

BG



# **Biogeosciences Division Meeting 2014**



## AGENDA

1. Welcome by the Division President
2. Report on the 2013/2014 BG Activities
3. BG structure update
4. Suggestions for the EGU 2015 Programme
5. BG Publications
6. Vladimir Vernadsky Medal
7. OSP awards
8. Suggestions regarding the Activities of the Union, such as Meetings, Publications and Outreach Activities
9. AOB



## EGU General Assembly 2014 Facts

As of 26 April, the Assembly 2014 provides:

- 14,895 Papers in Programme | +11.6% (2013)
- 4,829 Orals | 9,583 Posters | 483 PICOs | Ratio 32 / 64 / 3
- 568 unique scientific Sessions | 126 PSD Sessions | 245 Side Events\*
- 10,261 Registrations in Advance (10,176 already paid) | +3.9% (2013)

# Biogeosciences Division Meeting 2014

## 2. Report

- President: Günter Blöschl;
- Budget:
  - EGU reached a reserve  $\pm 4$  M€ (Dec. 2013)
  - Increase support of Young Scientists
  - Money for organization of topical meetings – ask EGU Treasurer Roland Schlich
  - Publication budget strongly on the income side!



EGU office in Munich, executive secretary

Philippe Courtial



Communications Office: Barbara Ferreira.





## 2. Report

### Communication Activities at the Assembly

#### EGU Today

- EGU Today is a daily newsletter highlighting interesting workshops, lectures and GeoCinema screenings, amongst activities at the Assembly
- Paper copies will be distributed daily and are available to download at [www.egu2014.eu/egu\\_today](http://www.egu2014.eu/egu_today)

#### Blogs

- GeoLog & the EGU Blog Network will be sharing great sessions, research, interviews and more throughout the Assembly
- Follow them at [geolog.egu.eu](http://geolog.egu.eu) and [blogs.egu.eu](http://blogs.egu.eu)

#### Social Media

- Sessions will be advertised on Twitter (@EuroGeosciences) and Facebook (European Geosciences Union)
- Participants can ask questions & keep updated by following **#EGU2014**

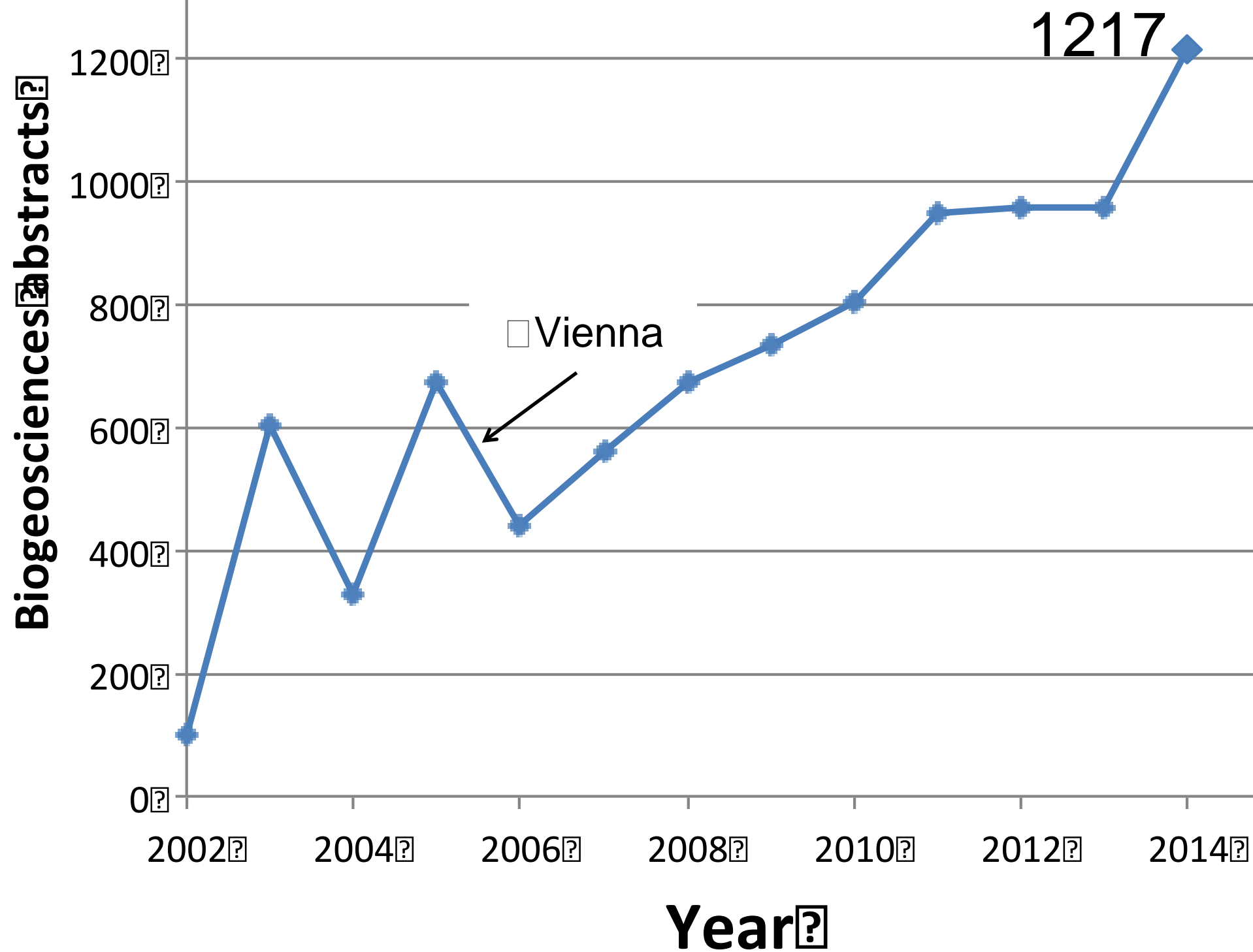


# Biogeosciences Division Meeting 2014

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## 2. Report



# Biogeosciences Division Meeting 2014

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## 2. Report

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>BG sessions</b>	9	17	13	23	25	21	33	32	32	36	27	36	<b>30</b>
<b>Co-organised intersessions</b>						-11	(9)	(8)	(5)	(15)	(12)	(12)	<b>(29)</b>
<b>Oral presentations</b>	71	230	178	204	152	202	236	240	227	317	303	329	<b>394</b>
<b>posters</b>	72%	38%	54%	30%	35%	36%	35%	33%	28%	33%	32%	34%	<b>31%</b>
	28	376	149	468	287	361	439	493	579	631	654	619	<b>833</b>
	28%	62%	46%	70%	65%	64%	65%	67%	72%	67%	68%	64%	<b>65%</b>
<b>PICOs</b>												13	<b>50</b>
												1%	<b>4%</b>
<b>Total:</b>	99	606	327	672	439	563	675	733	806	948	957	961	<b>1277</b>

No-shows.....

# Biogeosciences Division Meeting 2014



## 2. Report

A screenshot of the Facebook group page for the EGU Biogeosciences (BG) Division. The page header shows the group name, 64 members, and a 'Member' button. Below the header are navigation tabs for Discussions, Promotions, Jobs, Members, Search, and Manage. A notification banner at the top left says 'Take a minute to set up your group for success.' with a link to 'Modify your Group's Settings'. The main content area features a large landscape photo of a mountain range with white flowers in the foreground. Below the photo is a text input field with the placeholder 'Start a discussion or share something with the group...'. On the right side, there is a 'Members of this Group' section with profile pictures and names, including Jan-Willem de Blok, and a 'Your group contribution level' section with a progress bar labeled 'Getting Started'.

[Charlotte Spencer-Jones](#)

Student at University of Newcastle-upon-Tyne







### 3. BG structure update

## Biogeosciences Council

**President:** Alina Stadnitskaia(NL)

### Seven sub-groups (Science Officers):

1. Terrestrial Biogeosciences (Jürgen Kesselmeier, D)
2. Marine Biogeosciences (Caroline Slomp, NL)
3. Freshwater & Wetlands (Tom Battin, & Stephan Glatzel, D)
4. Earth System Biogeosciences (Andy Ridgwell, UK)
5. Paleo Biogeosciences (Albert Benthien, D)
6. Geomicrobiology & Extreme Environments (Tina Treude, D)
7. Astrobiology & Early Evolution of Life (Emmanuelle Javaux, B)
- 8. Industrial Biogeosciences (???)**

# Biogeosciences Division Meeting 2014

## 3. BG structure update

scientific officer\_for

## Geomicrobiology and Extreme Environments

BG



Tina Treude (GEOMAR,  
Germany)  
Geomicrobiology and Extreme  
Environments



Helge Niemann (Basel  
University, Switzerland)



# Biogeosciences Division Meeting 2014

## 3. BG structure update



scientific officer for  
**Freshwater Biogeosciences**

Stephan Glatzel  
(Universität Rostock)



Tom J. Battin  
(University of Vienna)



**Christian Blodau**



Institute of Landscape Ecology,  
Münster, Germany



3. BG structure update

New candidates for the VIV Committee



Chair: Michael Boettcher

Tom Battin

Jurgen Kesselmeier

Andy Ridgwell

Emmanuelle Javaux

Albert Bentien

Stephan Glatzel

Jean Pierre Gattuso

Caroline Slomp

Prof. Dr. Jörn Peckmann,  
Vienna University,  
Biosedimentology

Mineral authigenesis  
Geomicrobiology of  
ancient environments





# Biogeosciences Division Meeting 2014

## 3. BG structure update



Webmaster/Web-manager for BG (the person who will be in charge of all web-page related updates.

[Charlotte Spencer-Jones](#)

**Student at University of Newcastle-upon-Tyne**



3. BG structure update



**New candidates for the  
Public Outreach and Education officer**

**Welcome!**

# Biogeosciences Division Meeting 2014

## 4. Suggestions for EGU 2015

### General Assembly 2015



- The 2014 program will be remained the same from the current "skeleton program". However, you can still:
  - Suggest 5-6 general scientific directions that can “accommodate” a wide range of sub-divisions.
  - New sessions and existing sessions - confirm/cancel.
  - Motivate young scientists to convene.
  - Involvement of scientists working for industry – bring together.
- Topical conferences/meetings (200 people max).
- Suggestions can be made from **NOW to about June 2014**:
  - Tentative session title.
  - Aim of the session.
  - Name and email address of convener(s).
- Call for sessions mid-July
- Programmed finalized in September 2014
- Call for abstracts in October 2014

## 4. Suggestions for EGU 2015



### Meetings, Medals & Young Scientists

#### Meetings Calendar

- A hub of information on conferences and workshops in the geosciences. Add your meeting at [www.egu.eu/meetings/calendar/form](http://www.egu.eu/meetings/calendar/form)

#### Co-Sponsoring Programme

- There are two opportunities to get your meeting sponsored: 15 Jun – Jul 2014 & Dec 2014 – 15 Jan 2015: [www.egu.eu/meetings/suport-request](http://www.egu.eu/meetings/suport-request)

#### Awards & Medals

- Nominations are open until 15 June [www.egu.eu/awards-medals](http://www.egu.eu/awards-medals)

#### Young Scientists

- Young scientists (YS) can find out how to get involved in the Union & benefit from our YS resources at [www.egu.eu/young-scientists](http://www.egu.eu/young-scientists)

#### Jobs

- We advertise geoscientific jobs for free at [www.egu.eu/jobs](http://www.egu.eu/jobs) add yours, or look for a new position



# Biogeosciences Business Meeting 2013



## General Assembly Calendar

### **EGU General Assembly 2015**

Location: Vienna, Austria

Date: 12 -17 April

### **EGU General Assembly 2014 + 10 years**

Location: Vienna, Austria

Biogeosciences Division  
Meeting 2014

5. BG Publications

BG

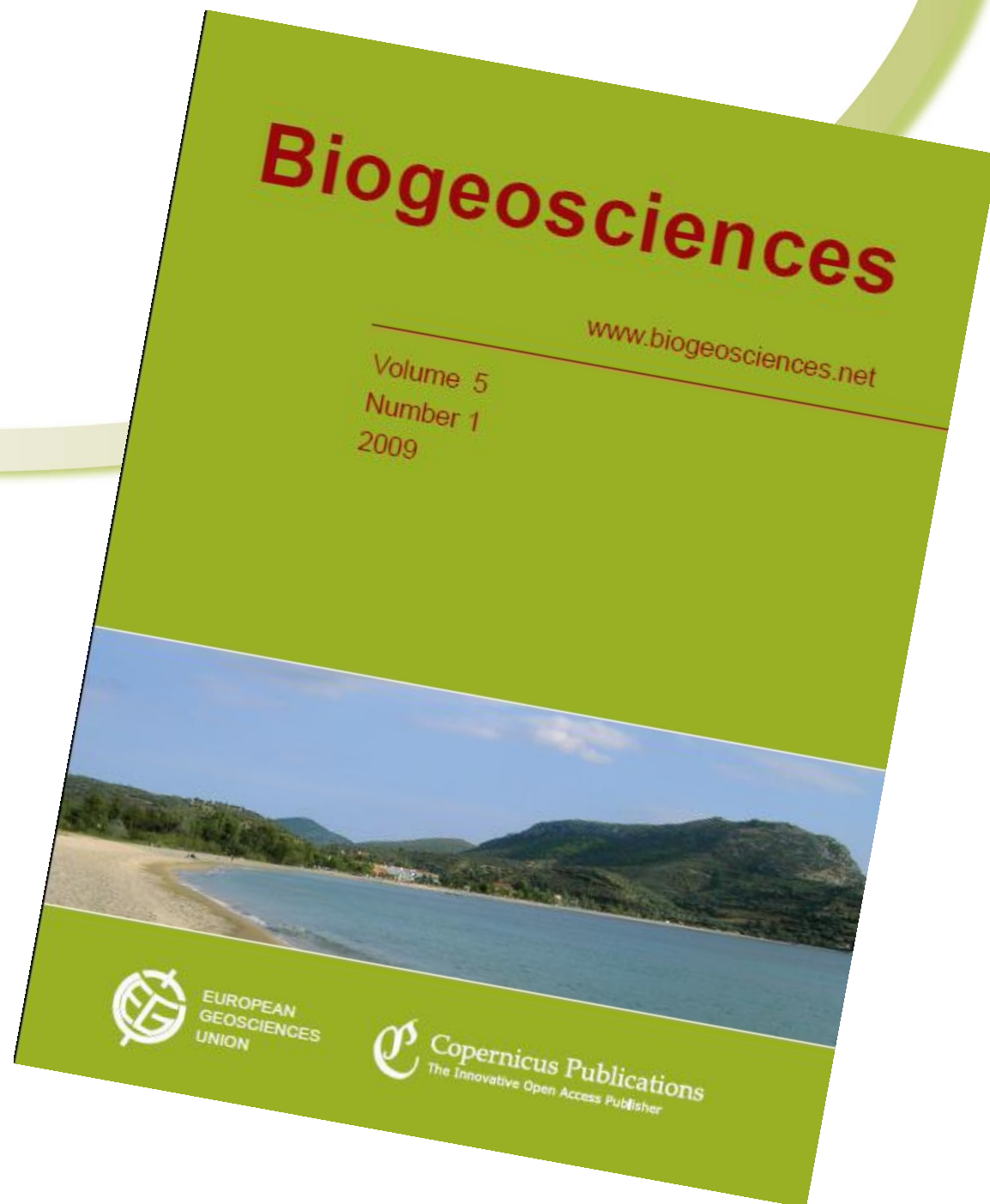


Publications..... Jürgen Kesselmeier



# Biogeosciences

10 years (2004-2014) of success



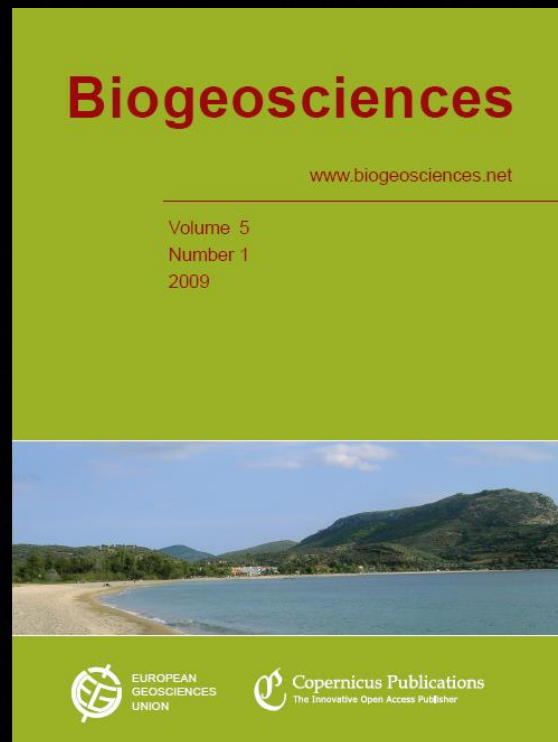
*Biogeosciences (BG) and  
Biogeosciences Discussions (BGD)*

Publisher: Copernicus GmbH  
on behalf of the  
European Geosciences  
Union (EGU).

**BG is an open access journal.**







**2004  
to  
2014**

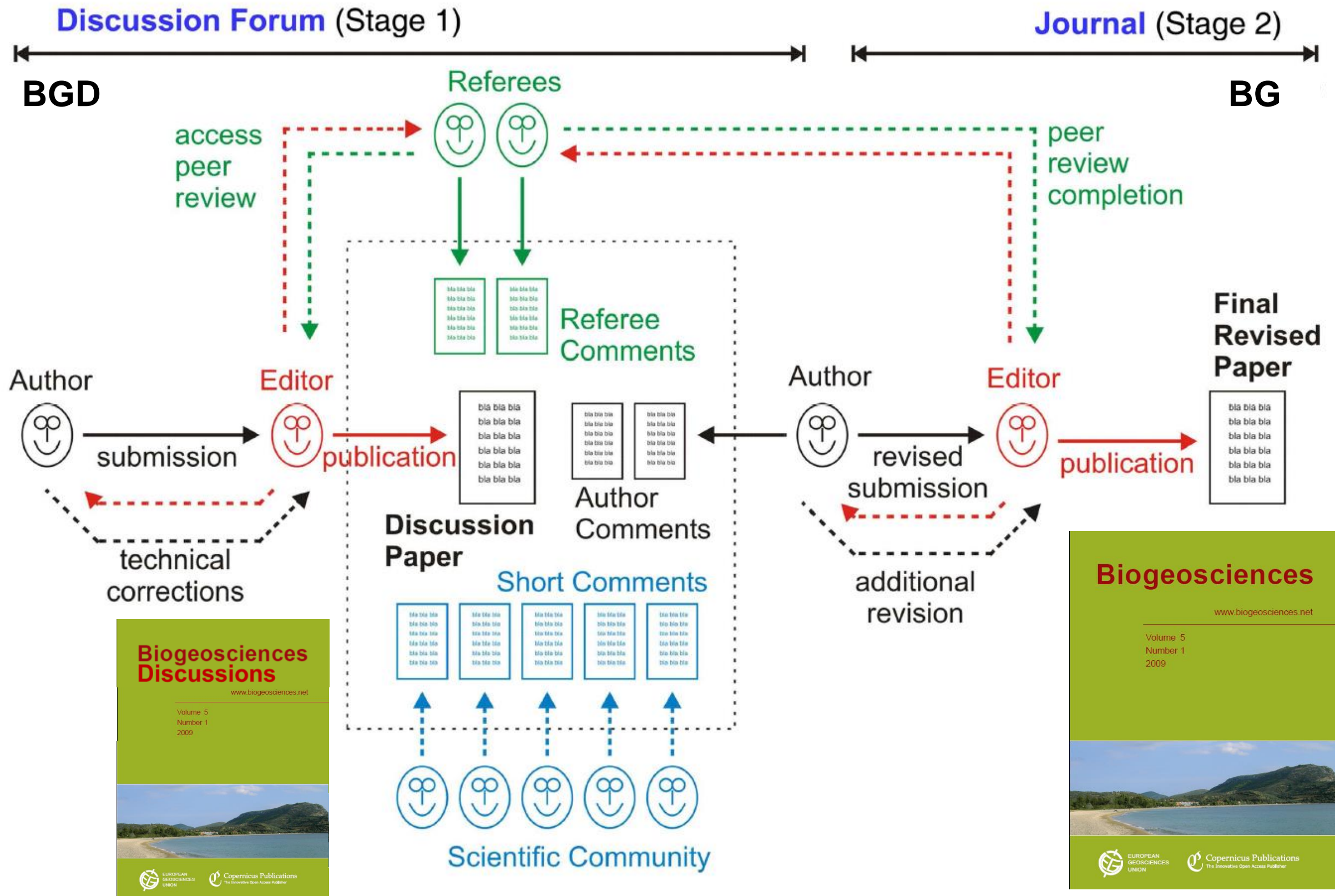
***BG is 10 Years old!***

***Thanks to all supporters,  
to Authors, Referees,  
Editors, Editorial and  
Production Office!***





# Two-Stage Publication Process



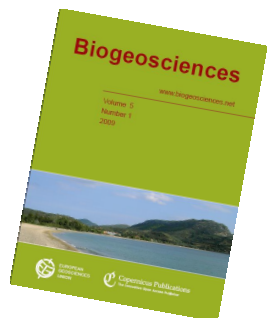


# Biogeosciences

*10 years (2004-2014) of success*

## Post-Discussion Report Publication

For manuscripts submitted from **01 February 2014** all referee and Editor reports, the authors' response, as well as the different manuscript versions of the peer-review completion (post-discussion review of revised submission) will be published if the paper will be accepted for final publication in BG.





**Biogeosciences**

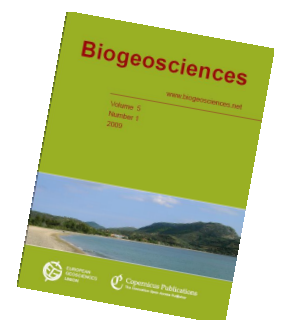
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**Open access = coverage of costs by authors.  
There is no other income for the publisher.**

**Both, BGD papers as well as BG papers are  
archived and fully citable - Ideas and rights of  
authors are fully protected from the  
beginning.**

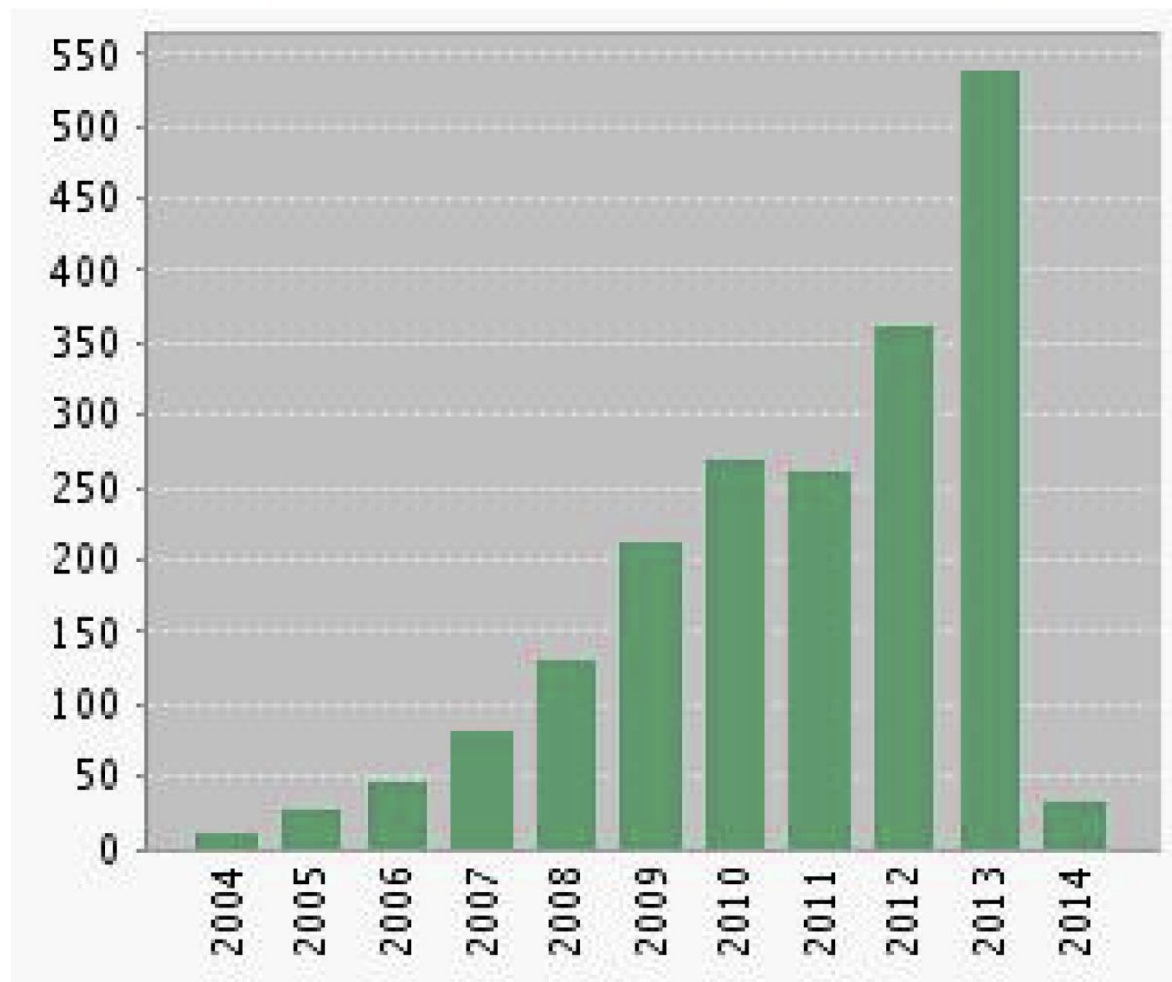
**Referee comments, open comments and  
authors answers are public and are archived  
and citable as well.**

**Copyright stays with the authors.**

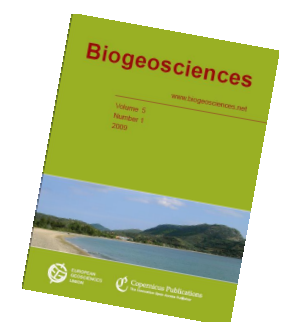
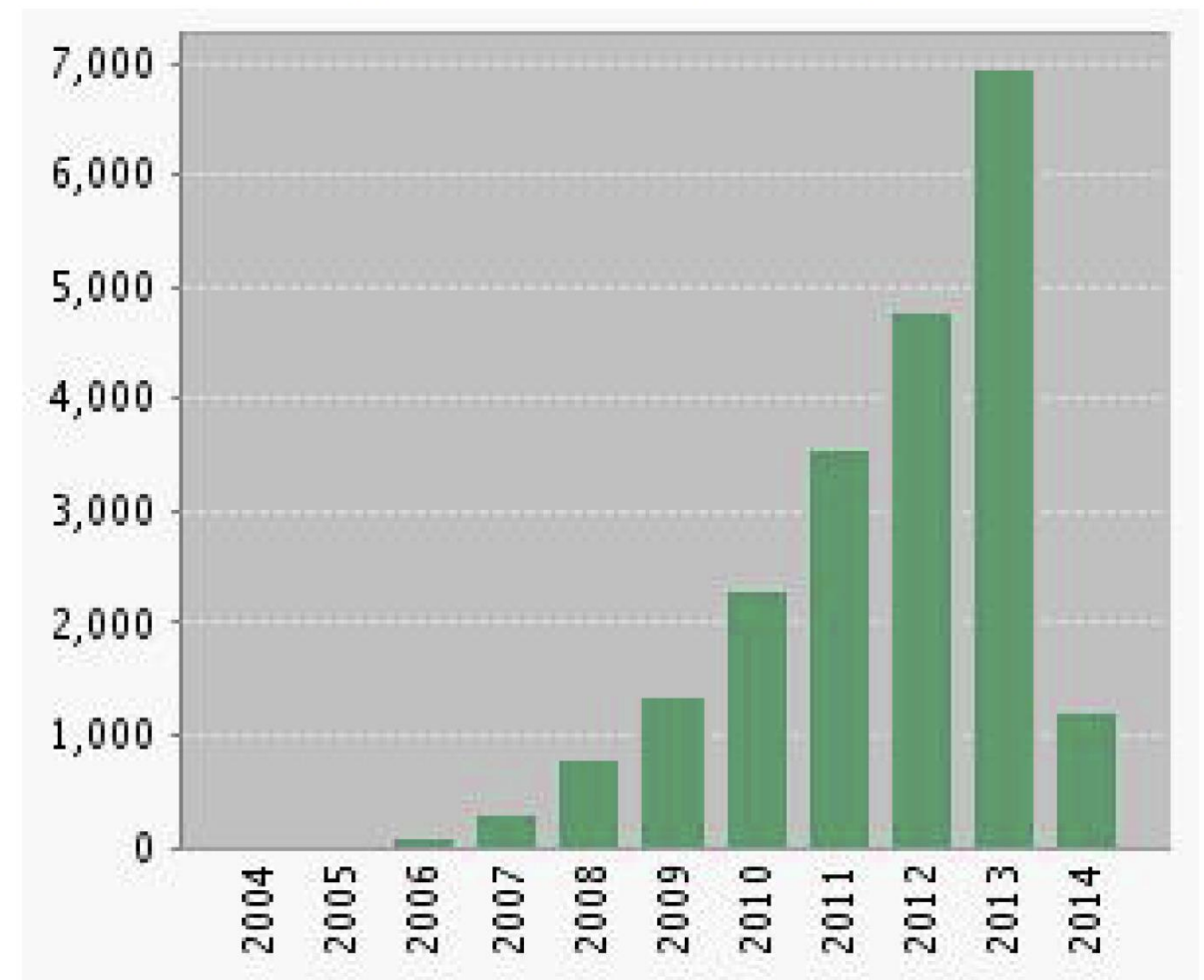




## Published Items in Each Year



## Citations in Each Year

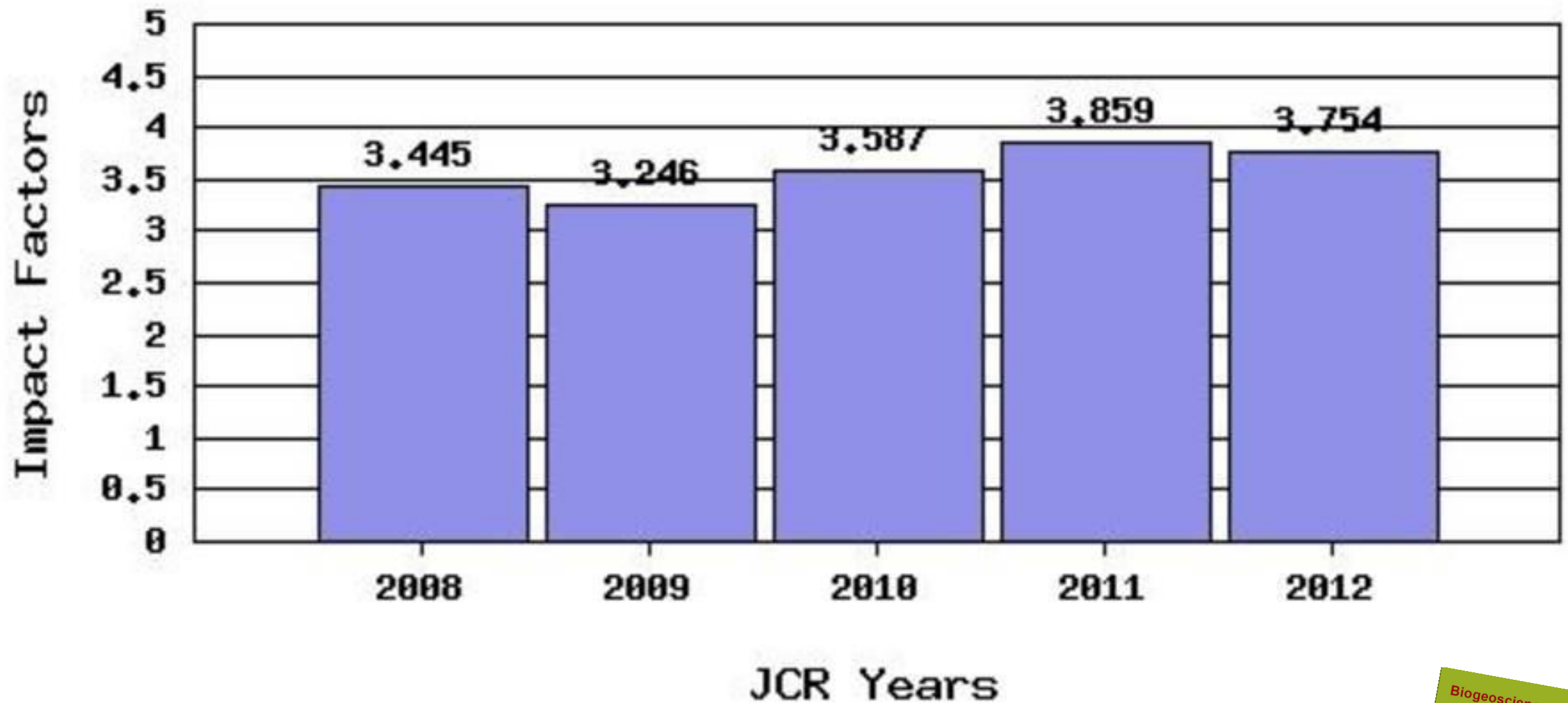






## IMPACT FACTOR

### Biogeosciences

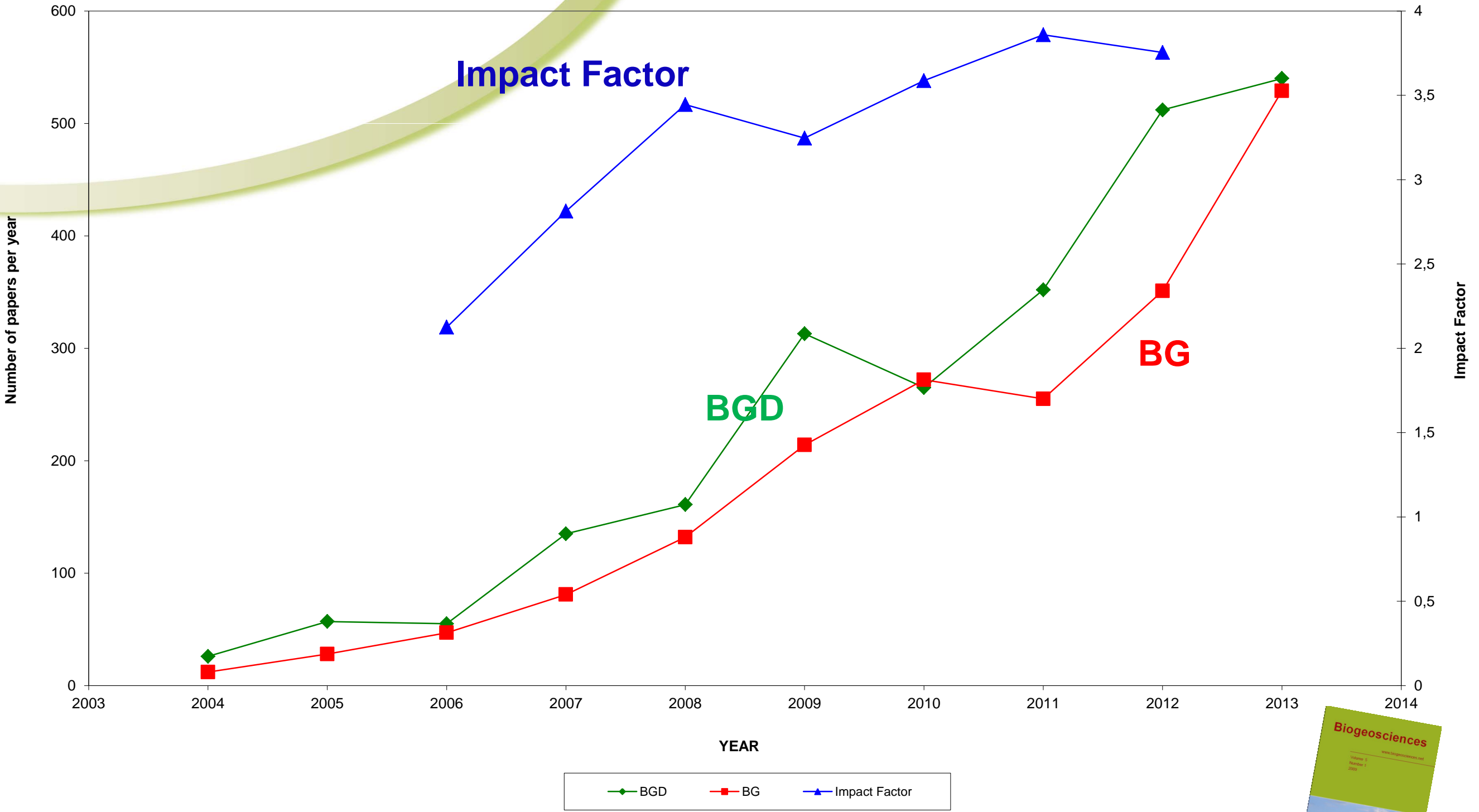




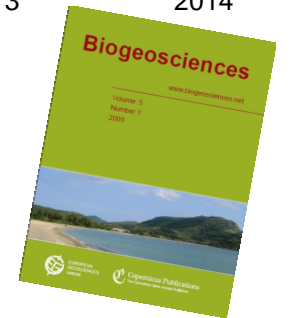
# Biogeosciences

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## Publication Record 2013



Report Vienna 2014





# Biogeosciences

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2012 JCR Science Edition

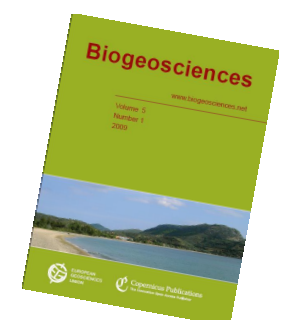
## Rank in Category: Biogeosciences

### Journal Ranking

For **2012**, the journal **Biogeosciences** has an Impact Factor of **3.754**.

This table shows the ranking of this journal in its subject categories based on Impact Factor.

Category Name	Total Journals in Category	Journal Rank in Category	Quartile in Category
ECOLOGY	136	28	Q1
GEOSCIENCES, MULTIDISCIPLINARY	172	13	Q1



# TURNAROUND TIMES in 13 **Biogeosciences**

## SUMMARY

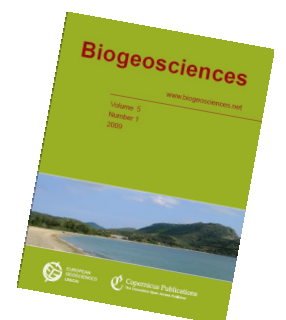
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### From Submission to Publication

<b>Biogeosciences Discussions</b>	<b>DAYS</b>			
	Average	Median	Min	Max
Submission to decision for Publication	23	16	0	147
Production File Upload to Publication	16	13	1	128
Discussion/Review Time	56	56	56	56

<b>Biogeosciences</b>	<b>DAYS</b>			
	Average	Median	Min	Max
Final Response to Revised Submission	50	43	0	305
Revision to Decision for Publication	34	19	0	392
Decision for Publication to Publication	36	35	11	98

*On average a paper is published in it's final peer reviewed form within 215 days.*







## Current service charges

	Price per Discussion Page	Description
<b>Category 1</b>	€24 net	LaTeX submissions using the <u>Copernicus Publications LaTeX Package</u>
<b>Category 2</b>	€29 net	WORD submissions using the <u>Copernicus Publications WORD Template</u>
<b>Category 3</b>	€34 net	LaTeX submissions causing higher expenditure of work due to any LaTeX style and/or difficulties with tables/figures
<b>Category 4</b>	€39 net	WORD submissions causing higher expenditure of work due to any WORD style and/or difficulties with tables/figures
<b>Copy-Editing for English</b> ( <u>Details</u> ): Free for Final Revised Papers, €3 net / 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 x €24 = €792 net + 19% German VAT.





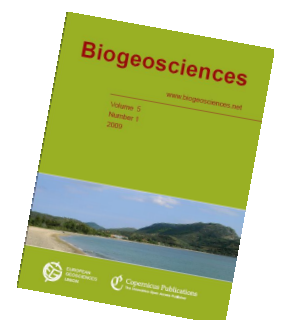
**Biogeosciences**

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## Current service charges

### What is included in the Article Processing Charges?

- All online tools for authors and reviewers;
- Professional processing of figures and movies;
- 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





# Biogeosciences

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## Financial Budget 2013

BG	Net Income	Net Expenses
Subscriptions	€14,186.40	
Service Charges	€568,161.41	
Printing (incl. Handling/Mailing)		€14,179.50
Bank/Credit Card Fees, Domains, DOIs		€7,165.31
Copernicus – Copy-Editing Costs		€87,461.71
Copernicus – Working Hours (6,622)		€506,583.00
<b>Totals</b>	<b>€582,347.81</b>	<b>€615,389.52</b>
<b>Incomes – Expenditures</b>	<b>-€33,041.71</b>	





# Biogeosciences

NEWS / Further Information Discussion *10 years (2004-2014) of success*

usage • impact • saves • discussion • usage • impact • saves • discussion • usage • impact • saves • discussion • usage

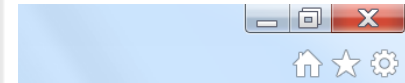
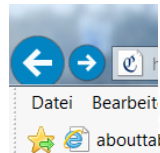


## ARTICLE-LEVEL METRICS

# LAUNCH

on 15 October 2013!

downloads • views • citations • bookmarks • social media • downloads • views • citations • bookmarks • social media



## Biogeosciences

An Interactive Open Access Journal of the European Geosciences Union

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Biogeosciences, 11, 2147-2168, 2014  
 www.biogeosciences.net/11/2147/2014/  
 doi:10.5194/bg-11-2147-2014  
 © Author(s) 2014. This work is distributed under the Creative Commons Attribution 3.0 License.

Article Metrics Related Articles

### Bayesian calibration of a soil organic carbon model using $\Delta^{14}\text{C}$ measurements of soil organic carbon and heterotrophic respiration as joint constraints

B. Ahrens, M. Reichstein, W. Borken, J. Muhr, S. E. Trumbore, and T. Wutzler

#### Related Authors

Show only First Author papers  Show all papers

**Modeling the vertical soil organic matter profile using Bayesian parameter estimation** (24 Jan 2013)  
 M. C. Braakhekke, T. Wutzler, C. Beer, J. Kattge, M. Schrumpf, B. Ahrens, I. Schöning, M. R. Hoosbeek, B. Kruijt, P. Kabat, and M. Reichstein  
 Biogeosciences, 10, 399-420, 2013

**Bayesian calibration of a soil organic carbon model using  $\Delta^{14}\text{C}$  measurements of soil organic carbon and heterotrophic respiration as joint constraints** (22 Aug 2013)  
 B. Ahrens, M. Reichstein, W. Borken, J. Muhr, S. E. Trumbore, and T. Wutzler  
 Biogeosciences Discuss., 10, 13803-13854, 2013

#### Related Subject Area

#### Cited Articles

**Search BG**

Full Text



- Citation**
- BibTeX
  - EndNote

**Discussion Paper**  
 Published on 22 Aug 2013



Check it out! **ARTICLE-LEVEL METRICS** Available for your paper.



**Journal Metrics**

- IF 3.754
- 5-year IF 4.178
- SNIP 1.271

http://dx.doi.org/doi:10.5194/bg-10-399-2013

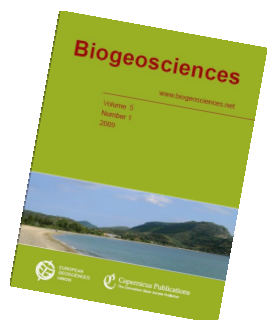






TEST METRICS FOR EXAMPLE AT:

[http://www.biogeosciences.net/recent\\_papers.html](http://www.biogeosciences.net/recent_papers.html)





**Biogeosciences**

**2004**

**to**

**2014**

**Biogeosciences is a journal operated by scientists for scientists, serving the community.**

**Please advertise our journal on conferences and meetings. Publish your best articles in Biogeosciences.**

**THANK YOU!**





## 6. Vladimir Ivanovich Vernadsky Medal



This medal has been established by the Division on Biogeosciences in recognition of the scientific achievement of Vladimir Ivanovich Vernadsky. It is reserved for scientists for their exceptional contributions to biogeosciences in general.



### **Klaus Butterbach-Bahl**

The 2014 Vladimir Ivanovich Vernadsky Medal is awarded to Klaus Butterbach-Bahl for his outstanding contribution to investigations and modelling of the biosphere-atmosphere exchange of environmentally important trace substances.



## 7. OSP Awards

### Anna Hedenrud awarded 2013 Outstanding Student Poster (OSP) Award



The 2013 Outstanding Student Poster (OSP) Awards is awarded to Anna Hedenrud for the poster entitled:

***Nitrous oxide emissions after sewage sludge fertilization of a bio-energy plantation*** (Hedenrud, A.; Achberger, C.; Klemedtsson, L.; Rychlik, S.; Lindroth, A.).

Anna Hedenrud is a PhD student at the Department of Earth Sciences, University of Gothenburg. Her poster at EGU 2013 featured preliminary results of nitrous oxide gas measurements after fertilization with sewage sludge. The results highlight the importance of timing of fertilization for lower nitrous oxide emissions, the low accumulated emissions despite high peak emission events, and the seasonal emission pattern.





## 7. OSP awards

### Leo Kirchmaier awarded 2013 Outstanding Student Poster (OSP) Award



The 2013 Outstanding Student Poster (OSP) Awards is awarded to Leo Kirchmaier for the poster entitled:

***Comparison of the elemental composition of different hard parts (otoliths, scales, fin rays, vertebrae and eye lenses) of freshwater fish using ICPMS*** (Kirchmaier, L.; Zitek, A.; Irrgeher, J.; Prohaska, T.).

Leo Kirchmaier is a Master student at the VIRIS Laboratory (head: Thomas Prohaska), Department of Chemistry, at the University of Natural Resources and Life Sciences, Vienna. In his poster at the 2013 EGU General Assembly, he presented the first results on a case study of fish from Danube River showing significant differences between the multi-element compositions of fish hard parts.



## Union Medals

Alfred Wegener Medal & Honorary Membership  
Atmospheric, hydrological or ocean sciences

Arne Richter Award for Outstanding Young Scientists

## Division Medals

Vladimir Ivanovich Vernadsky Medal

Division Outstanding Young Scientists Award

## Union Assembly Awards

Outstanding Student Poster (OSP) Awards – Council: more obvious indication for the OSP participates.



## Vladimir Ivanovich Vernadsky Medal for 2015

- Nomination letter (1 page).
- Curriculum Vitae (2 pages). A summary of the candidate's CV, including the candidate's name, address, history of employment, degrees, research experience, honours, and service to the community.
- Selected bibliography (2 pages). A list of selected publications by the candidate that best support the nomination. It should also state briefly the candidate's total number and types of publications and citations.
- Supporting letters. Between 3 and 5 letters of support (maximum 1 page each) should be submitted. These letters should clearly establish the nominee's recognized contribution to the field.



## Outstanding Student Poster (OSP) Award 2014

Eligible for the Outstanding Student Poster (OSP) Award are students that:

- are first author and personally present the poster at the conference;
- satisfy one of the following criteria:
- are a current undergraduate (e.g., BSc) or postgraduate (e.g., MSc, PhD) student;
- are a recent undergraduate or postgraduate student (conferral of degree after 1 January of the year preceding the conference) who are presenting her/his thesis work.
- Once the programme has been finalized, authors presenting a poster are invited to register for the award. Their data are then transferred to the respective Division Award Committee, which selects the best poster paper at the meeting.
- Please note that each author can register only ONE poster for the OSP contest at the Assembly.

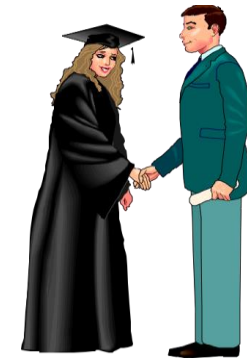
<http://www.egu.eu/awards-medals>





Registration through EGU website

# Outstanding Student Poster Award Procedure



BG BM 2013



Vote by Award Com. chairs & coordinator



Ranking based on evaluation by judges



Poster evaluation based on a form with different criteria (scientific, presentation & overall)



Min. 2 judges per poster assigned by convener+convenor

Registration by PhD student

# For the award winners



**EGU website**





## 8. Suggestions regarding the Activities of the Union, such as Meetings, Publications and Outreach Activities

### Suggestions for (a) Topical Conference(s):

- procedure for this is on the EGU website
- organisational support from Copernicus

Pictures for **Imaggeo** (online open access geosciences image repository of the EGU)

General comments: <http://tinyurl.com/EGU2012GA-feedback>



## Acknowledgements

- Division Scientific Officers & Programme Committee Members
- Session Conveners & Contributors
- Vladimir Vernadsky Medal Committee
- OSP committee members
- BG Editors, Authors, Referees
- EGU Office and Copernicus



# Biogeosciences Business Meeting 2012

## 9. Any Other Business

