



Open Access Publications of the European Geosciences Union (EGU) with examples from Climate of the Past

Facts, Innovative Approaches, Dissemination

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Paris

couperin.org

Consortium Unifié des Établissements Universitaires et
de Recherche pour l'Accès aux Publications Numériques



The European Geosciences Union

- Merger of the European Geophysical Society (EGS) and the European Union of Geosciences (EUG), founded in 2002
- Dynamic, innovative, and interdisciplinary learned association
- Devoted to the promotion of the sciences of the Earth and its environment and of planetary and space sciences

Facts

- 11,167 Participants from 95 countries in its 2013 General Assembly (largest European Geosciences conference, 2nd in the world)
- 5,550 Paid-up Members (2011), and +11,000 (stand 20.10.2011) EGU members including complementary memberships
- 22 Divisions
- 16 Open Access Journals

Signatory of the Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities 2003



The “Mainz All-In-One Model” for OA Publishing in Sciences

From A. Richter in Short History of Interactiv open Access Publishing, 2011

we developed our own internet-based software for the meeting and for the editorial support offices, respectively. By 2000 we were also able to typeset, to layout and to print our own journals in different styles and manners.

At the end of the 1990s three major concepts were discussed regarding the advancements in the publication of our scientific journals:

1. While all publications were still in the classical style and on paper, we experienced to extend our software to include a publication of all articles also directly on the internet – even in an easy-to-read, one-column, landscape format – to be downloaded directly on the PC. And right from the beginning it was ar-

gued that the internet must be free of charge for reading and downloading of manuscripts.

2. In parallel it was suggested that the classical way of publishing final articles hard and fast should be replaced by an open forum of outright discussions in which everyone should be able to take part.
3. Finally, it was proposed that the classical blind and anonymous way of review – occasionally even by the same pre-selected yet anonymous referees – should be replaced by an open and eponymous review procedure, even by including the public.

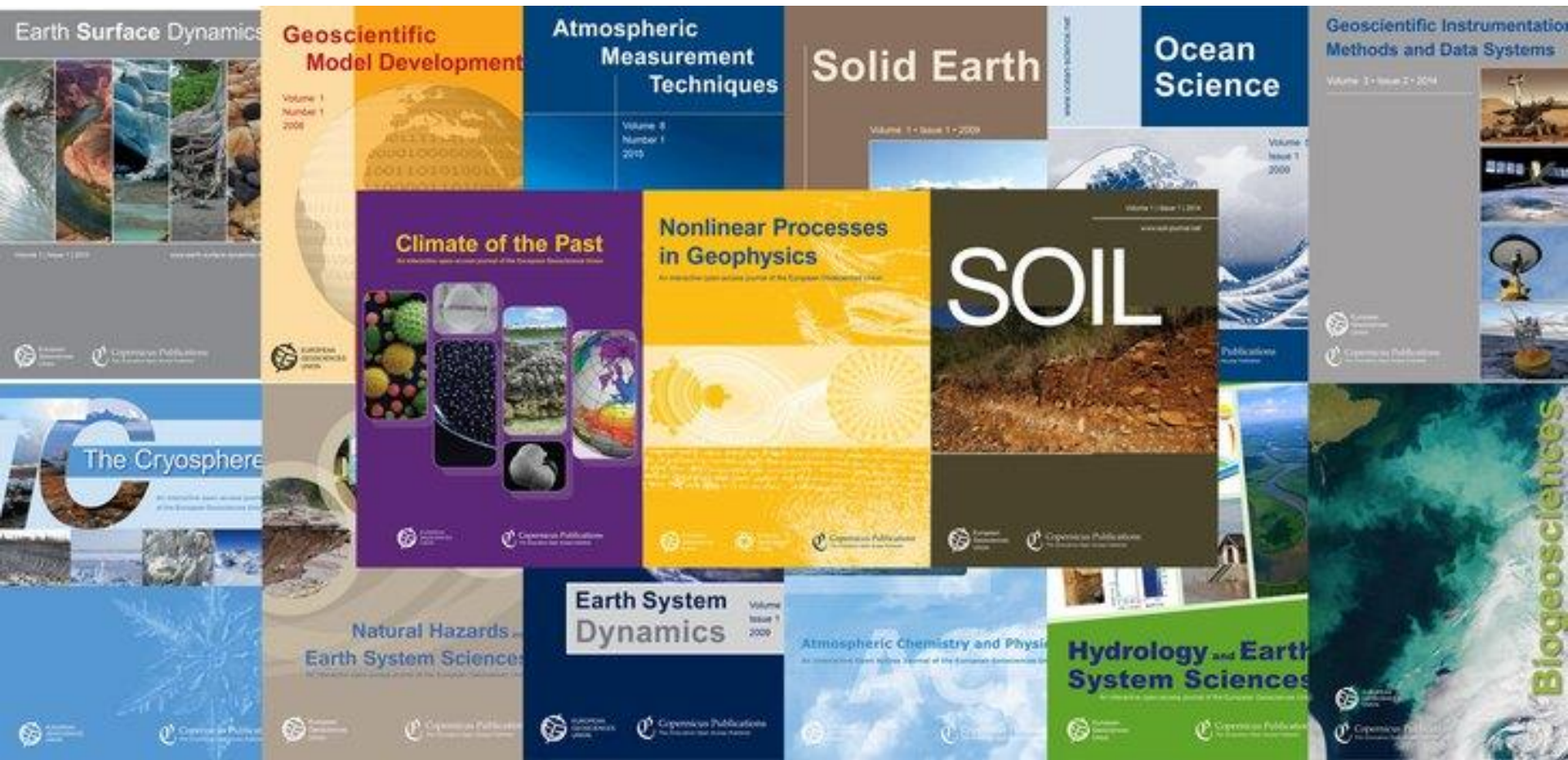
In 2000 several meetings took place at the Max Planck Institute for Chemistry in Mainz, Germany, by invitation of Paul Crutzen and Ulrich Pöschl together with



Arne Richter, EGU Executive Secretary
2002-2009
Copernicus Managing Director 1988-2007



Journals & Subject Areas



Interactive journal covers samples by Copernicus



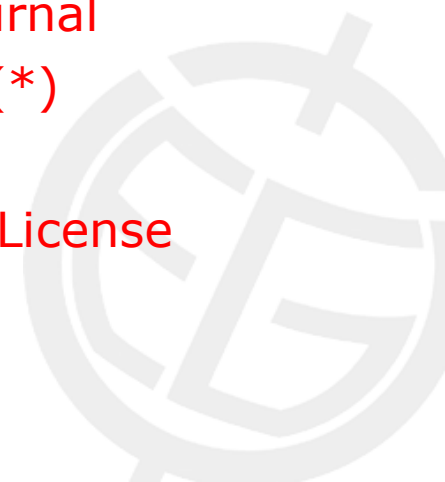


Mission Statement for Publications

“Dedicated to the pursuit of excellence and free and universal accessibility of scientific publications in all areas of geosciences and planetary and solar system sciences for the benefit of the scientists worldwide.”

Publication Strategy

- Rigorous Peer-Review – at least 2 independent referees
- Immediate Open Access to all articles of all journals
- Page charge waiver for the first 3 years of a journal
- Moderate page charges for authors afterwards (*)
- No extra charges for color illustrations etc.
- Author copyright under the Creative Commons License





Publication Facts

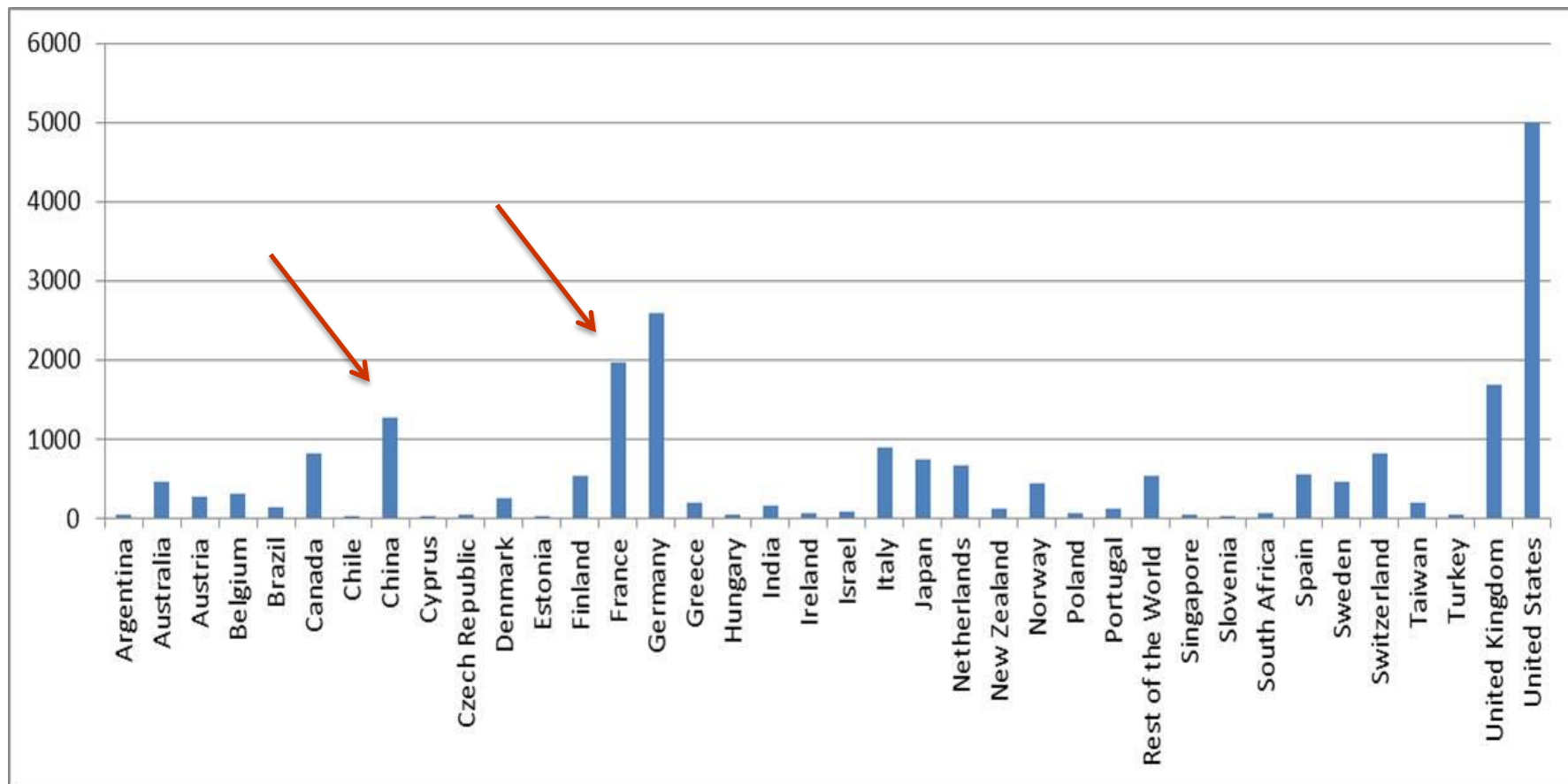
- 160,954 published pages in 2013 (95,886 in 2010)
- 6,098 Published papers in 2013 (3,085 in 2010)
- 17,981 authors from 123 countries in 2013 (76 in 2010)
- 840 Editors in 2013

All journals are published by Copernicus Publications, a member of the not-for-profit organization Copernicus Gesellschaft, on behalf of the European Geosciences Union





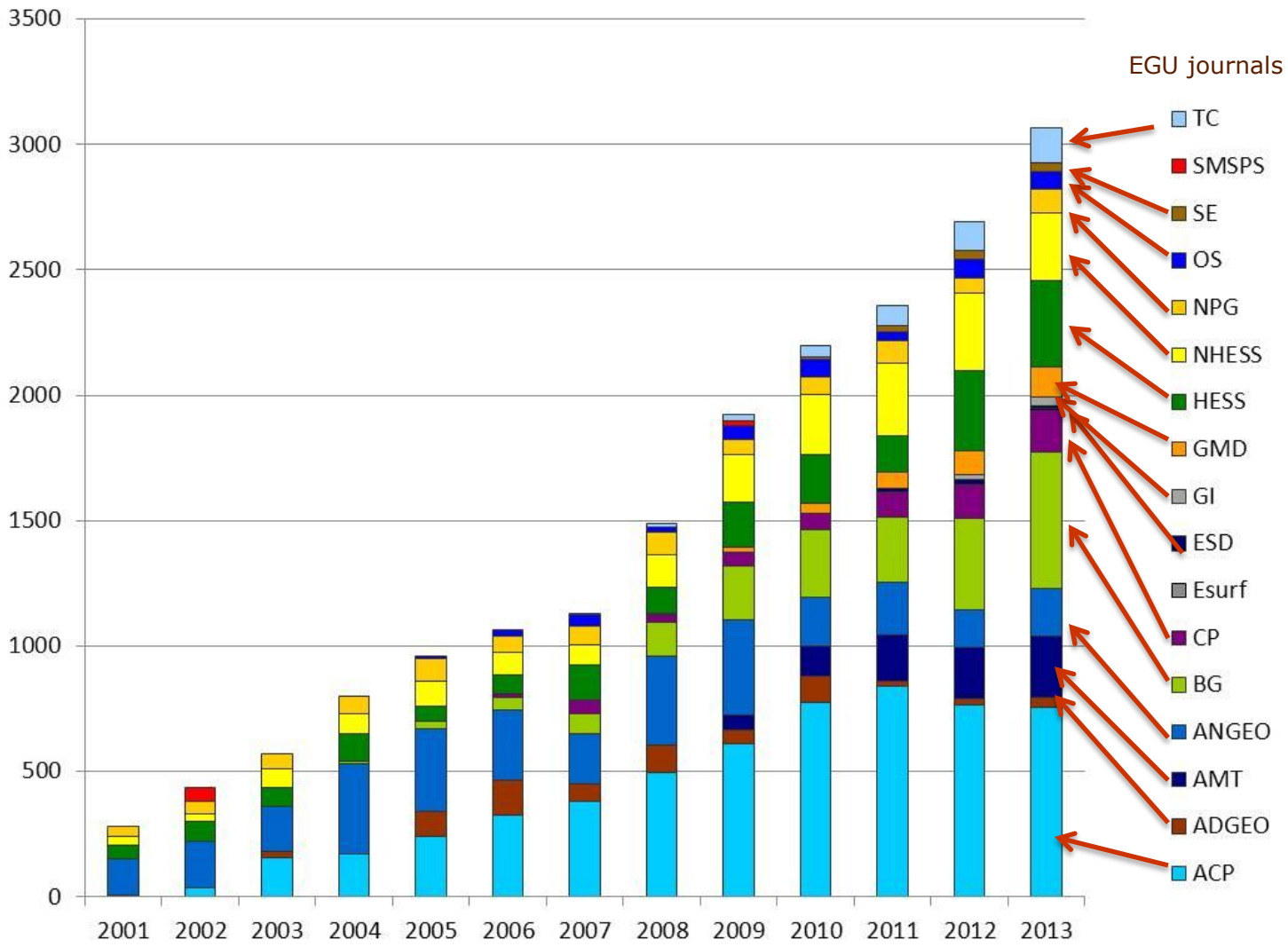
Publication Facts: Authors per country in 2013



Data from Copernicus publications



Publication Facts: published papers 2001-2013



Data from Copernicus publications





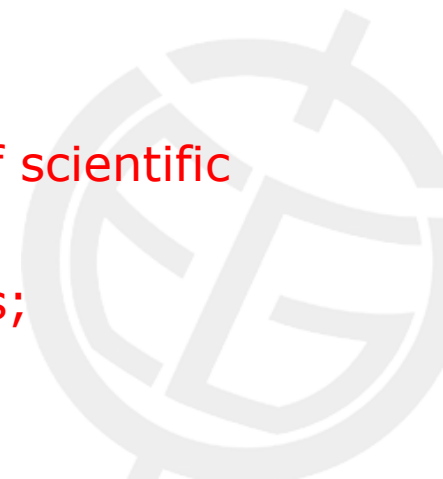
Innovative Approaches

Public Peer-Review & Interactive Public Discussion

- **Rapid access peer-review** → publication as discussion paper
- **Interactive public discussion**: published referee comments, author comments & comments of the scientific community
- **Paper revision & final acceptance** → publication as final revised paper

Designed to

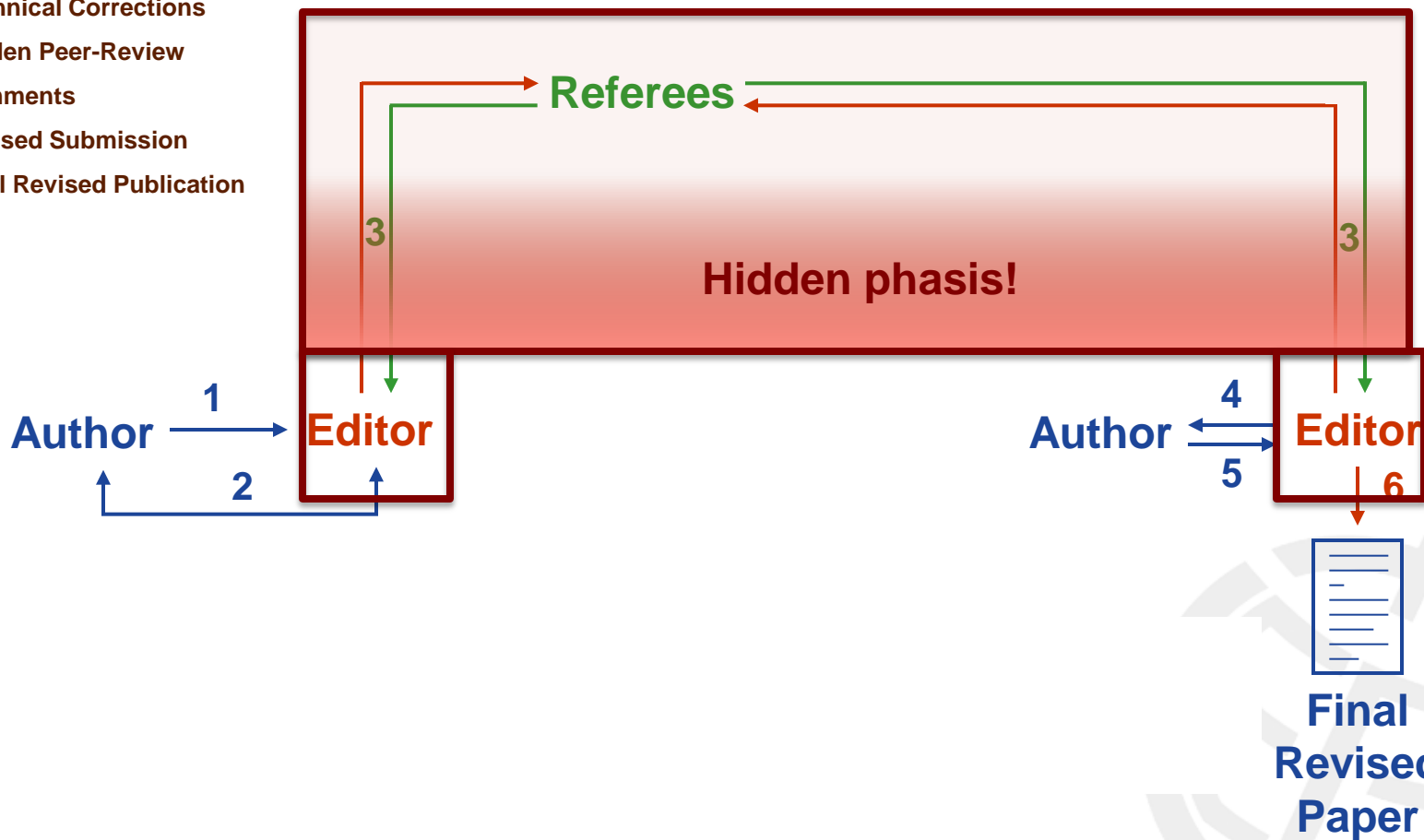
- foster scientific discussion;
- maximize the effectiveness and transparency of scientific quality assurance;
- enable rapid publication of new scientific results;
- make scientific publications freely accessible.





Classical Peer-Review Process

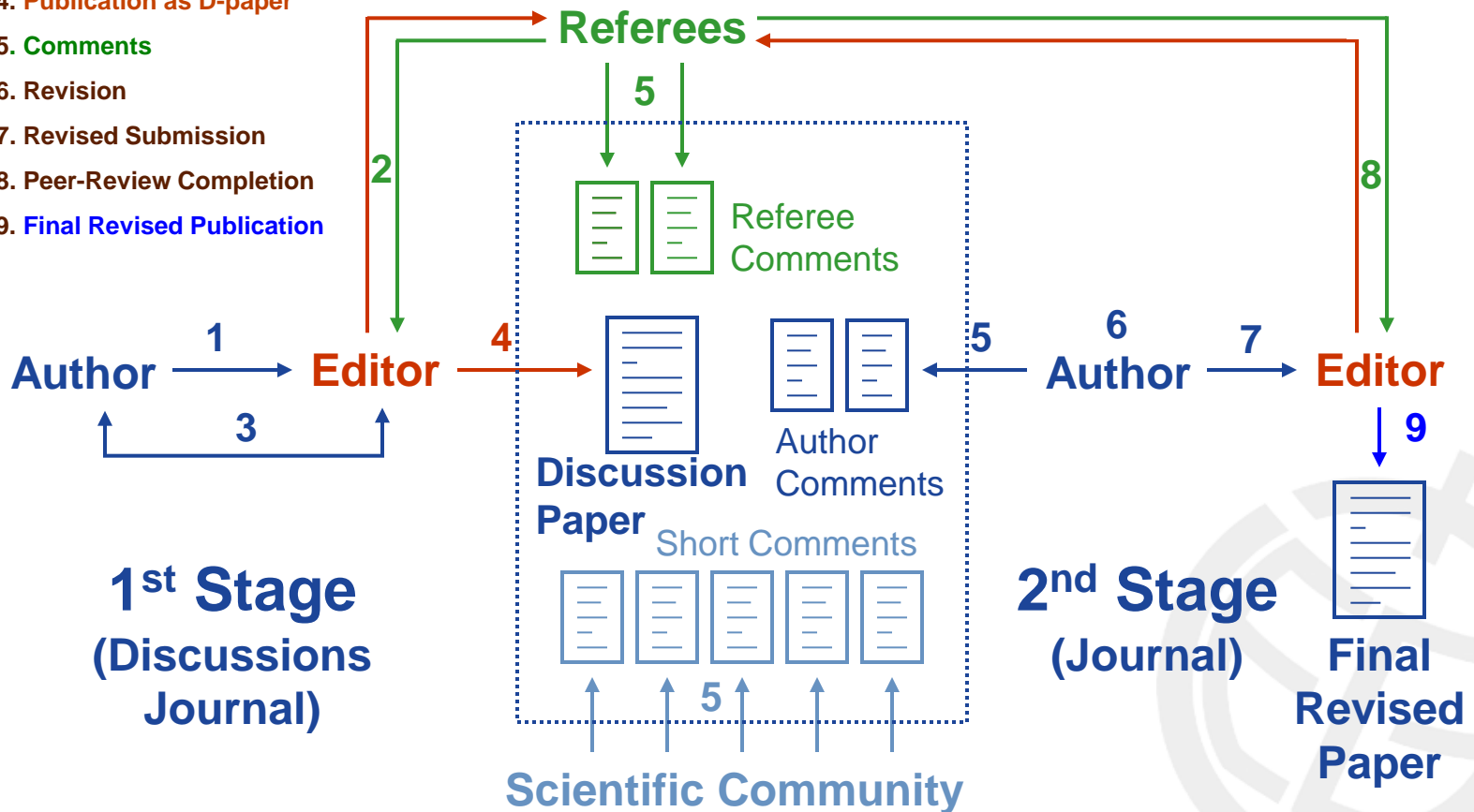
1. Submission
2. Technical Corrections
3. Hidden Peer-Review
4. Comments
5. Revised Submission
6. Final Revised Publication





Public Peer-Review & Interactive Public Discussion

1. Submission
2. Access Peer-Review
3. Technical Corrections
4. Publication as D-paper
5. Comments
6. Revision
7. Revised Submission
8. Peer-Review Completion
9. Final Revised Publication





Post-Discussion Editor Decision – Workflow

1. Final Response

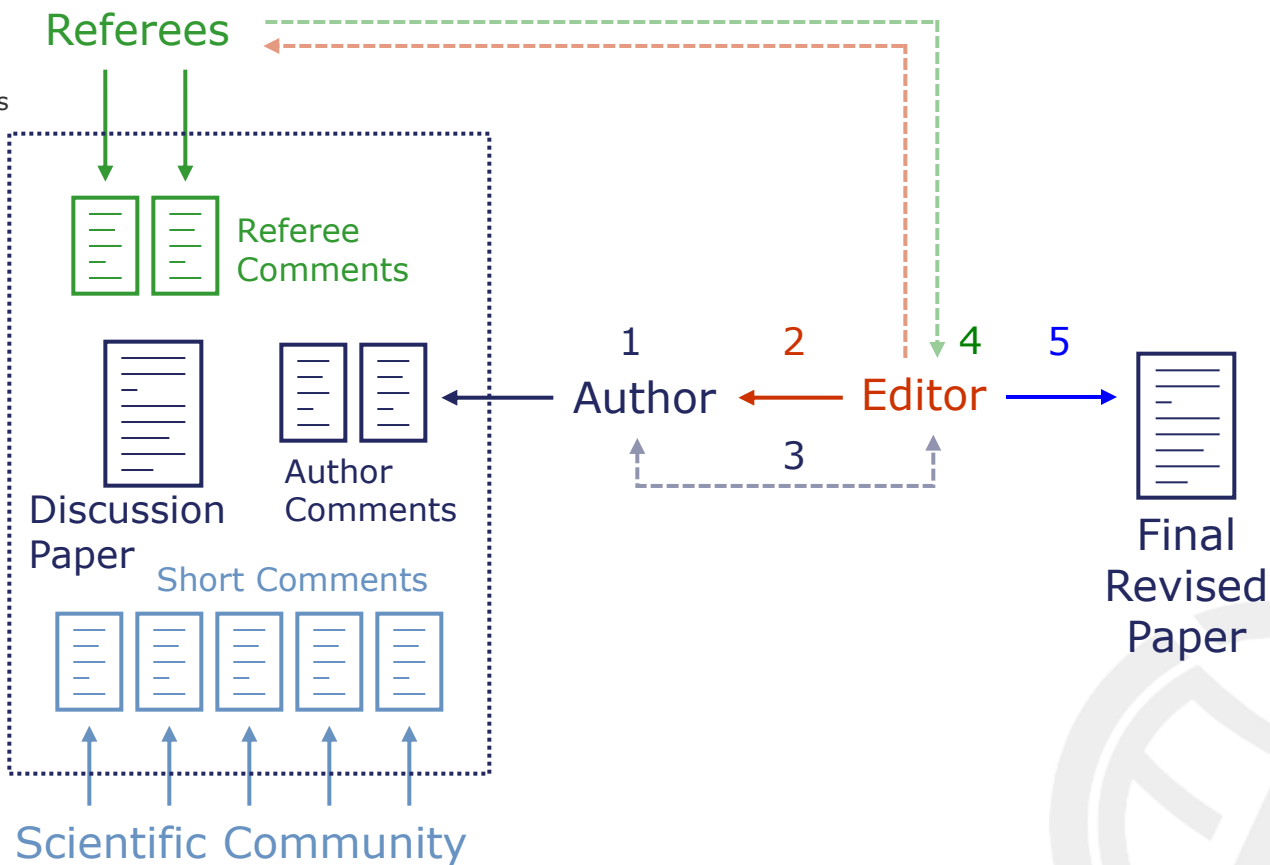
2. Post-Discussion Editor Decision

Publish as is
 Technical Corrections
 Minor Revision
 Major revision
 Reject

3. Revision

4. Peer-Review Completion

5. Final Revised Publication





Article processing charges (APCs)

The following article processing charges are valid for any manuscript submitted **from 1 January 2015**. Manuscripts submitted before this date are charged €24/29/34/39 net per page.

| | Price per discussion page | Description |
|-------------------|---------------------------|---|
| Category 1 | €25 net | LaTeX submissions using the Copernicus Publications LaTeX Package |
| Category 2 | €30 net | Word submissions using the Copernicus Publications Word Template |
| Category 3 | €35 net | LaTeX submissions causing higher expenditure of work due to any LaTeX style and/or difficulties with tables/figures |
| Category 4 | €40 net | Word submissions causing higher expenditure of work due to any Word style and/or difficulties with tables/figures |

English language copy-editing: free for final revised papers, €3 net per page for discussion papers

Example(s)

A manuscript contains 10 pages with 57,000 characters, 2 figures, and 1 table. The discussion paper will have 30 pages text + 1 page table + 2 pages figures. For Category 1, this will result in 33 pages × €25 = €825 net + 19% German VAT.

What is included in the article processing charges?

- all online tools for authors and reviewers;
- professional processing of figures;
- typesetting, editing, and formatting in PDFLaTeX;
- English language copy-editing for final revised papers;
- immediate open-access publication of each article;
- article alert service;
- inclusion in the Copernicus Online Library;
- indexing in international scientific databases and reference services;
- long-term e-archiving via Portico and CLOCKSS as well as printed archiving via copyright libraries worldwide.

To be changed by January 2016



Dissemination & Archiving of the Journals

Copernicus Publications and the EGU feel responsible to

- enable a wide dissemination of the articles through scientific databases, libraries or search engines;
- enable an availability of the articles in the future independent from their own sources but in cooperation with strong partners (MPS, ~~INSU-CNRS~~, Helmholtz Association, Göttingen State and University Library, University of Bremen, ETH Zurich).

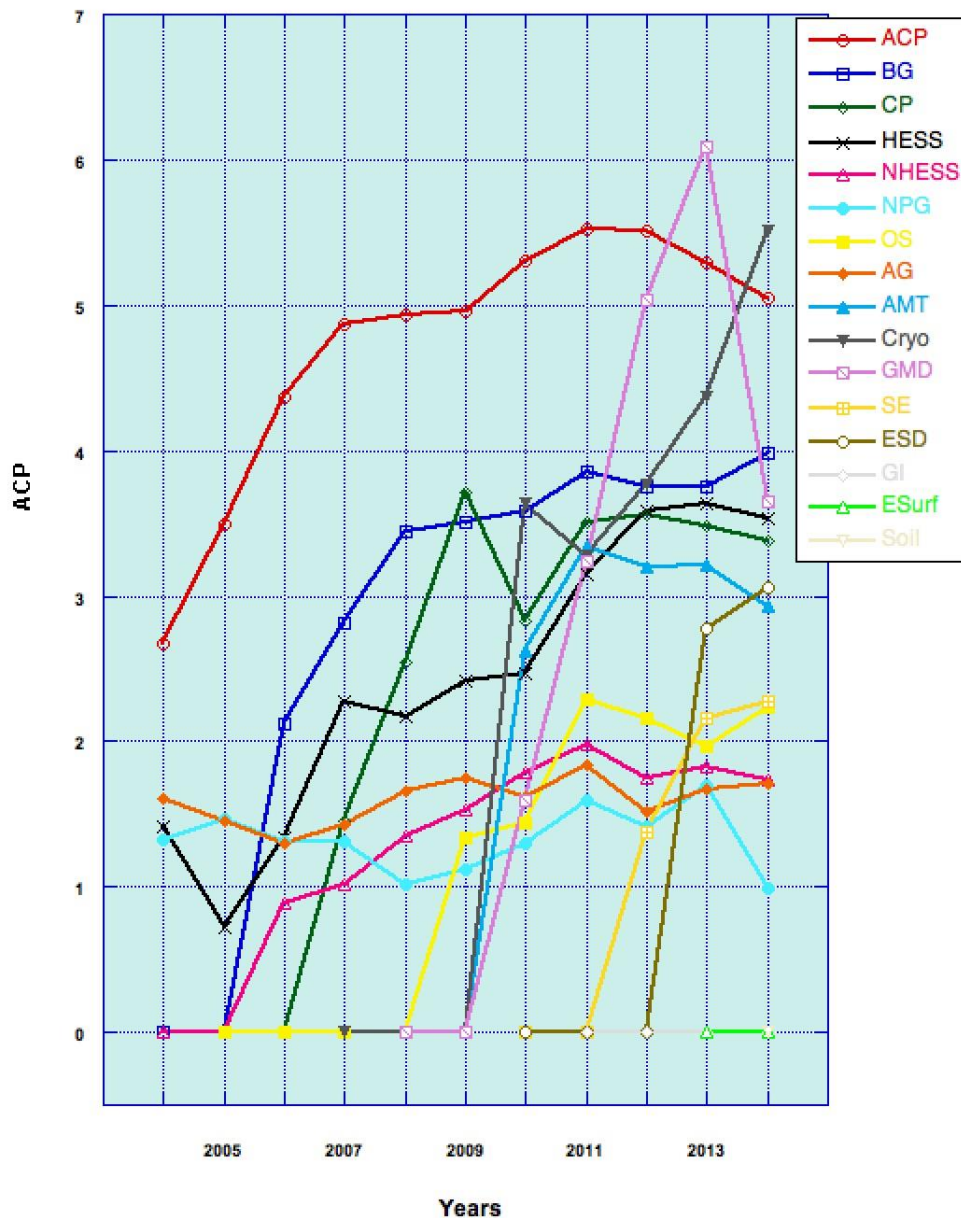
Therefore, the EGU journals are at least indexed but also long-term archived in the following categories:

- ISI – Thomson Scientific
- Copyright Libraries
- e-Archives
- Searchable Databases
- Scientific Online Search Engines

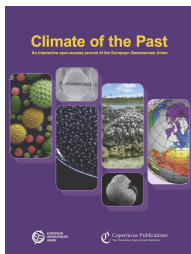




Journals IF evolution



- Advances in Geosciences
- Annales Geophysicae
- Atmospheric Chemistry & Physics
- Atmospheric Measurement Techniques
- Biogeosciences
- Climate of the Past
- Earth Surface Dynamics
- Earth System Dynamics
- Geoscientific Instrumentation, Methods and Data Systems
- Geoscientific Model Development
- Hydrology and Earth System Sciences
- Natural Hazards and Earth System Sciences
- Nonlinear Processes in Geophysics
- Ocean Science
- Solid Earth
- SOIL
- The Cryosphere



Co-Editors-in-Chief

- Carlo Barbante
- Nerilie Abram
- Thorsten Kiefer
- Marie-France Loutre
- Denis-Didier Rousseau

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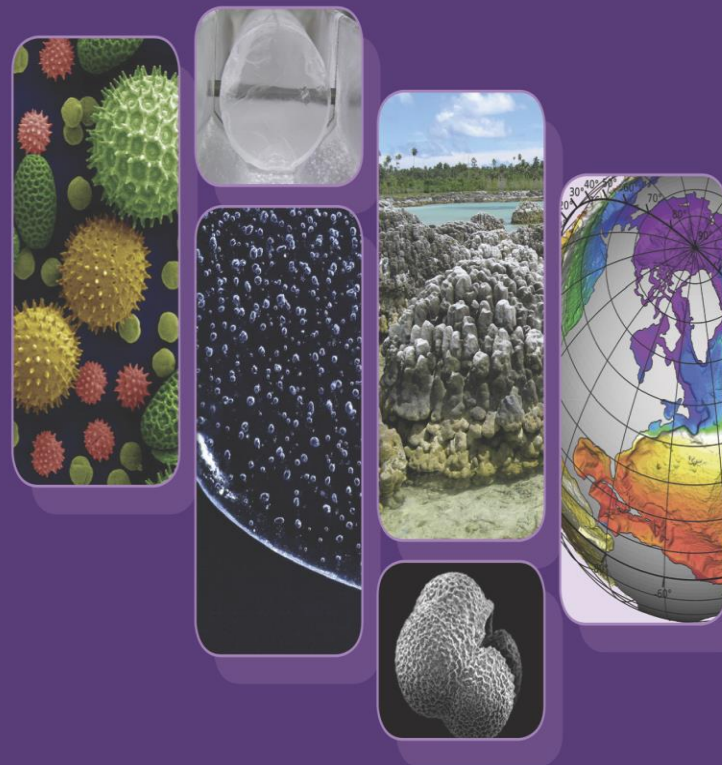
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The Innovative Open Access Publisher

Climate of the Past

An interactive open-access journal of the European Geosciences Union

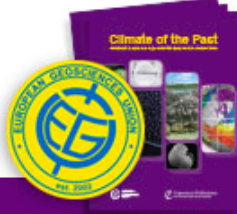




10 years
Climate of the Past



**A community journal grown up:
Celebrating 10 years of
Climate of the Past**



| | |
|--------------|--|
| 3.382 | Impact Factor 2014 |
| 151 | Papers submitted in 2014 |
| 156 | Papers published in 2014 |
| 20 | Rejection rate % |
| 1 | Special issue finalized in 2014 |
| 30 | Editors on the Editorial Board |
| 10 | Years since launch of Climate of the Past |
| 219 | Avg days from submission to publication |



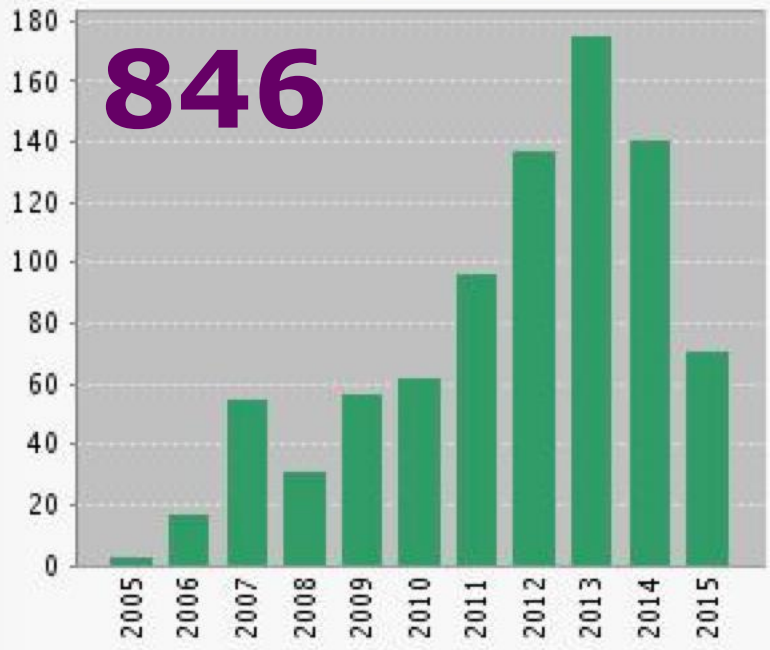


10 years Climate of the Past



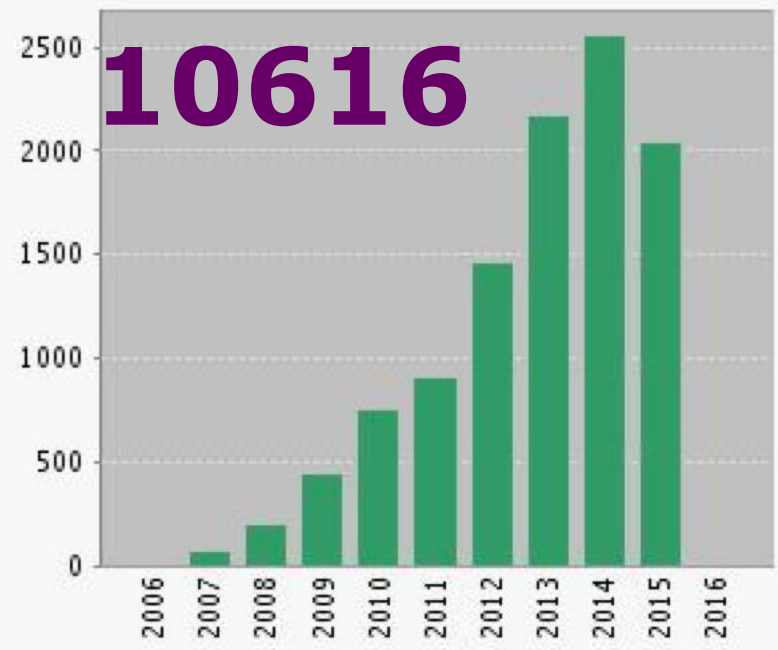
Stats from WoS:

Published Items in Each Year



The latest 20 years are displayed.

Citations in Each Year



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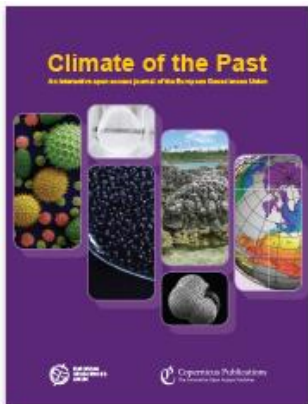
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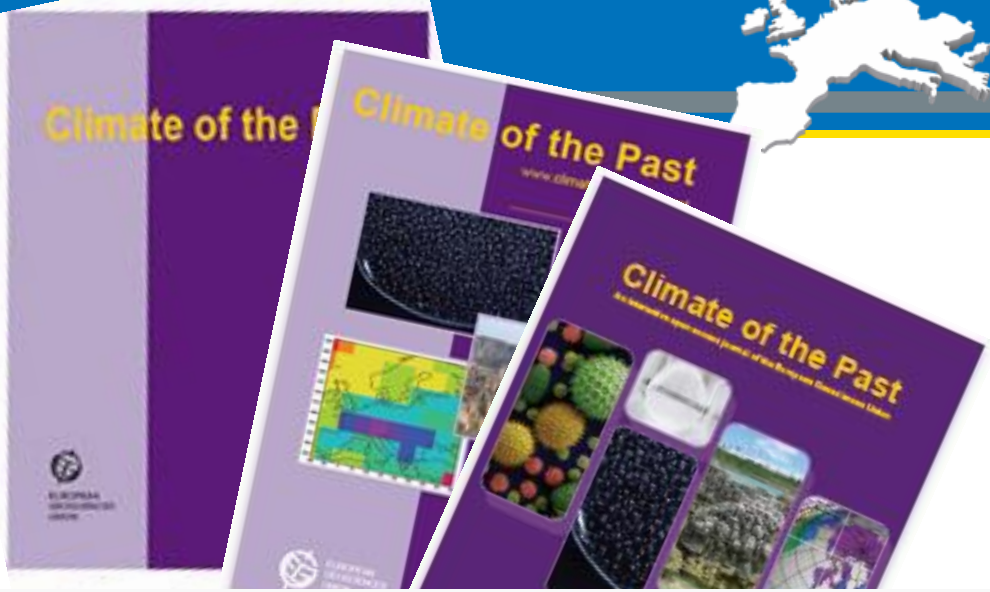
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Merci de votre attention



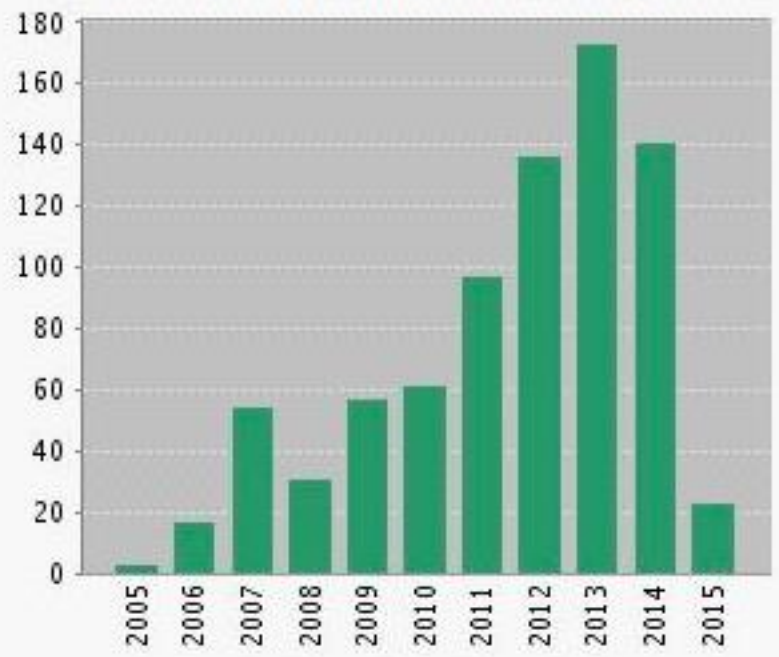


10 years Climate of the Past



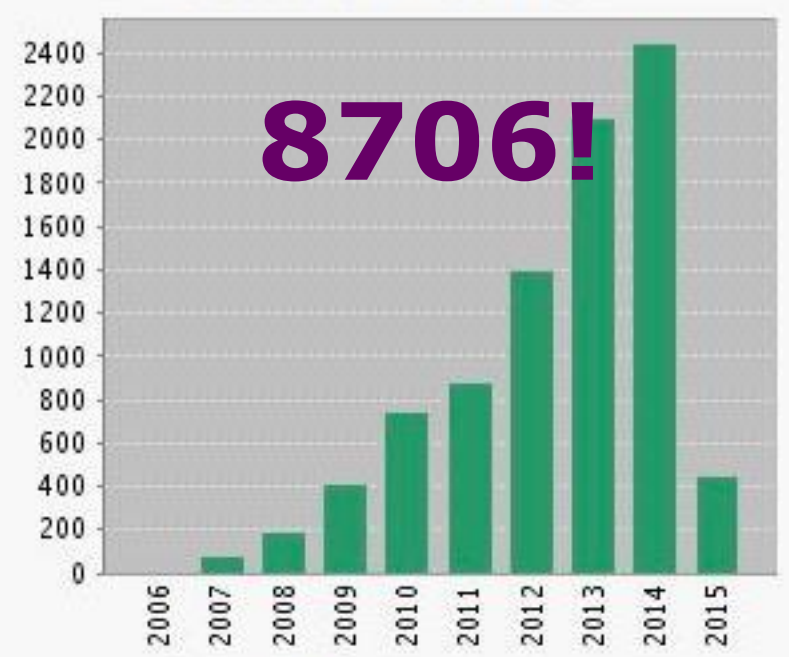
And here are the results:

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Citations in Each Year



The latest 20 years are displayed.

