

Minutes of the AS Division meeting 16h of April, 2015, Vienna

The meeting was attended by 130 people.
The agenda was the following:

1. EGU in 2015 (and in the future)
2. AS Medalists and awards (including approval of Medal Committee)
3. Outreach & Education
4. Young Scientists
5. AS structure (needs approval)
6. AS in 2015 (and future, opportunity to give feedback)
7. Meetings & Future Assembly
8. Any other business

1. EGU in 2015 (and in the future)

1.1 GA Statistics

As of April 7th, 2015, the General Assembly (GA) of EGU collected 14,231 papers in the program (a slight decrease compared to 2014 with -4.46%). Of those papers, 4,900 were oral presentations, 8,608 were posters and 723 were PICO (Presenting Interactive Content). The average ratio of oral/poster/PICOs is 35% / 61% / 5%. In total there were 379 unique scientific and 285 Side Events. At the end of the conference, it is estimated that the total number of participants will be just below 12,000.

1.2 New future structure of EGU

The current non-profit organization of EGU is located in France. This is also where the financial office is situated (in Strasbourg). However, the executive office, which is responsible for running the day-to-day activities of the Union, is setup in Munich, Germany. *Copernicus*, who manages e.g. the EGU journals and the GA is also located in Germany. This situation, with two offices in two countries is not ideal, and the EGU Council is currently implementing a new structure that will be based all together in Germany. The new structure will consist of a new non-profit EGU association (EGU e.V) together with a limited liability company (EGU GmbH) which will handle the finances. It will take 5-10 years to fully implement the new structure. Most members will most likely not notice anything of this implementation, and nothing regarding the membership will be changed.

1.3 EGU publications

EGU runs several Open Access Journals that are related to the Atmospheric Sciences Division:

- Atmospheric Chemistry & Physics (ACP), impact factor 5.3
- Atmospheric Measurement Techniques (AMT), impact factor 3.2
- Annales Geophysicae (ANGEO), impact factor 1.7
- Geoscientific Model Development (GMD) ~, impact factor 6.0

There are 13 more journals on Biogeosciences, Climate, Cryosphere, Earth System Dynamics, Hydrology, Natural Hazards, Oceans, Soil ... published by EGU as open access journals.

Background Information on Open Access & Multi-Stage Open Peer Review: www.atmospheric-chemistry-and-physics.net/general_information/public_relations.html and links on following pages. More detailed information on EGU Journals can be found at the web page <http://www.egu.eu/publications/list-of-publications.html>. Generally, EGU Journals are in a good “health” with high citation indexes.

2. AS Medalists and awards (including approval of Medal Committee)

2.1 AS Medalists

The AS Division has three types of awards: The Vilhelm Bjerknes Medal; The AS Division Outstanding Young Scientist Award (OYSA) (this awardee is also nominated for the Union Arne Richter Award for Outstanding Young Scientists) and the EGU Outstanding student poster (OSP) award. AS also noted that Sergej Zilitinkevich (who received the Vilhelm Bjerknes Medal in 2000) received the Union Alfred Wegener Medal and Honorary Membership.

2.2 Vilhelm Bjerknes Medal

No Vilhelm Bjerknes Medal was unfortunately handed out in 2015. The reason was that there was only one single nomination. All AS Division members are very much encouraged to submit suggestions for the 2016 award. For the 2016 nominations, the submission deadline is 15 June 2015. The nomination package should include:

- Nomination letter (1 page)
- CV (2 pages)
- Selected biography (2 pages)
- Support letters (3 to 5, 1 page each)

More details on the submission procedures and nomination are provided at the EGU web site: www.egu.eu/awards-medals.

To ensure that the Medal candidates are properly evaluated, the AS Division also had to approve the suggested Vilhelm Bjerknes Medal Committee. The following composition was approved by AS Division (130 votes “for”, 0 votes “against”, 0 abstentions):

- Chair: Dr. Adrian Simmons
- Members: Dr. John Burrows, Dr. Urs Baltensperger, Dr. Markku Kulmala.

2.2 OYSA award

The 2015 AS Division Outstanding Young Scientist Award was given to Richard Davy for his work on “innovative contributions to improving the understanding of the role of the planetary boundary layer in the climate of the Earth and of other planets”.

All AS Division members are very much encouraged to submit suggestions for the 2016 OYSA award. For the 2016 nominations, the submission deadline is 15 June 2015. The nomination package should include:

- Nomination letter (1/2 page)
- CV (1 page)
- Selected biography (1/2 pages)

The definition of an EGU Young Scientist is that by 1 January of the year when the award is presented, the candidate should be: an undergraduate or postgraduate student, or received his/her degree within last 7 years and be below 35 years of age. In addition, where appropriate, up to one year of parental leave may be added per child. More details on the submission procedures and nomination are provided at the EGU web site: www.egu.eu/awards-medals.

2.3 EGU OSP award

There are two main targets with the OSP awards:

- To foster the excitement of **younger colleagues** in presenting their work in form of a poster.
- To further improve the overall quality of poster presentations

More details can be found on: <http://www.egu.eu/awards-medals/union-osp-award>.

For the AS Division, the OSP contest coordinator is Prodromos Zanis. In 2014, 236 posters were submitted to the competition. Unfortunately, only 113 of these posters were evaluated according to the protocol. It is extremely important that all conveners and co-conveners assign judges to the OSP candidates in their sessions *and* make sure that the judges hand in their evaluation forms.

Four EGU 2014 there were the following four winners of an OSP award:

- **Cătălin Negrea** “Gravity Wave Detection Methodology Using Dynasonde Data”
- **Lukas Strauss** “Mountain Wave-Induced Turbulence – “Lower Turbulent Zones” Revisited”
- **Malte Rieck** “The influence of land-surface heterogeneities on cloud size development”
- **Stefanie Augustin-Bauditz** ” The immersion freezing behavior of mixtures of mineral dust and biological substances”

For the 2015 competition, 127 applications have been submitted and referees have been assigned to all these candidates (three for each poster). However, the AS president forwarded information from Prodromos Zanis that it is the conveners and co-conveners work to assign judges, and not all conveners has done their work. In quite a few cases, Prodromos Zanis had to assign judges himself. It is also extremely important that the conveners and co-conveners make sure that the judges fill in their reports and submit them in the new online system. There has to be three reports for each poster, otherwise the evaluation is not complete.

3. Outreach & Education

3.1 Outreach activities

For many scientists EGU is associated with General Assembly only, while in reality the Union is much wider than just assembly (though it is a key activity together with publications). To increase the awareness of the geoscientist of the broader spectrum of EGU activities, the Union developed quite intensive outreach program (<http://www.egu.eu/outreach/>) that includes:

1. Blogs and social media
2. GeoQ Newsletter – EGU newsletter, which from this year will be distributed monthly
3. IMAGGEO- Open Access Geosciences Image Repository

4. EGU TV

EGU co-sponsors the conferences, workshops and summer schools.

3.2 Education

The Union also has an extensive education program (<http://www.egu.eu/education/>) that includes

- Geosciences Information for Teachers (GIFT) Workshop
- Planet press – geoscientific news for children
- Teacher's corner – teaching resources in geosciences
- GeoLocations Database – geological locations across Europe
- I'm a Geoscientist – engagement event connecting school students and geoscientists

3.3 Outreach activities within the AS Division

Thanks to some active members, there are also some special AS outreach activities:

- The EGU AS web page (as.egu.eu) is managed by Heiko Bozem. He is also the AS web master.
- The EGU AS Twitter (@EGU Atmos) managed by Michelle Cain
- The EGU AS Facebook managed by Michelle Cain
- The EGU AS Blog managed by Dasaraden Mauree

The EGU is very grateful to these members!

4. Young Scientists (YS)

Young scientists represent more than 40% of the participants at the general assembly. More information on the EGU YS activities can be found on: www.egu.eu/young-scientists. The general goal of the EGU with the YS network is to:

- Help YS build a network
- YS representation at EGU PC and Council
- Push YS to be more involved in scientific life at EGU
- Encourage YS to convene session

The AS Division YS representative is Michelle Cain. Michelle Cain passed on information that she welcomes help from other young scientists to run the activities of the AS division.

From next year, YS will change name to Early Career Researchers (ECR).

5. AS structure (needs approval)

Ulrich Achatz has informed that he would like to step down as Science Officer of the Meteorology Section. Nobody volunteered at the meeting, so the search will continue and meanwhile Ulrich Achatz stays at the position. The following structure of the AS Division was suggested and approved:

President	Annica Ekman
Deputy President	Oksana Tarasova

Science Officers	Ulrich Achatz (Need a new volunteer) <i>Meteorology</i>
	Hinrich Grothe <i>Atmospheric Chemistry and Aerosols</i>
	Neil Wells <i>Boundary Layer Processes</i>
Awards & Medals	Adrian Simmons
News	Heiko Bozem
Outreach & Education	Oksana Tarasova
Division Liaison	Yafang Cheng
OSP Coordinator	Prodromos Zanis
Webmaster	Heiko Bozem
YS Representative	Michelle Cain

6. AS in 2015 (and future, opportunity to give feedback)

Atmospheric Sciences Division is a third largest division of EGU. In 2015, the AS Division received 1.379 abstracts (decrease by 5% relative to 2014). However, including multi-disciplinary sessions, AS received 2.013 papers in 2015 which is exactly the same number as in 2014. The AS Program included 42 AS led sessions (4 less compared to 2014) and 20 Interdisciplinary sessions (the same number of sessions as in 2013).

In relation to the total assembly, AS receives 14% of the abstracts. The number of oral presentations was 689 (33% of all AS presentations, the corresponding number for the total Assembly is 4,874 = 33%), the number of posters 1,309 posters (64%) (total Assembly: 8,496 = 58%) and the number of PICO presentations 67 (total Assembly: 710 = 5%). 16 participants were granted with a Young Scientist Travel Award (1%).

Within the AS Division, there were in 2015:

- AS1 (Meteorology): 22 sessions (10 co-organized)
- AS2 (Boundary Layer Processes): 4 sessions (1 co-organized) (general session co-sponsored by iLEAPS)
- AS3 (Atmospheric Chemistry and Aerosols): 19 sessions (4 co-organized)
- AS4 (Inter-disciplinary): 17 sessions (13 co-organized)

No short courses were co-organized by the AS.

Oksana Tarasova was invited to the stage to inform more about PICO - Presenting Interactive Content. PICO is short, precise, scientific. And PICO is the best of both worlds. PICO is bringing the advantages of both, oral and poster, together into an innovative type of presentation which opens the opportunity to be interactive. Every PICO author presents first his/her work orally. But afterwards, all session attendees have enough time to watch the presentation again, to discuss with the author and colleagues, and to network.

In the AS Division, only two sessions were PICO. A discussion was held during the division meeting on different ways to increase the number of PICOs within the AS Division.

All participants were invited to give feedback on the GA 2015. A GA Survey is available at: www.egu2015.eu/feedback. Information about the survey will also be distributed via email to participants and EGU members after GA. The survey will close mid-June.

It is important to note that EGU General Assembly presentations take place for a whole week, Monday to Friday from 08:30-19:00. The AS Division had 22 sessions on Friday (16 sessions 13:30-19:00) and 6 sessions Monday 8:30-12:00.

7. Meetings & Future Assembly

The EGU Meetings Programme is dedicated to the pursuit of progress in all areas of the Earth, planetary and space sciences through excellence in the organization and running of a number of EGU co-sponsored events. EGU co-sponsorship supposes high quality of the meeting and branding them with EGU label. Co-sponsored meetings include:

- Conference series
- Topical meetings
- Workshops
- Training schools
- External meetings

There are two opportunities to get your meeting sponsored: 1 Jun – 31 Jul 2015 & 1 Nov 2015 – 31 Dec 2015.

New from 2015 is also the EGU Galileo Conferences. These conferences address well-focused cutting-edge topics at the frontier of geosciences research. A limited number, typically about one hundred internationally recognized scientists meet for 3-5 days to discuss and debate issues at the forefront of the discipline. The conferences are informal: the state-of-the-art is outlined in keynote presentations designed to trigger in-depth discussion of important aspects of the conference topic. Usually about 50% of the conference time is dedicated to debate and dialogue, culminating in a final round table discussion where future research directions are also included. Since Galileo Conferences provide an open atmosphere for sharing the latest research results, presentations and discussions are treated confidentially, unless otherwise agreed. For the Galileo Conferences:

- EGU provides comprehensive organizational support allowing organizing committees to focus on the scientific aspects.

- EGU is partly sponsoring the event. Financial loss or benefit goes to EGU.
- 2 stage application process on-line. “Deadline” for 1st round of applications **November 30th 2015** (submission page coming up in summer).
- Submission from September 1st, 2015

The next EGU General Assembly will be held on 17-22 April 2016.

It was announced that the Assembly will stay in Vienna during the next 5 years. Conveners of EGU2015 will be requested to confirm their wish to continue with the session (May-June). New session suggestions are welcome until 15 September

8. Any other business

No additional items were brought up.