

Geodesy Division Business Meeting

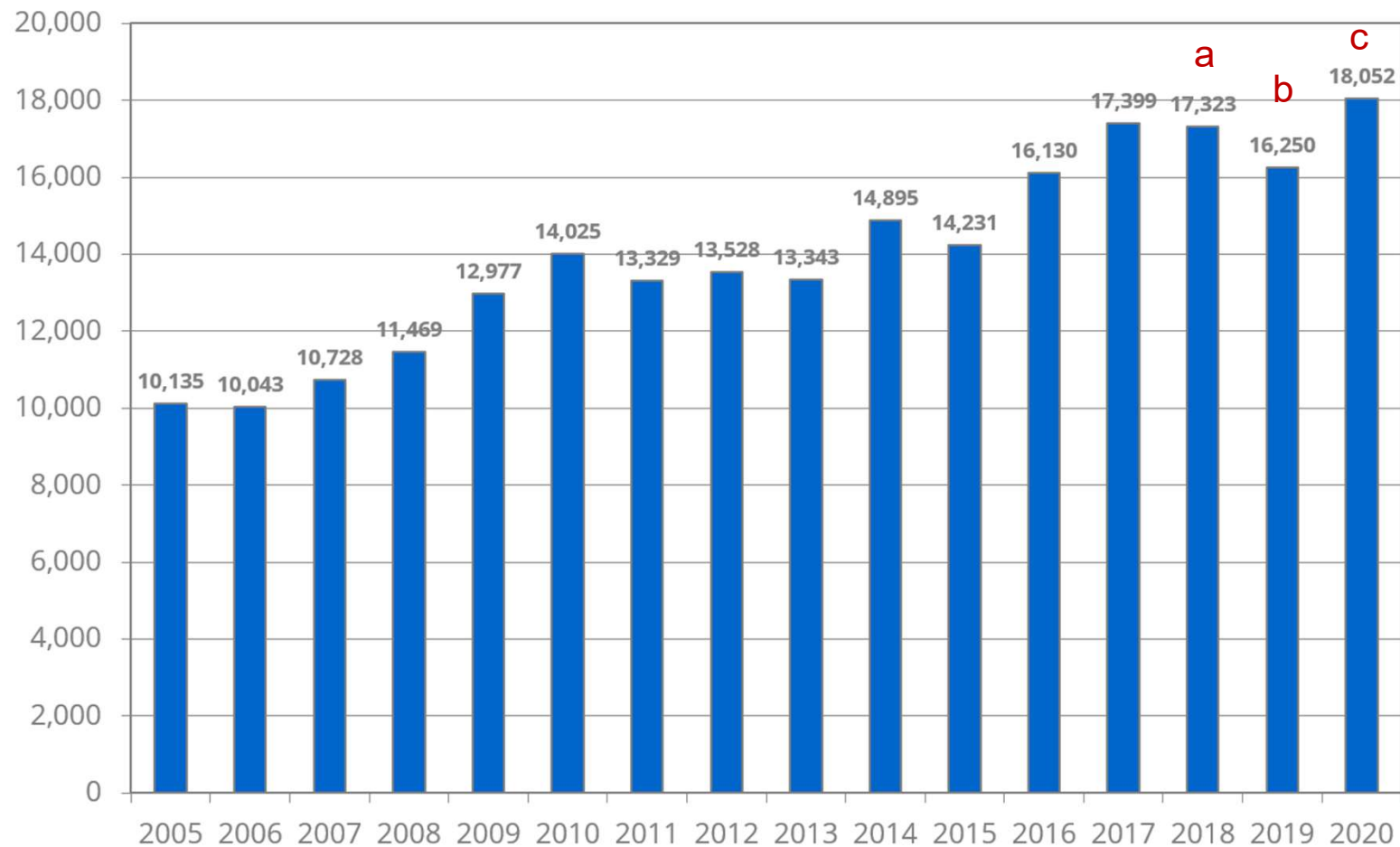
Johannes Böhm

May 5, 2020

Agenda

- Statistics 2020
- Medals and Awards
 - Vening Meinesz Medal
 - Outstanding Early Career Scientist Award
 - Outstanding Student Poster and Pico Award
- Structure of the Geodesy Division
- Report by the Geodesy ECS Representative
- Special Issue in Advances in Geosciences
- EGU Governance Review

- Papers in the programme 2005-2020



- a) 2018: withdrawal of no-show abstracts
- b) 2019: one first-author abstract rule
- c) 2020: Physical GA cancelled 19 March; part of the GA brought online

Statistics 2020 - Geodesy Sessions - before cancellation of physical meeting

Session	Title	coorg.	2020	oral blocks	Picos	2019
G1.1	Recent Developments ..		20	1		10
G1.2	Mathematical Methods ..	x	14		1	12
G1.3	High-precision GNSS ..		45	2		46
G2.1	The Global Geodetic Observing System ..		30	1		13
G2.2	The International Terrestrial Reference ..		20	1		13
G2.3	Precise Orbit Determination ..		23	1		26
G2.4	New Strategies for Consistent ..		18	1		17
G3.1	Earth Rotation ..		21	1		19
G3.2	Observing Geophysical Signals ..	x	32	2		24
G3.3	Satellite Altimetry ..	x	20	1		
G3.4	Coastal Subsidence ..	x	13			
G3.5	Linking the Solid Earth and GIA		16	1		
G3.6	Wegener ..	x	22	1		25
G4.1	Satellite Gravimetry ..		48	2		32
G4.2	Modern Concepts for Gravimetric ...		22	1		33
G4.3	Acquisition and processing ..	x	15	cut to 15	1	50
G4.4	New Tools for Terrain Gravimetry	x	20	1		15
G5.1	Ionosphere, ..	x	30	cut to 30	2	13
G5.2	Atmospheric and Environmental ..	x	38	2		36
G6.3	Open Session ..		22	1		17
			489	20		442

Sharing Geoscience Online: New concept

- Online? Yes! Because it is EGU's responsibility to help minimise the impact of COVID-19 on scientific research and collaboration
- Pilot experiment (we would like feedback!)
- Free registration
- Our considerations:
 - Science submitted to the General Assembly 2020 can be presented and shared
 - All authors and conveners can participate, across different time zones
 - Sharing Geoscience Online is accessible (in terms of bandwidth, for anyone with hearing or visual difficulties)
 - The concept works for all presentation types: oral, poster and PICO

Medals and Awards

- The **2020 Vening Meinesz Medal is awarded to Willi Freeden** for his pioneering work in combining a comprehensive mathematical theory with fundamental geodetic problems and advanced applications in Earth system sciences and global change studies.
- Division Medal Ceremony and Medal Lecture
– **in 2021**



Medals and Awards

- The **2020 Division Outstanding Early Career Scientists Award** is awarded to **Karina Wilgan** for the development of new methods for the integration of GNSS delays, meteorological observations and numerical weather prediction models for applications in InSAR and GNSS.
- Award Lecture
– **in 2021**



Medals and Awards

- Nominations for the medals are to be sent to the e-mail address awards.medals@egu.eu by June 15 (absolute deadline) in pdf format. Only EGU members can submit nominations.
- Nominations for the Outstanding Early Career Scientists Award are also to be sent to the e-mail address awards.medals@egu.eu by June 15.
- See <https://www.egu.eu/awards-medals/proposal-and-selection-of-candidates/> for more details.

2019 Outstanding Student Poster and PICO (OSPP) Awards

- **Christina Lück**

- *Using Swarm to derive global sea level budgets* (Lück, C.; Uebbing, B.; Rietbroek, R.; Kusche, J.)



- **Philipp Zingerle**

- *High-resolution combined global gravity field modeling: Towards a combined d/o 10800 model* (Zingerle, P.; Pail, R.; Gruber, T.)



- The awardees receive a conference fee waiver for the next EGU GA and are invited to submit a paper free of publication costs to one of the EGU journals.

Structure of Geodesy Division

- President:
 - Johannes Böhm (2017 - 2021)
- President-Elect:
 - Annette Eicker (2020 - 2021)
- Science Officer
 - Adrian Jäggi (2018 - 2021)
- Early Career Scientists Representatives
 - Katrin Bentel (2017 - 2018, 2020 - 2021)
 - Mathis Bloßfeld (2018 - 2020)



Structure of Geodesy Division

- Annette Eicker will start as Division President with the Plenary at the General Assembly 2021
- If you are interested in contributing to EGU activities in the coming years, please contact Annette

Structure of Geodesy Division

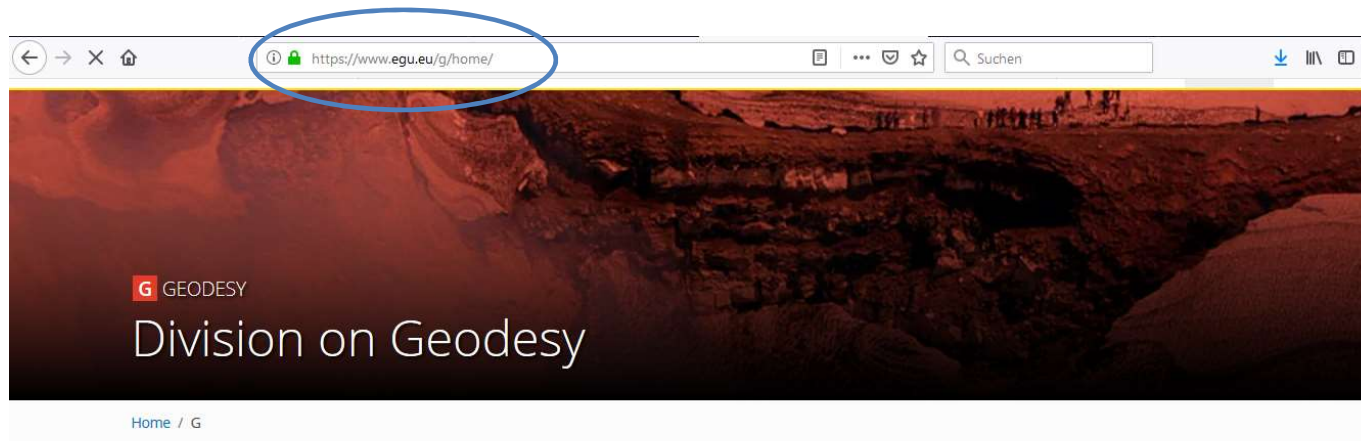
- Vening Meinesz Medal Committee
 - Voting: Four past medallists and past president (M. Schmidt)
 - Non-voting (ex officio): Division President and EGU Award Committee Chair
- 2020:
 - Willi Freeden
 - Tonie van Dam
 - Markus Rothacher
 - Isabella Velicogna
 - Michael Schmidt (Chair)
 - Ex officio (not voting): Johannes Böhm, Özgür Karatekin

Structure of Geodesy Division

- Programme Committee
 - Division President (Chair) + President-Elect + Science Officer
- Outstanding Early Career Scientist Award
 - Division President (Chair) + President-Elect + Science Officer

Early Career Scientists

- Your reps, if you don't know us yet...
 - Mathis Bloßfeld (mathis.blossfeld@tum.de)
 - Katrin Bentel (katrin.bentel@tugraz.at)
- How to get connected?



President: Johannes Böhm (g@egu.eu)
Deputy President: Annette Eicker (annette.eicker@hcu-hamburg.de)

Traditionally geodesy is the science of the measurement and the mapping of the Earth's surface. Since the surface is mainly shaped by the Earth's gravity field the classical definition includes the Earth's gravitational potential. Observing the Earth figure, the orientation and rotation as well as the gravity field, geodesy today provides spatial and temporal patterns of geophysical processes within the Earth system such as sea level rise, tides, melting of continental ice masses, changes in global water circulation and in the atmosphere or deformations of the solid Earth. Consequently, the geodesy division covers activities on the whole spectrum of modern geodetic Earth system modeling from the measurement systems to the investigation of geophysical processes.

Find G on

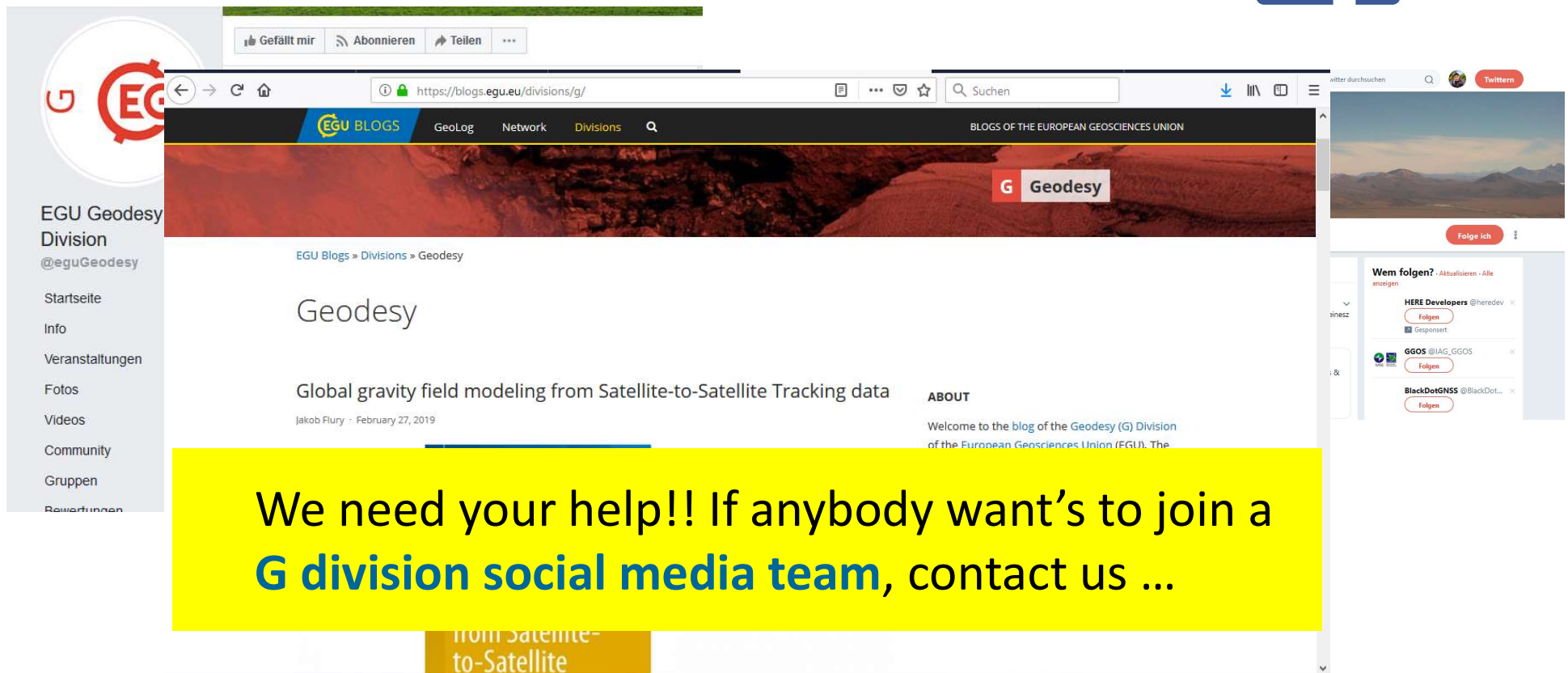
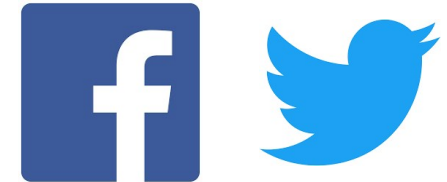


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- [G-ECS mailing list](#)

Early Career Scientists

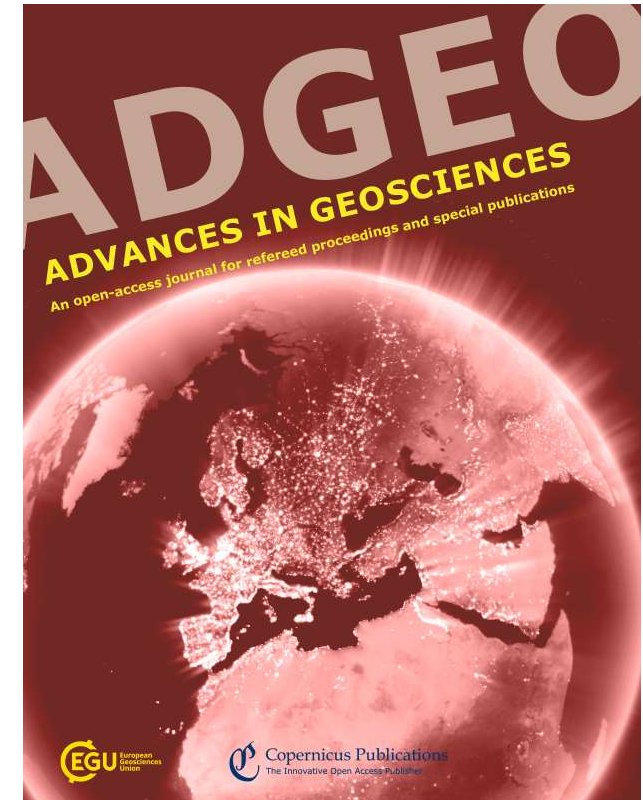
- Several ways to follow the activities
 - Social Media (initiated 2017), Webpage, Blog (g.egu.eu)



The image shows a screenshot of a web browser displaying the EGU Geodesy Division blog page. The browser address bar shows the URL <https://blogs.egu.eu/divisions/g/>. The page features a navigation menu with 'EGU BLOGS', 'GeoLog', 'Network', and 'Divisions'. The main content area is titled 'Geodesy' and includes a post titled 'Global gravity field modeling from Satellite-to-Satellite Tracking data' by Jakob Flury, dated February 27, 2019. An 'ABOUT' section welcomes visitors to the blog of the Geodesy (G) Division of the European Geosciences Union (EGU). A yellow banner at the bottom of the page reads: 'We need your help!! If anybody want's to join a **G division social media team**, contact us ...'. To the right, a partial view of a Twitter profile is visible, showing the 'Wem folgen?' section with users like 'HERE Developers @heredev', 'GGOS @IAG_GGOS', and 'BlackDotGNS @BlackDot...'. The EGU Geodesy Division social media handle '@eguGeodesy' is also visible in the left sidebar of the browser window.

EGU General Assembly 2020 - Proceedings of the Geodesy Division

- in **Advances in Geosciences**
 - EGU open-access journal for refereed proceedings and special publications
- Editors: Katrin Bentel, Mathis Bloßfeld, Johannes Böhm, Sigrid Böhm, Annette Eicker, Petr Holota, Adrian Jaeggi, Ulrich Meyer, Rosa Pacione, Michael Schmidt, Holger Steffen, Matthias Weigelt, and Pawel Wielgosz
- **Strict Submission Deadline: 30 June 2020**
- Of course, submission of a paper is optional
- Please support this activity as reviewer!



2020/21 EGU Governance Review

Governance Review Panel:

Toby Rhodes (Independent Chair)

Ulrich Pöschl (Publications Committee Member, AS)

Raffaele Albano (outgoing ECS Representative, NH)

Susanne Buiter (outgoing Programme Committee Chair, TS)

Claudia Jesus Rydin (Chair, Equalities & Diversity Working Group)

Katja Fennel (Chair, Publications Committee, BG, OS)

Helen Graves (outgoing Division President, ESSI)

Dan Parsons (Division President, GM)

Giuliana Panteri (outgoing Division President, BG)

Chris King (Chair of Education Committee)

Philippe Courtial (EGU Executive Secretary)

Email: governancereview@egu.eu



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EGU Governance Review: *Objectives*

A governance review is an opportunity for the EGU to reflect on its governance arrangements in order to best serve the current and future needs of the organisation, the members, the scientific community and global concerns.

In particular, the governance review will:

- determine whether the governance processes and structures of the EGU are fit for purpose
- make recommendations for any changes to better serve the current and future needs of the EGU and its members

Objectives of the EGU Governance Review

To review the governance processes and structures of the EGU, and make recommendations for any changes to enable the organisation:

- to best deliver its [Mission and Vision](#)
- to best serve the current and future needs of the organisation and its members;
- to ensure EGU structures deliver appropriate scientific and professional diversity and representation amongst EGU committees and boards

Terms of Reference: The full EGU Governance Review Terms of Reference [is available to download here](#)



EGU Governance Review Scope: *Timescales & Contact*

Timescales

- The Governance panel will convene in late May 2020, and conduct their review over the following 9-12 months.
- The Governance Review will produce an interim report to the EGU Council in October 2020, and a final report with recommendations in January 2021.
- The Governance Review will report to EGU members at the 2021 EGU General Assembly. If any changes to EGU governance require EGU Members to vote, this will take place at the EGU General Assembly.
- Implementation of any agreed governance changes will take place following the 2021 EGU general assembly



EGU Governance Review Scope: *EGU Member Input*

EGU members may input their views to the Governance Review via their divisional representatives on EGU Council

EGU members may also contact the Governance Review Panel directly via email at:

governancereview@egu.eu