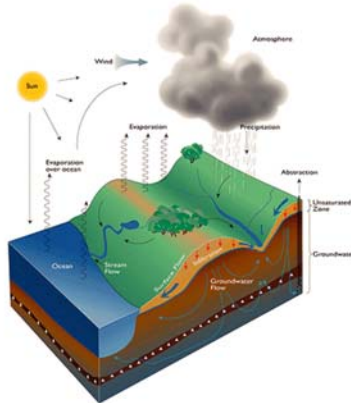




Energy, Resources & the Environment (ERE)



Division Business Meeting

Friday 27 April 12.15-13.15 hours – Room 19

Email: mkuehn@gfz-potsdam.de



What is the DBM?



- **Division business meetings** (DBM) 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.
- DBM 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!**



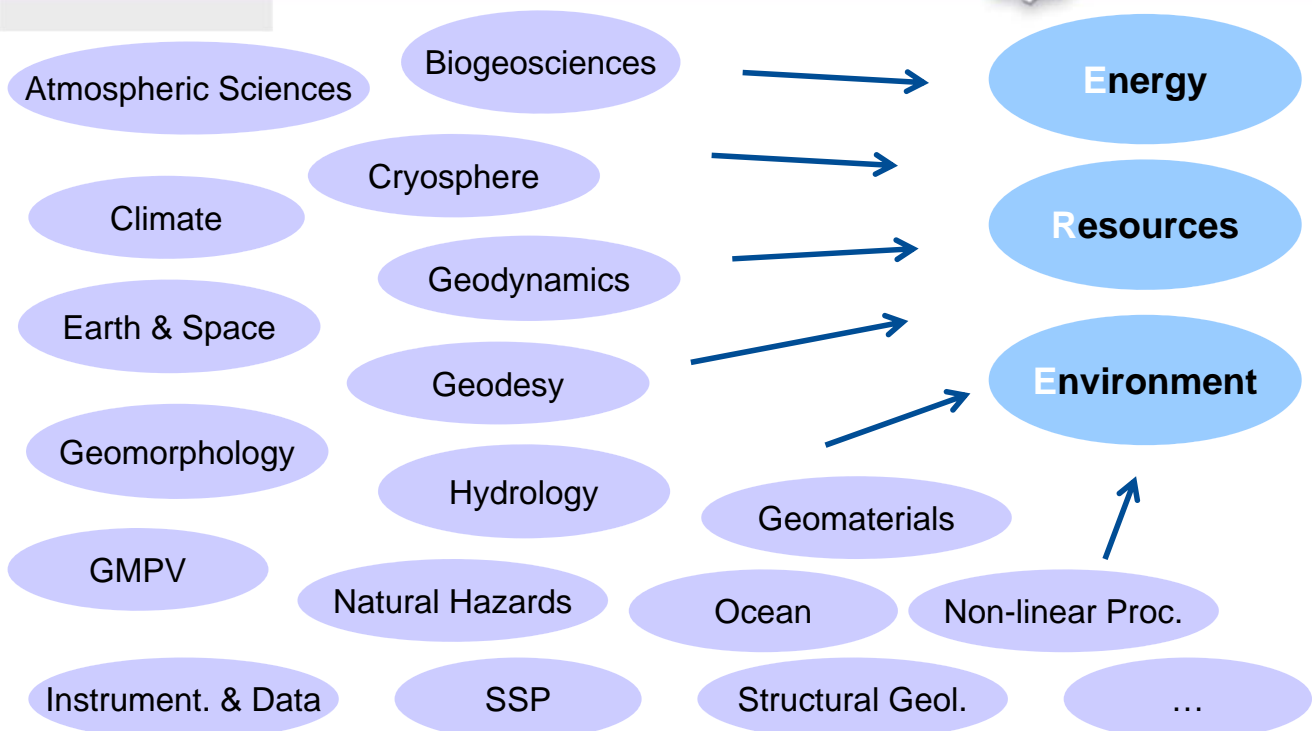
How is EGU run?



- **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(s)).



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 Division President
2. Agenda
3. Report on the Activities of EGU and the Division
4. Scientific Programme of ERE - 2012 and next year
5. Division Officers and upcoming election for new president
6. Candidate Awards
7. EGU Topical Conferences
8. EGU Journals
9. Any other business



Activities of EGU



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



- **Future General Assemblies**
 - 7–12 April 2013 – Vienna.
 - 2014 it will also be Vienna.



- **Scientific Program 2012**
 - 13,415 (31% oral) contributions in > 500 sessions.
 - > 11,000 participants until yesterday.



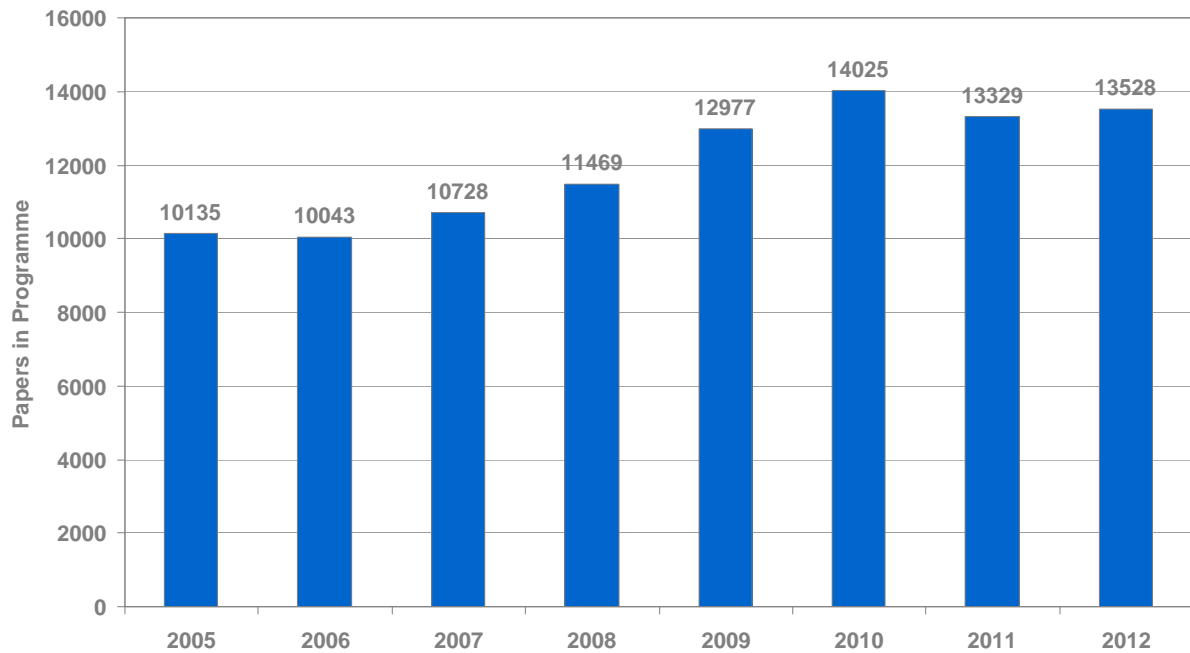
Activities of ERE



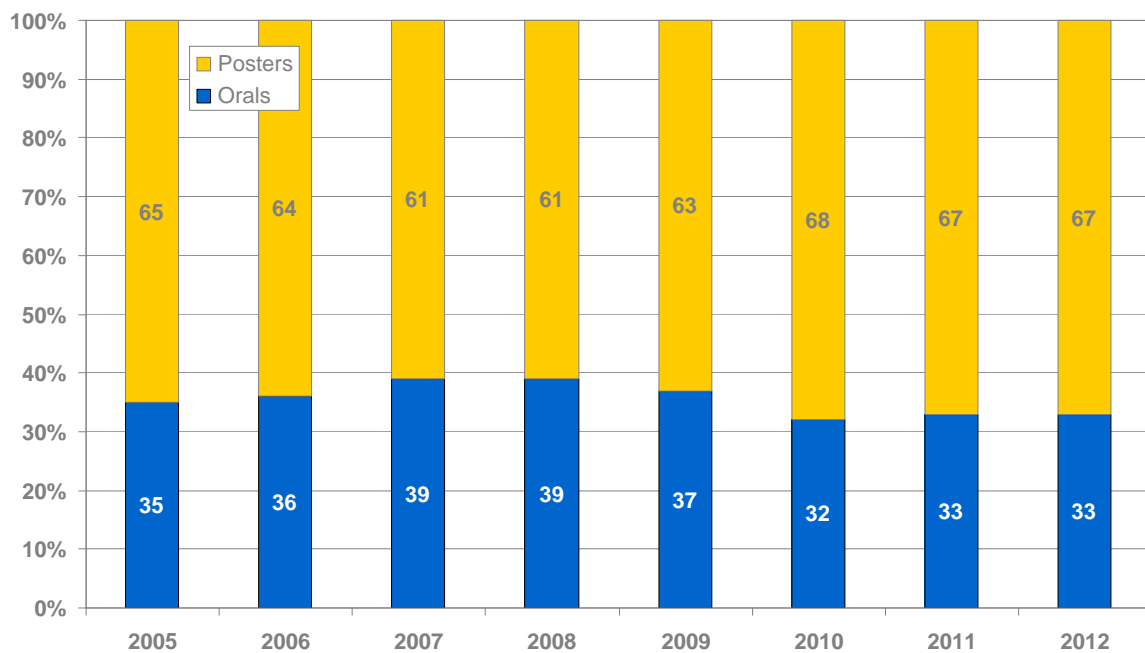
- **Scientific Program 2010**
 - 208 contribution (with ERE in lead) in 14 sessions - 1.4 % of EGU
 - 178 contributions in 2009 – increase of 17 %
- **Scientific Program 2011**
 - 395 contribution (with ERE in lead) in 13 sessions – 3 % of EGU
 - increase from 2010 of ca. 100 %
- **Scientific Program 2012**
 - 418 contribution (with ERE in lead) in 14 sessions – 3 % of EGU
 - 74 contributions (add. ERE not in lead) in 3 sessions
- **Press Conferences 2012**
 - Reducing greenhouse gas emissions:
Renewable energy & CO₂ storage (contribution from ERE1.1)
 - How critical are strategic mineral resources?
(contribution from GMPV1.4/ERE3.5)



Abstract statistics

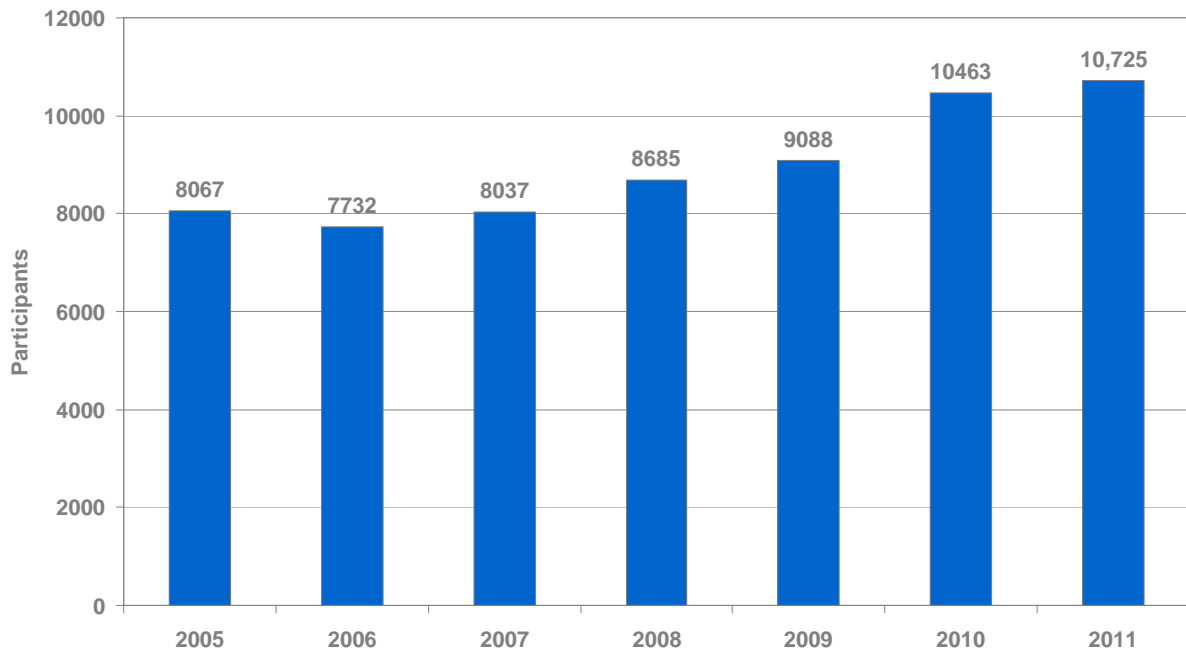


Oral to poster ratio





Participants

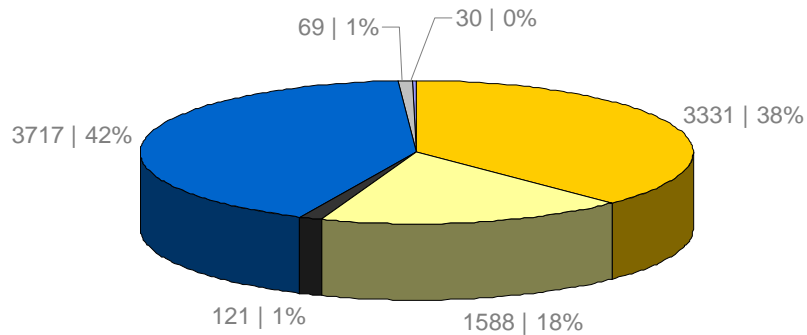
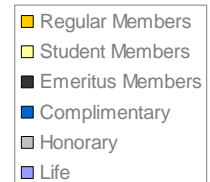


EGU memberships



As of 19 April 2012: 8,856 Members

- 3,717 complimentary
- 5,139 paid





Scientific Program 2012



- **ERE1 - Energy**

- ERE1.1 - Energy, Resources & the Environment
- ERE1.2 - Wind Power Meteorology
- ERE1.4 - GeoEnergy
- ERE1.6 - Deep geothermal energy – ...
- ERE1.8 - Aspects of Biomass utilization from Forests and other ...
- ERE1.12 - Sustainability transitions of the socio-ecologic system

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

- ERE2.1 - Long-term storage of CO₂ in geological systems: ...
- ERE2.2 - Site Characterization for CO₂ Geological Storage Sites
- ERE2.4 - Modelling and upscaling of CO₂ storage sites
- ERE2.6/SM3.8 - Geophysical imaging of CO₂ geological storage sites



Scientific Program 2012



- **ERE3 – Hydrothermal and Mineral Systems – Materials and Elements**

- ERE3.1 - Mineral systems: from geological, geochemical and geophysical data to metallogenic systems simulation
- ERE3.3 - Traditional construction materials and monuments in modern society: present day threats and sustainable management

- **ERE4 – Landscape and Land Use**

- **ERE5 – Others**

- ERE5.2 - Measurement of Greenhouse Gases at the Urban Scale
- ERE5.3/GMPV6.7/HS8.2.8/SSS5.22 - Coupled Physical and Chemical Transformations Affecting the Performance of GeoSystems



Scientific Program 2013



- **Setting up skeleton programme now**

- Keep our aim in mind: Energy, Resources & the Environment.
- Rotation of topics and 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 2013 – Give your feed back



Division Officers



- **Recently:**

- President: Michael Kühn (elected 2009-2013)
- Vice President: Hermann Held
- Officer "subsurface": Andreas Busch
- Officer "above ground": Viktor Bruckman
- Officer EONS: Thomas Kempka



Michael Kühn



Hermann Held



Andreas Busch



Viktor Bruckman



Thomas Kempka



Election of president



- **Division president:**
 - Division presidents are elected for a **two-year term** and can be **re-elected once**. Maximum duration of a term is thus four years, from General Assembly to General Assembly.
 - Anybody is eligible but should have experience with EGU/ERE.
- **Election process:**
 - Nominations for Division President are sought by an **open call**.
 - **Council evaluates** and selects the **candidates** for voting.
 - The **EGU membership votes** for the Division President.
- **Election schedule:**
 - **Application** via web from **beginning August to end September**.
 - Council **evaluates** during meeting in **October**.
 - **Membership votes** via web from beginning to end of **November**.



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 15th June.
- **Outstanding Student Poster Presentation (OSP):**
 - **Registration** is open in association with abstract submission.
 - Division president collects **team to review** the posters.
 - **This year 39 applications**.
 - Picture, poster **published** on **EGU homepage / newsletter**.
 - Receives conference **fee waiver** for the **next EGU GA**.



Division Outstanding Young Scientist Award 2011



The Division Outstanding Young Scientist Award recognizes scientific achievements in the field covered by the related Division, made by a young scientist.

Suzanne Hangx

... for her outstanding contribution to understanding the mechanical and chemical effects of CO₂ on rock materials, in the context of geological storage of CO₂.



Outstanding Student Poster Presentation 2011



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

Anna Arizzi

- ... for her outstanding poster paper entitled ...
- **Testing the hardened properties of mortars prepared according to the Wet Packing Method: is this model truly successful?**
- Presented at the EGU General Assembly 3-8 April 2011, Vienna.



Report from EONS



- **Outreach committee** coordinates the activities for: **E**ducation, **O**utreach, **N**ews, and **S**ponsorship.
- **Press conference** – 16 % came from ERE (3 % of abstracts).
- **IMAGEO**: Take part or serve yourself.
- **Summer schools** supported with up to 5.000 €. Proposal handled like topical conferences (next slide).



EGU Topical Conferences



- In addition to General Assembly, **EGU** can **organize** and/or **support** topical conferences.
- Topical conferences may receive support from EGU, but financial risk and responsibility lies with the main organizer.
- **Proposals** for topical conferences are sought by an open call. The **deadline** for applications submitted to the Executive Secretary is September 1.
- **EONS committee reviews** proposals and presents them to Council at the Council Fall meeting.
- EONS committee **approves** the conferences within its budget approved by the Council.



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!**



Feedback / AOB



- **Your say: ...**

You can give written feedback on EGU GA

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

- **Attendance of ca. 30 people.**
- **Find a way to make ERE more visible or known within other divisions. Presentation of relevant aspects in respective xyz1.1 session.**
- **Rename DBM to something else. The younger people who do not know, do not dear to go there.**