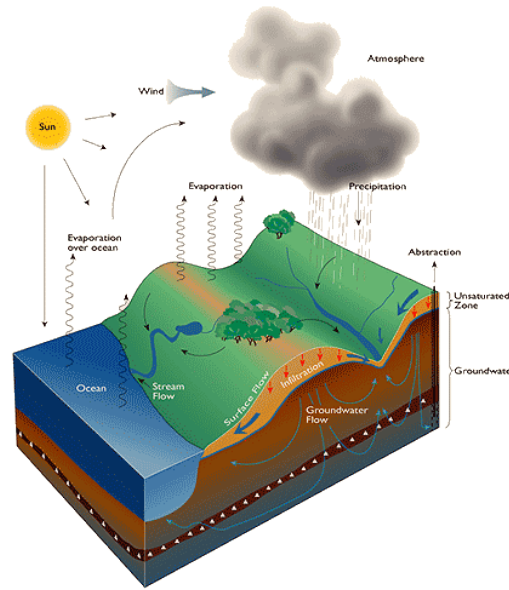




# Energy, Resources & the Environment (ERE)



## Division Meeting

Friday 12 April 12.15-13.15 hours – Room G12

Email: [ere@egu.eu](mailto:ere@egu.eu)



# What is the DM?



- **Division meetings** (DM) are organized **annually** during the General Assembly (GA).
- EGU Programme Committee (PC) takes care that the business meetings are **adequately advertised** in the GA programme.
- Division presidents and/or division representatives in the PC should advertise the business meeting at relevant sessions.
- DM are open to all interested meeting participants.  
**Young people are especially encouraged to attend.**
- Since **EGU** is a **bottom up organization** we **need** your **feedback** to improve the GA and the EGU.
- **We run the EGU for YOU!**



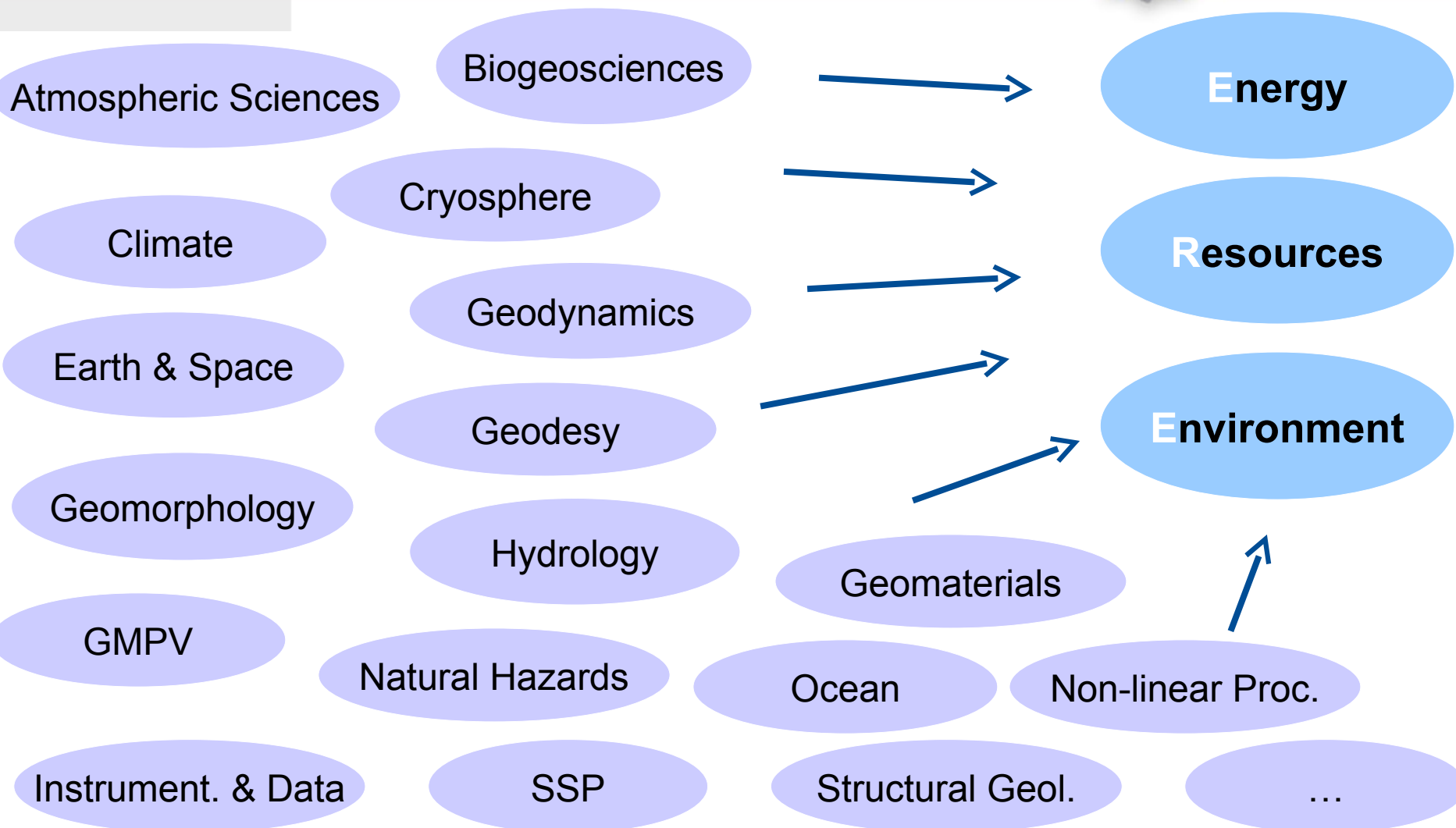
# How is EGU run?



- **Council** is the highest decision-making body in EGU.
  - Consists of the President (chair), Vice President, General Secretary, Treasurer, Division Presidents and the Executive Secretary.
- **EGU Executive**
  - Consists of the President, Vice President, General Secretary, Treasurer, and Executive Secretary.
- **EGU** has **seven Union-wide committees** reporting to Council:
  - Programme Committee (coordinates the General Assembly).
  - Outreach committee (Education, Outreach, News, and Sponsorship).
  - Publications Committee (coordinates the EGU journals).
  - Awards Committee (coordinates the EGU Medal Committees).
  - Finance Committee (oversees the EGU finances).
  - Nominations Committee (oversees nomination processes).
  - Presidential Advisory Committee (by invitation of the President).



# Interdisciplinarity of ERE





# Aim of the Division



- **EGU** brings together **geoscientists** covering all disciplines of the earth, planetary and space sciences (**interdisciplinarity**).
- We – **ERE** – bring together these scientists to ...
- ... tackle **challenges** of the future: Provide adequate and reliable supplies of affordable **energy** and other **resources**, obtained in **environmentally sustainable** ways, which will be essential to economic prosperity, environmental quality and political stability around the world.



# Agenda



1. Welcome by the previous and the new Division President
2. Agenda for the Division Meeting
3. EGU Journals – Specifically ESD (Earth System Dynamics)
4. Report on the Activities of EGU since last year
5. Report on the Activities of ERE since last year
6. Scientific Programme of ERE - 2013 and next year
7. Division Officers
8. Candidate Awards
9. Any other business



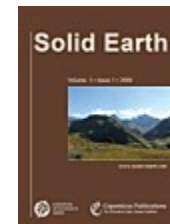
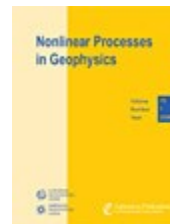
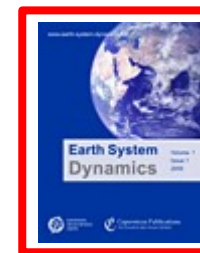
# EGU Journals



- **Advantages of Open Access**

- Immediate free access to the online article.
- Increased citation through unlimited access.
- Author retains copyright.

- **EGU Journals are extremely successful with high impact!**

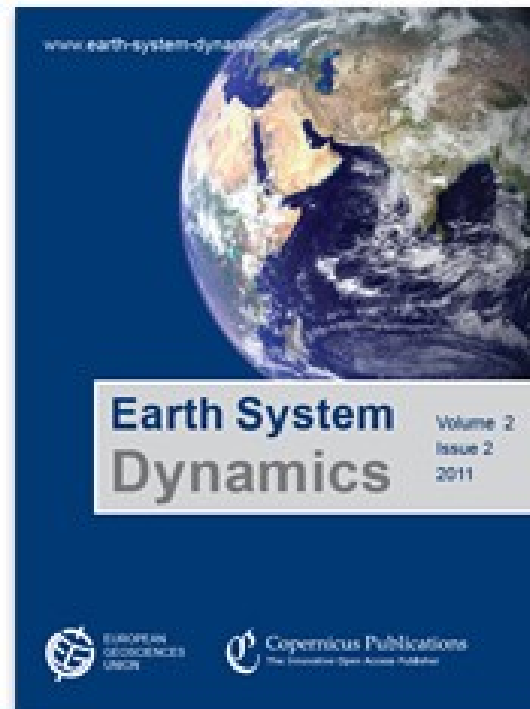




# Earth System Dynamics



- **Axel Kleidon – Chief Editor of ESD – would like to make you aware of the journal and as well receive input.**



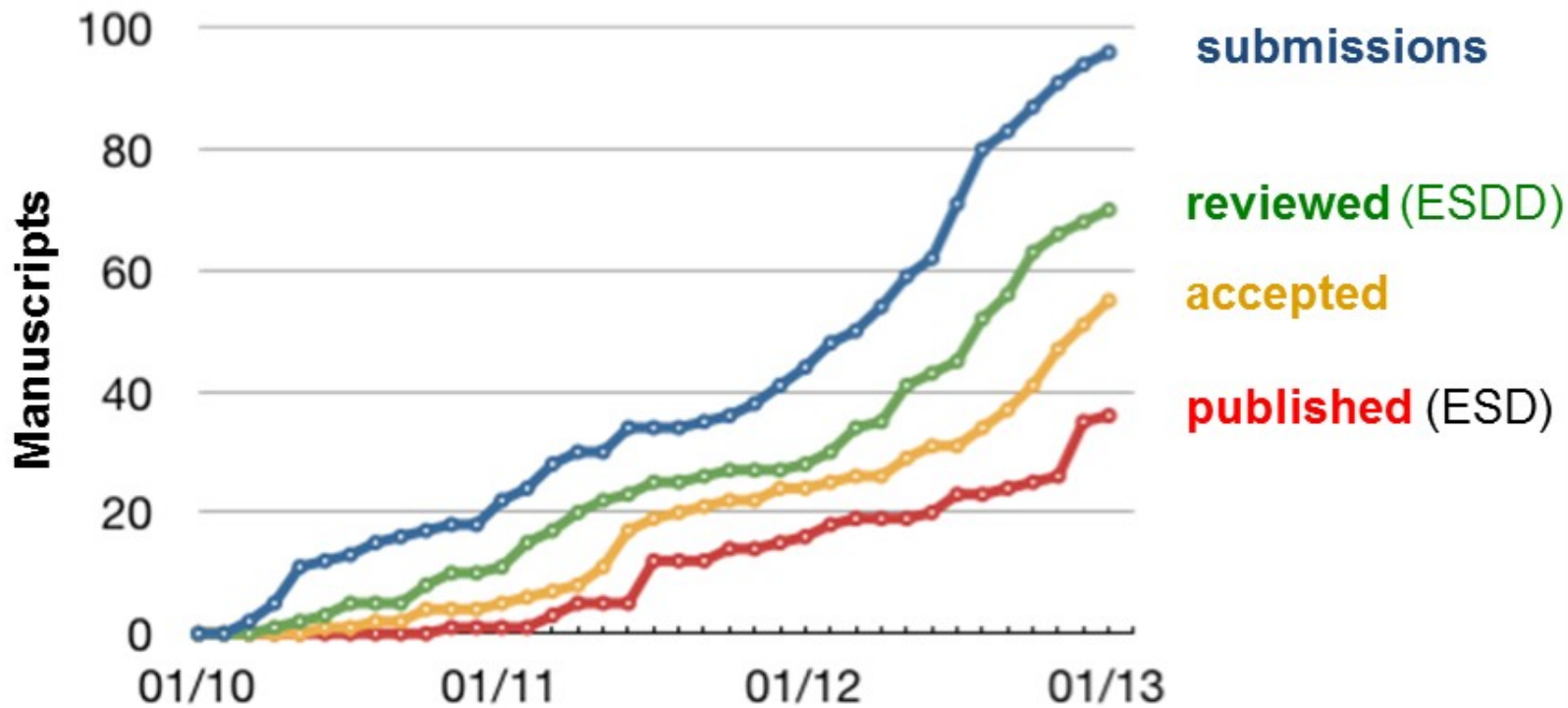




# Earth System Dynamics

- **interdisciplinary** journal of the EGU: focus on Earth as a system
- relatively new, started during 2010
- open review, open access
- **main areas:**
  - **Dynamics** of the Earth system: e.g., theory, dynamical systems, interactions, climatology, climate dynamics
  - Earth system **change**: e.g., climate prediction, future climate change, impacts of climatic change, integrated assessment
  - **Management** of the Earth system: e.g., carbon sequestration, climate engineering, renewable energy
- chief editors: Axel Kleidon, Ning Zeng
- editorial board: 28 editors, international, still growing

## Submissions since 2010



## Goals for Earth System Dynamics

- to become a **leading journal** for **interdisciplinary research** in **Earth system science** and **Global Change** research
- recruit more chief editors (physical climatology, global change)
- ISI-listing (has been applied for in Feb 2013)
  
- **no page charges** in 2013
- we welcome your involvement (submissions, special issues, etc)!
- **Contact:**
  - Axel Kleidon ([akleidon@bgc-jena.mpg.de](mailto:akleidon@bgc-jena.mpg.de))
  - Ning Zeng ([zeng@atmos.umd.edu](mailto:zeng@atmos.umd.edu))



# Activities of EGU



- **EGU Executive Secretary and Office**

- Executive Secretary - Philippe Courtial.
- EGU Office - Luisenstr. 37, 80333 Munich, Germany.



- **Future General Assemblies**

- 27 April – 2 May 2014 – Vienna.
- EGU to sign for further 5 years.

- **New committee**

- TC – Topical events Committee  
(topical meetings, conference series, workshops, training schools)

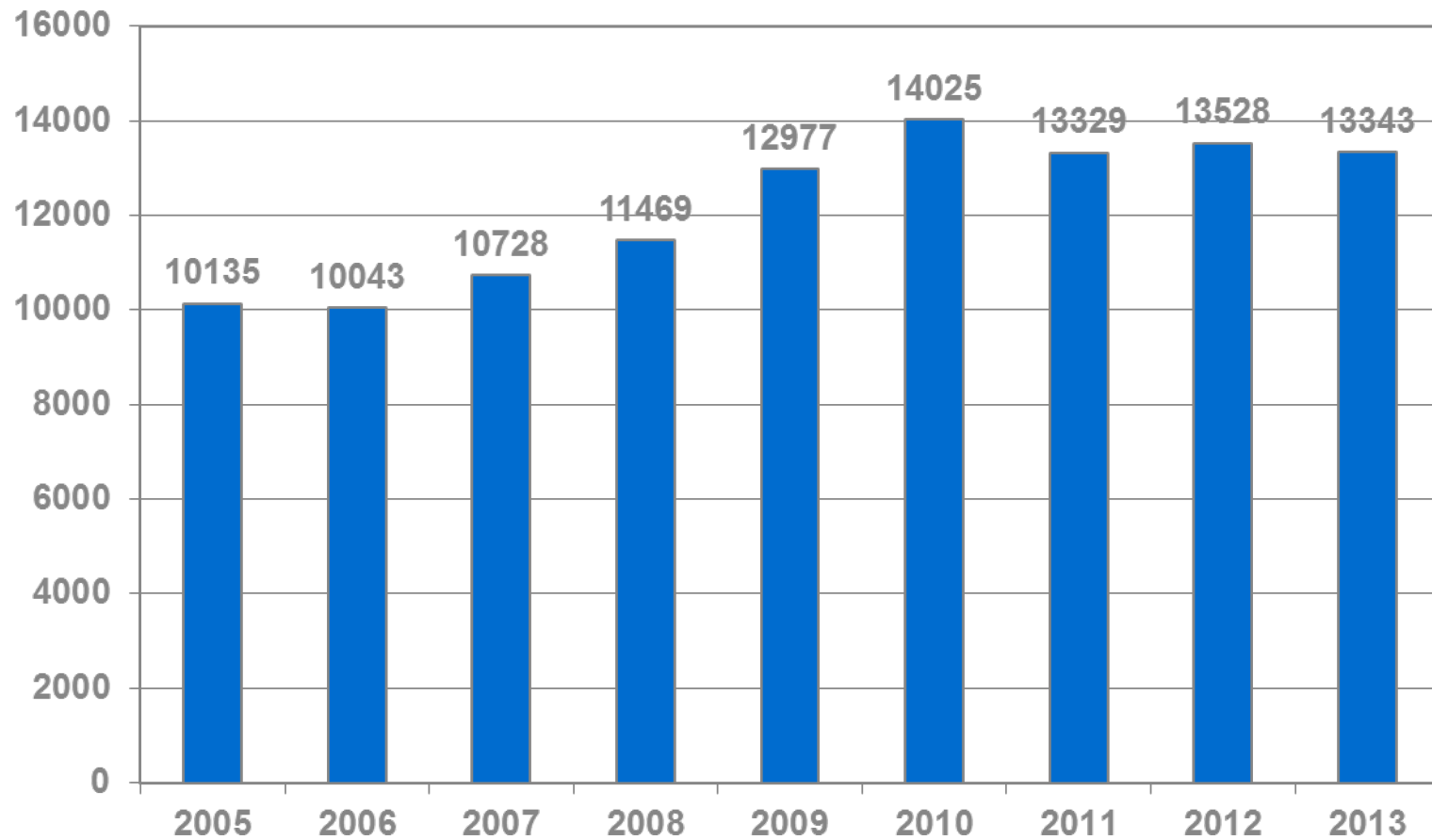


- **Scientific Program 2013**

- PICO (Presenting Interactive Content), new feature in the program.
- 13,343 (35% oral, 3% PICO, 62% poster) contributions in 448 sessions (number is going down – that is good).
- > 9.876 participants registered until last Saturday.

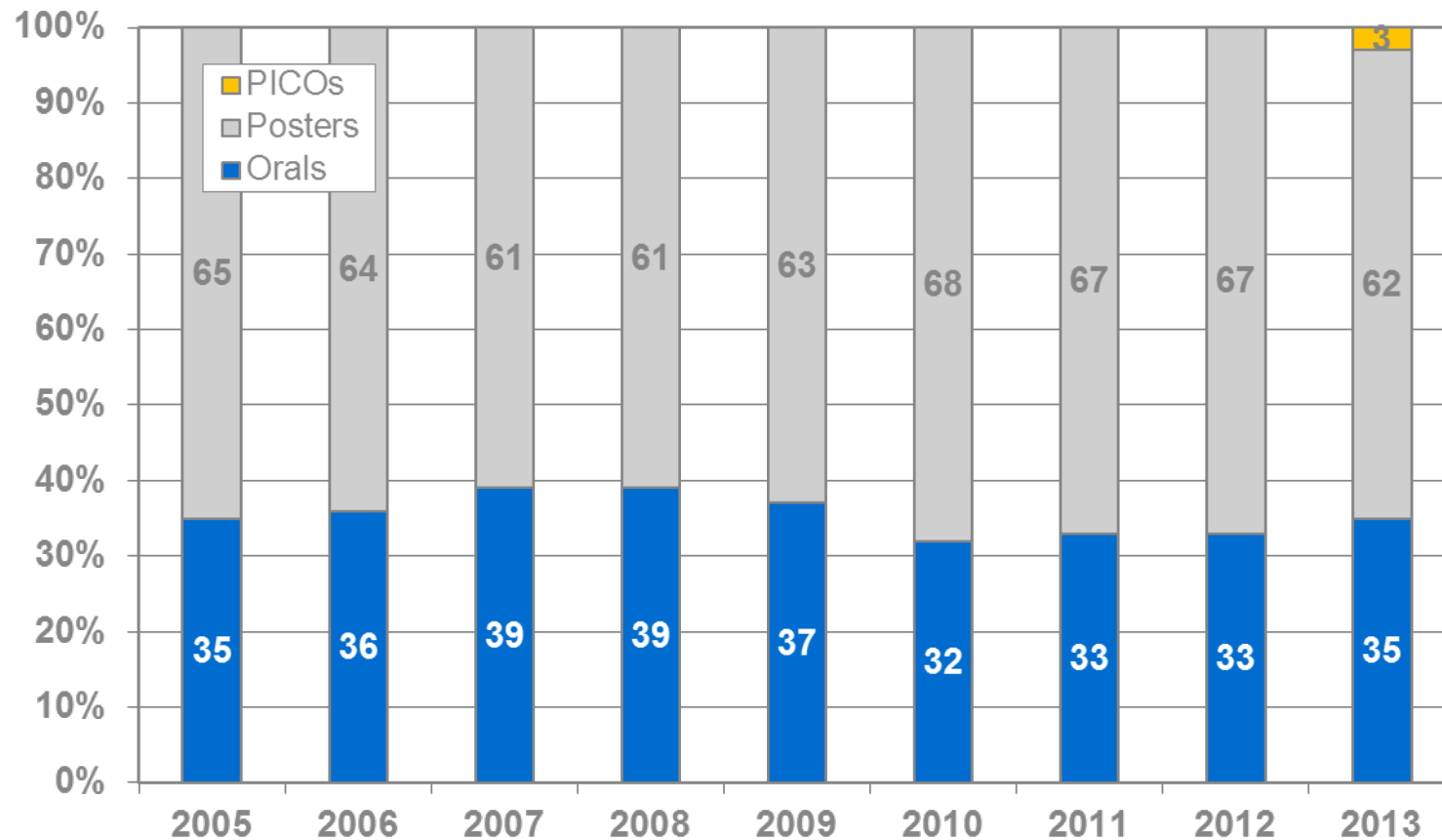


# Abstract statistics



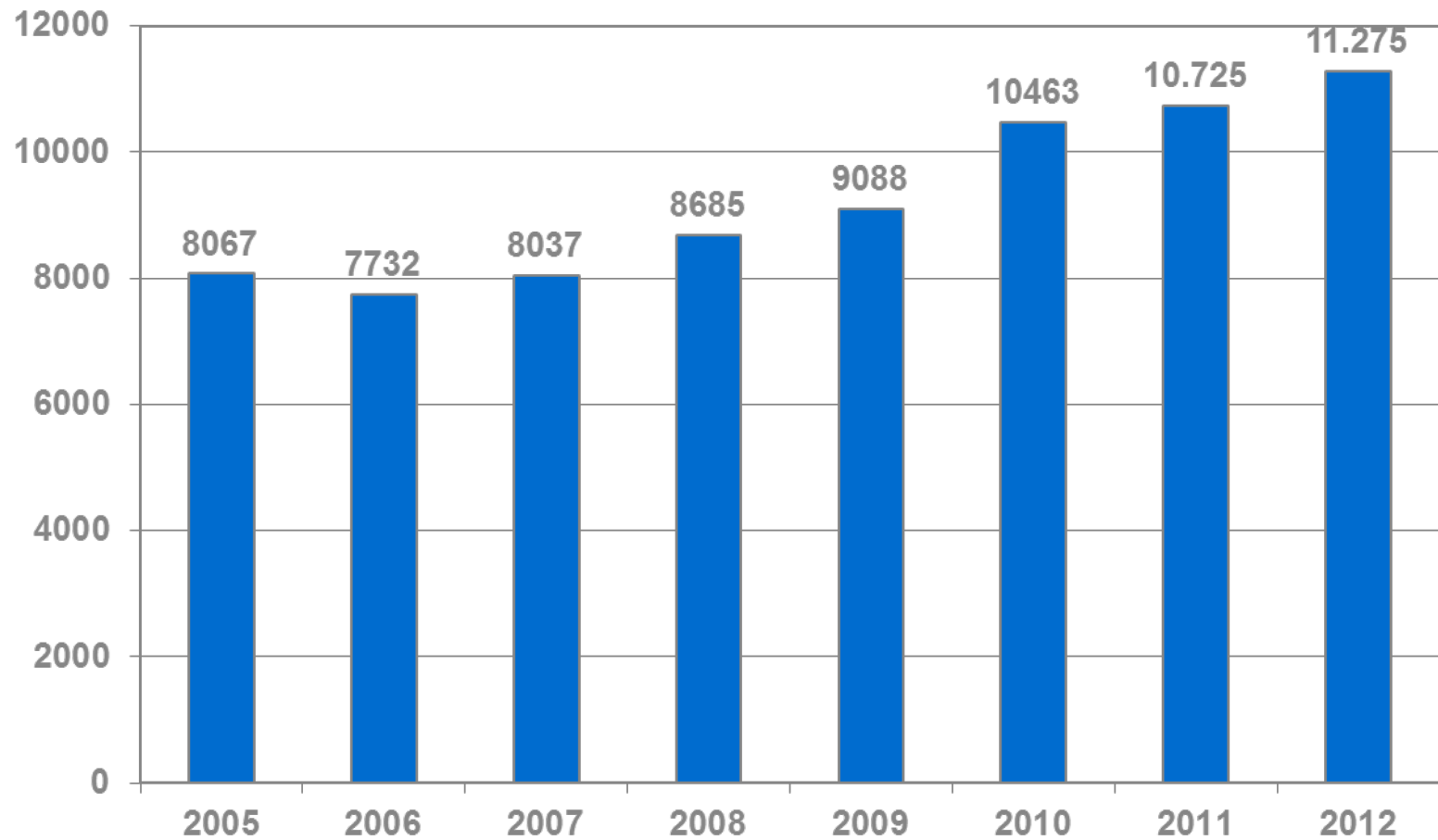


# Presentation ratio





# Participants



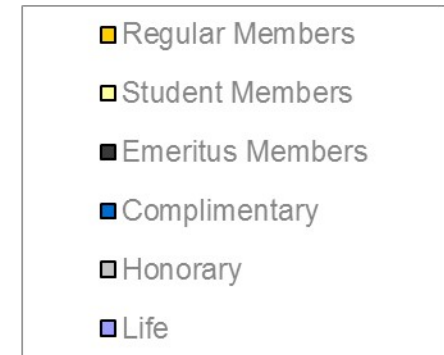
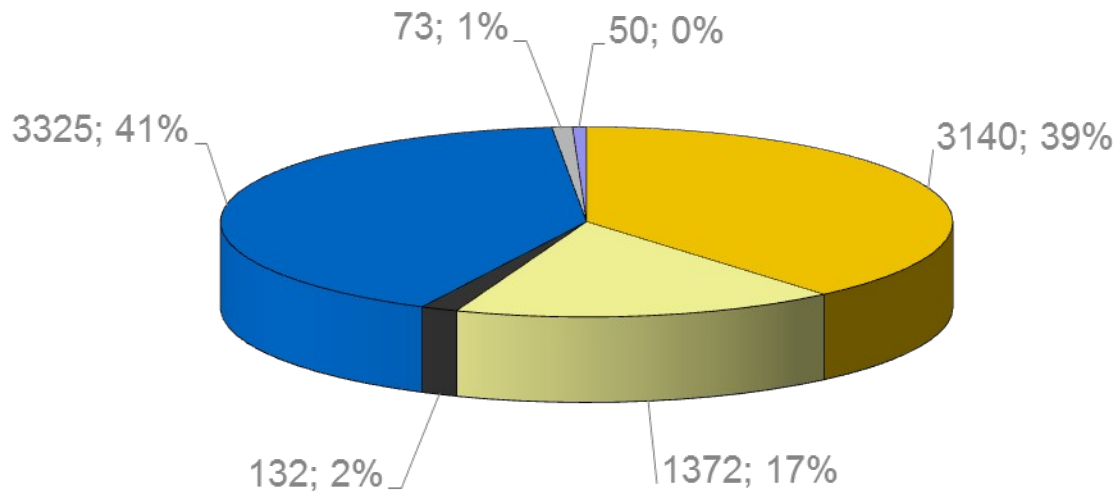


# EGU memberships



As of 4<sup>th</sup> April 2013: 8,092 Members

- 3,325 complimentary
- 4,767 paid







# Communication at GA



- **EGU Today**

- EGU Today is a daily newsletter highlighting interesting workshops, lectures and films at GeoCinema, amongst activities at the GA.
- Paper copies were distributed daily and are available to download.

- **Blogs**

- GeoLog & the EGU Blog Network shared great sessions, research, interviews and more throughout the assembly.
- Follow them here: [geolog.egu.eu](http://geolog.egu.eu) and [blogs.egu.eu](http://blogs.egu.eu)

- **Social Media**

- Sessions were advertised on Twitter (@EuroGeosciences) and Facebook (European Geosciences Union).
- Participants could ask questions & keep updated by following #egu2013.



[www.egu.eu/meetings/calendar/](http://www.egu.eu/meetings/calendar/)



**Why not  
advertising a  
meeting you  
are organising  
in the EGU  
meetings  
calendar?**





# National Societies Section



## New National Geoscientific Societies Section in EGU Website

- ✓ Society members responsible to upload the **content** through on-line form.
- ✓ **Review** of the content by the EGU Office.

The screenshot shows the website for the European Geosciences Union (EGU) National Geoscientific Societies. The header includes the EGU logo, the text 'European Geosciences Union National Geoscientific Societies', and a navigation menu with links for 'General Assembly 2013', 'Divisions', 'Membership', 'Contact', 'Login', and 'Division Pages'. A 'Menu' sidebar on the left lists 'Home', 'Meetings', 'Field Trips', and 'Teaching Resources', along with a 'Back to EGU Website' button. Below the menu are social media icons for Twitter, Facebook, Google+, LinkedIn, and YouTube, and a 'Links' section with buttons for 'GEOLOG', 'EGU TV', and 'ima ggeo'. The main content area is titled 'National Geoscientific Societies' and contains a yellow box with the text: 'If you are interested adding a national geoscientific society to this list please use the [GeoSociety Submission Form](#).' Below this, a single entry is listed: '▪ [Albanian Geophysical Test Society](#)'. The footer of the page contains the same navigation menu as the header and a 'Top' link.



## Menu

- Home
- About EGU
- EGU Structure
- Meetings
- Publications
- Outreach & Education
- News & Press
- Awards & Medals
- Membership
- Elections
- Collaborations
- Jobs

## Find us on



## Jobs



The EGU offers a platform for job seekers to find vacancies in the Earth, planetary and space sciences. Available research positions are displayed below.

Employers can post a vacancy by filling the [Jobs Submission Form](#).

Sort by

30 Total Result(s)

### 1. One post-doc and one PhD position Earth Surface Dynamics

University of Geneva, Geneva, Switzerland

Application Deadline: Open until the position is filled

The Department of Earth Sciences at the University of Geneva invites applications for two Swiss National Science Foundation fellowships in the field of earth surface dynamics where laboratory and numerical experiments will be performed to understand landscape response to extreme deformation and extreme climate change. Drainage net ...

[ [Read more](#) ]

### 2. ESR-PhD, fracture physics/geophysics, Marie Curie ITN FLOWTRANS, CNRS/Strasbourg

CNRS, Institut de Physique du Globe de Strasbourg, Strasbourg, France

Application Deadline: Open until the position is filled



# Activities of ERE



- **Interviews with ERE president about division**
  - International Innovation (August 2011) and
  - GEOQ #1 (March 2012)
- **Press Conferences 2012**
  - Reducing greenhouse gas emissions:  
Renewable energy & CO<sub>2</sub> storage (contribution from ERE1.1)
  - How critical are strategic mineral resources?  
(contribution from GMPV1.4/ERE3.5)
- **Press Conferences 2013**
  - Can we undo climate warming? (contribution from ERE1.1)
- **Great Debate 2013**
  - Shale Gas: To frack or not to frack? (co-organized by ERE)



# Activities of ERE



- **Scientific Program 2010**

- 208 contributions (with ERE in lead) in 14 sessions - 1.4 % of EGU
- 178 contributions in 2009 – increase of 17 %

- **Scientific Program 2011**

- 395 contributions (with ERE in lead) in 13 sessions – 3 % of EGU
- increase from 2010 of ca. 100 %

- **Scientific Program 2012**

- 418 contributions (with ERE in lead) in 14 sessions – 3 % of EGU
- 74 contributions (add. ERE not in lead) in 3 sessions

- **Scientific Program 2013**

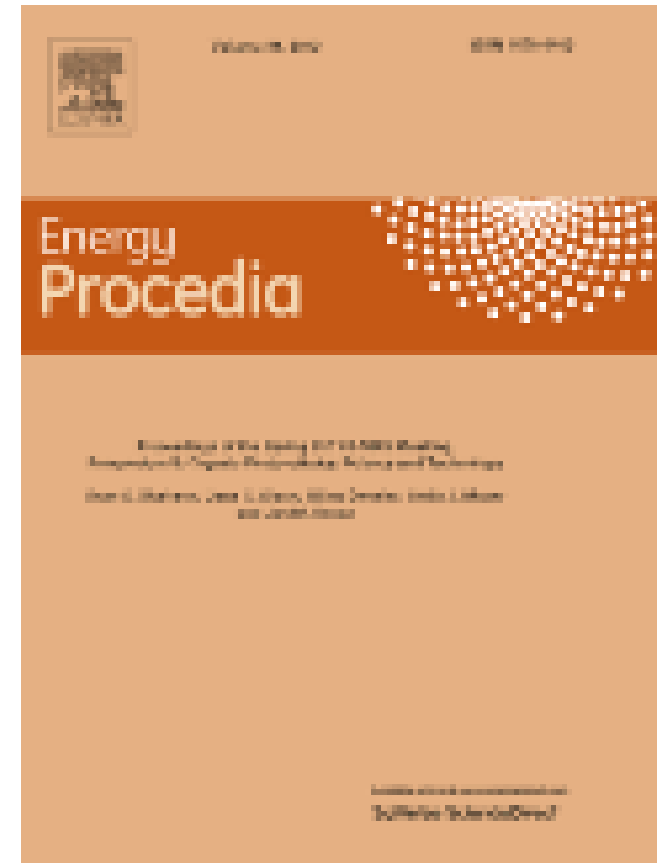
- 398 contributions (with ERE in lead) in 16 sessions – 3 % of EGU
- 90 contributions (add. ERE not in lead) in 4 sessions



# Energy Procedia



- Issue in August 2013 from ERE.
- Any presentation from division.
- Deadline 31<sup>st</sup> May 2013.
- Extended abstract (3-10 pages).
- € 60 publication fee.
- Template to be used.
- Review done by ERE board and convener of this year's meeting.
- Authors should have received information via mail.



<http://www.journals.elsevier.com/energy-procedia/>



# Scientific Program 2013



- **ERE1 - Energy**

- ERE1.1 - Energy, Resources & the Environment
- ERE1.2 - Energy Meteorology
- ERE1.3 - Exploration, ... and production of geothermal resources
- ERE1.5 - Petrophysics of unconventional hydrocarbon reservoirs
- ERE1.7 - Aspects of sustainable biomass utilization for energy ...
- ERE1.8 - Sustainability transitions of the socio-ecologic system
- ERE1.10 - Geoenergy

- **ERE2 – Carbon Capture and Storage (CCS)**

- ERE2.1 - Long-term storage of CO<sub>2</sub> in geological systems: ...
- ERE2.2 - Field methods and analysis ... for CO<sub>2</sub> geological storage
- ERE2.3 - Modelling and upscaling of CO<sub>2</sub> storage sites
- ERE2.4 - Geophysical monitoring of CO<sub>2</sub> geological storage





# Scientific Program 2012



- **ERE3 – Hydrothermal and Mineral Systems – Materials and Elements**
  - ERE3.1 - Structural interpretation and evolution of mineral systems
  - ERE3.3 - Sustainability of traditional construction materials ...
  - ERE3.4 - Natural stone research and Heritage stone designation
- **ERE4 – Landscape and Land Use**
  - ERE4.1 - Ecosystem Resilience and Adaptation to Energy Technol.
- **ERE5 – Others**
  - ERE5.1 - Measurement of Greenhouse Gases at the Urban Scale



# Scientific Program 2014



- **Setting up skeleton programme now**

- Keep our aim in mind: Energy, Resources & the Environment.
- Strengthen topics and rotate conveners.
- No duplication / overlap among sessions.
- Try to cover emerging topics.
- Encourage interdisciplinarity.
- Sessions < 20 papers: Will be merged in ERE or across divisions

Program 2014 – Give your feed back



# Division Officers



- **Recently:**

- President/PG Chair: Chris Juhlin (elected 2013-2015)
- Vice President: Michael Kühn
- Officer “subsurface”: Tim Tambach
- Officer “above ground”: Viktor Bruckman
- Officer Outreach & Education: Maria Ask

- **New position:**

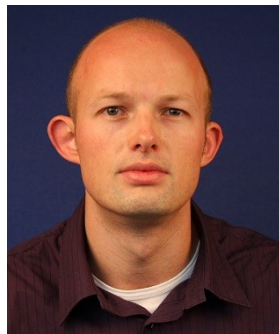
- Economics & Integration: Hermann Held



Chris Juhlin



Michael Kühn



Tim Tambach



Viktor Bruckman



Maria Ask



Hermann Held



# Candidates Awards



- **Outstanding Young Scientist Award:**
  - **Definition** of a young scientist: Nominee should have received PhD within last seven years and be of age 35 or younger on January 1 of the year when award is given.
  - **Nominations** for outstanding young scientist award are sought by an open call, including discussion at the division business meetings.
  - **Proposals submitted** to Division president by 15<sup>th</sup> June.
- **Outstanding Student Poster Presentation (OSP):**
  - **Registration** is open in association with abstract submission.
  - Division president collects **team to review** the posters.
  - **This year 16 applications (last year 33).**
  - Picture, poster **published** on **EGU homepage / newsletter.**
  - Receives conference **fee waiver** for the **next EGU GA.**
  - **Publication** free of charge in EGU Journal (normal peer review).



# Outstanding Student Poster Presentation 2012



- **Outstanding Student Poster Presentation (OSP):**
  - The European Geosciences Union (EGU) presents the award to ...

**Tija Sīle**

- ... for her outstanding poster paper entitled ...
- **Estimation of wind regime from combination of RCM and NWP data in the Gulf of Riga (Baltic Sea).**
- Presented at the EGU General Assembly 22-27 April 2012, Vienna.



# Feedback / AOB



- **Your say: ...**

**Take part in the feedback survey**



**European Geosciences Union  
General Assembly 2013  
Feedback Survey**



- **... under [egu2013.eu/feedback](http://egu2013.eu/feedback)**