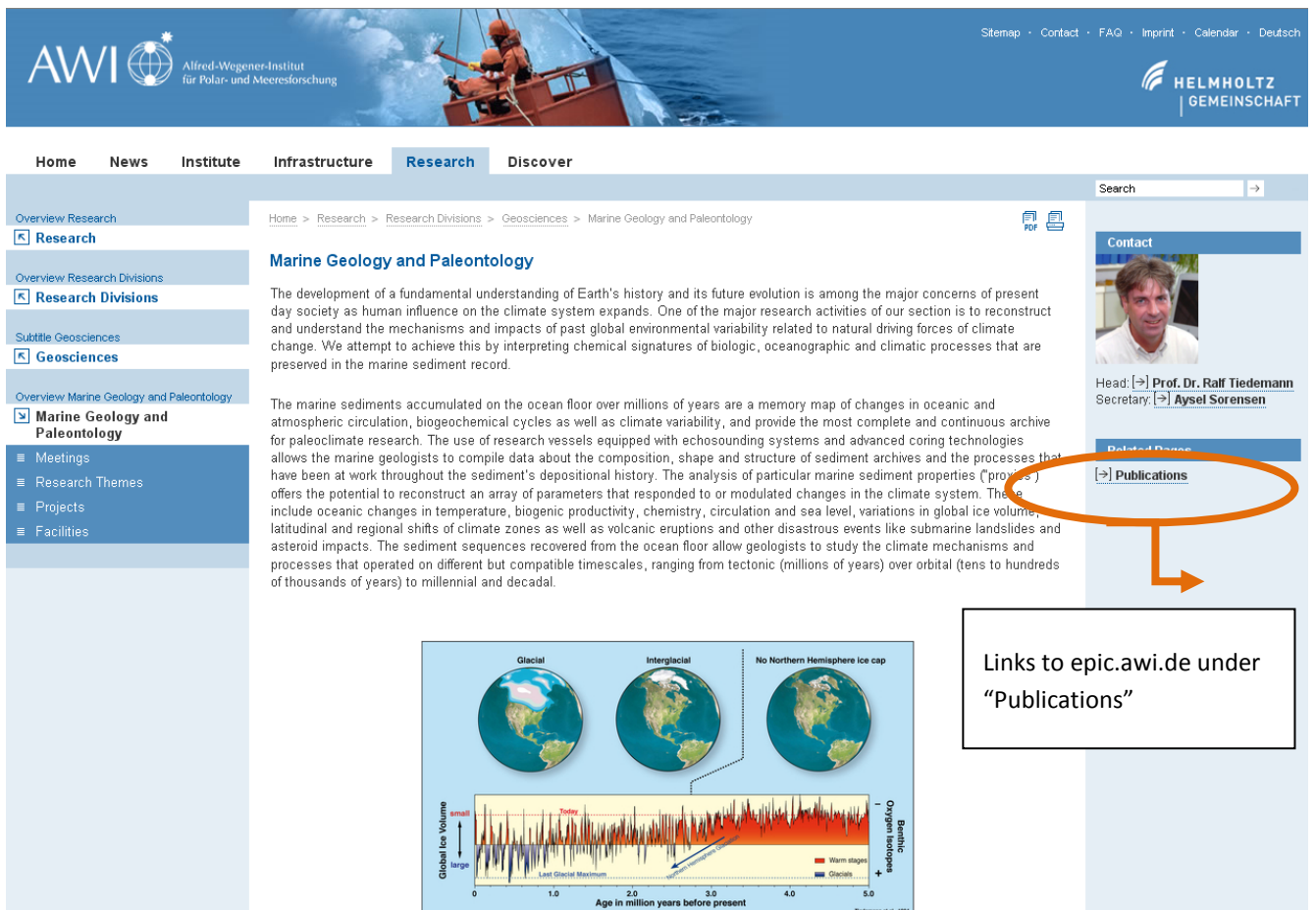
## Personal Homepages at www.awi.de



The screenshot shows the personal homepage of Dr. Hannes Grobe on the AWI website. The page layout includes a top navigation bar with 'Home', 'News', 'Institute', 'Research', 'Infrastructure', and 'Discover'. A search bar is located on the right. A left sidebar contains various site navigation links such as 'Sites', 'Organization Chart', 'Research Programme', 'Management', 'Divisions', 'General Services', 'Courses and Visiting Scientists', and 'Staff'. The main content area features a breadcrumb trail 'Home > Institute > Staff' and a profile for Dr. Hannes Grobe. His profile includes his title 'Geologist', a 'See also' link, his division 'Geosciences | Marine Geology and Paleontology Computing and Data Centre', and his research program '1. PACES 3.1: Past Polar Climate and inter-hemispheric Coupling'. Contact information such as email, address, telephone, and fax is provided. A list of links for 'Publications, Presentations | Reports | Data' is circled in orange, with an arrow pointing to a box containing the following links: epic.awi.de, epic-reports.awi.de, and pangaea.de.



## Division pages at www.awi.de



**AWI** Alfred-Wegener-Institut für Polar- und Meeresforschung

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Overview Research  
**Research**  
 Overview Research Divisions  
**Research Divisions**  
 Subtitle Geosciences  
**Geosciences**  
 Overview Marine Geology and Paleontology  
**Marine Geology and Paleontology**  
 Meetings  
 Research Themes  
 Projects  
 Facilities

Home > Research > Research Divisions > Geosciences > Marine Geology and Paleontology

### Marine Geology and Paleontology

The development of a fundamental understanding of Earth's history and its future evolution is among the major concerns of present day society as human influence on the climate system expands. One of the major research activities of our section is to reconstruct and understand the mechanisms and impacts of past global environmental variability related to natural driving forces of climate change. We attempt to achieve this by interpreting chemical signatures of biologic, oceanographic and climatic processes that are preserved in the marine sediment record.

The marine sediments accumulated on the ocean floor over millions of years are a memory map of changes in oceanic and atmospheric circulation, biogeochemical cycles as well as climate variability, and provide the most complete and continuous archive for paleoclimate research. The use of research vessels equipped with echosounding systems and advanced coring technologies allows the marine geologists to compile data about the composition, shape and structure of sediment archives and the processes that have been at work throughout the sediment's depositional history. The analysis of particular marine sediment properties ("proxies") offers the potential to reconstruct an array of parameters that responded to or modulated changes in the climate system. These include oceanic changes in temperature, biogenic productivity, chemistry, circulation and sea level, variations in global ice volume, latitudinal and regional shifts of climate zones as well as volcanic eruptions and other disastrous events like submarine landslides and asteroid impacts. The sediment sequences recovered from the ocean floor allow geologists to study the climate mechanisms and processes that operated on different but compatible timescales, ranging from tectonic (millions of years) over orbital (tens to hundreds of thousands of years) to millennial and decadal.

Global ice volume and benthic foraminifera isotopes over the last 5 million years. The x-axis shows Age in million years before present (0 to 5.0). The y-axis shows Global ice volume (small to large) and Benthic foraminifera isotopes (Warm stages to Glacials). Three Earth globes illustrate Glacial, Interglacial, and No Northern Hemisphere ice cap conditions. A red line indicates the Last Glacial Maximum. Source: Tiedemann et al., 1994.

Contact  
 Head: [→] Prof. Dr. Ralf Tiedemann  
 Secretary: [→] Aysel Sorensen

Related Pages  
 [→] Publications

Links to epic.awi.de under "Publications"

## PANGAEA pages

### a) DOI as “Supplement to” for a peer-reviewed publication



**PANGAEA®**  
Data Publisher for Earth & Environmental Science

Not logged in ([log in](#) or [sign up](#))

Always quote citation when using data!

#### Data Description

[Show Map](#) [Google Earth](#) [RIS](#) [BibTeX](#)

**Citation:** Hillenbrand, C-D et al. (2010): Sedimentology of the southern Bellingshausen Sea. doi:10.1594/PANGAEA.742532,  
*Supplement to: Hillenbrand, Claus-Dieter; Larter, Robert D; Dowdeswell, Julian A; Ehrmann, Werner U; O'Coifagh, Colm; Benetti, Sara; Graham, Alastair G C; Grobe, Hannes (2010): The sedimentary legacy of a palaeo-ice stream on the shelf of the southern Bellingshausen Sea: Clues to West Antarctic glacial history during the Late Quaternary. *Quaternary Science Reviews*, 29, 2741-2763, doi:10.1016/j.quascirev.2010.06.028*

**Abstract:** A major trough ('Belgica Trough') eroded by a palaeo-ice stream crosses the continental shelf of the southern Bellingshausen Sea (West Antarctica) and is associated with a trough mouth fan ('Belgica TMF') on the adjacent continental slope. Previous marine geophysical and geological studies investigated the bathymetry and geomorphology of Belgica Trough and Belgica TMF, erosional and depositional processes associated with bedform formation, and the temporal and spatial changes in clay mineral provenance of subglacial and glaciomarine sediments.

Here we present multi-beam data from sediment cores recovered from the shelf and



### b) ePIC- Handle as “Supplement to” for a not peer-reviewed publication



**PANGAEA®**  
Data Publisher for Earth & Environmental Science

Not logged in ([log in](#) or [sign up](#))

Always quote citation when using data!

#### Data Description

[Show Map](#) [Google Earth](#) [RIS](#) [BibTeX](#)

**Citation:** Herrmann, M (2009): Population structure, growth and production of the surf clam *Donax hanleyanus* (Bivalvia: Donacidae) from northern Argentinean beaches. doi: 10.1594/PANGAEA.690503,  
*Supplement to: Herrmann, Marko (2009): Population dynamics of the surf clams *Donax hanleyanus* and *Mesodesma mactroides* from open-Atlantic beaches off Argentina (Populationsdynamik der Brandungsmuscheln *Donax hanleyanus* und *Mesodesma mactroides* an offenen Atlantikstränden Argentiniens). *Berichte zur Polar- und Meeresforschung (Reports on Polar and Marine Research)*, 585, 235 pp, hdl:10013/epic.31939*

**Abstract:** The surf clams *Mesodesma mactroides* Reuss, 1854 and *Donax hanleyanus* Philippi, 1847 are the two dominating species in macrobenthic communities of sandy beaches on northern Argentina, with the latter now surpassing *M. mactroides* populations in abundance and biomass. Before stock decimation caused by exploitation (during the 1940s and 1950s) and mass mortality events (1995, 1999 and 2007) *M. mactroides* was the prominent primary consumer in the intertidal ecosystem and an important economic resource in Argentina. Since *D. hanleyanus* was not commercially fished and not affected by mass mortality events, it took over as the dominant species, but did never reach the former abundance of *M. mactroides*. Currently abundance and biomass of both surf clams are a multiple smaller than those of forty years ago, indicating the conservation status of *D. hanleyanus* and *M. mactroides* as endangered. Therefore the aim of this study is to analyse the population dynamics (population structure, growth and reproductive biology) of *D. hanleyanus* and *M. mactroides*, and to compare the results with historical data in order to detect possible differences within surf clam populations forty years ago and at present.

**Coverage:** *Median Latitude:* -31.225897 \* *Median Longitude:* -48.539239 \* *South-bound Latitude:* -37.483333 \* *West-bound Longitude:* -78.883300 \* *North-bound Latitude:* 51.683300 \* *East-bound Longitude:* 151.000000

*Date/Time Start:* 2004-12-15T00:00:00 \* *Date/Time End:* 2006-12-15T00:00:00

