



Education

June 2020 – Education Newsletter

Dear Education Section member:

Welcome to the June edition of the Education Newsletter.

The AGU is committed to working for equity for all and advancing inclusivity and diversity. Here is the [message](#) from Professor Mark Moldwin, President of the AGU Education Section, following the horrific killing of George Floyd. As Mark mentioned in his letter, it is important for us to make meaningful change at every level upon which we have influence.

The second opinion piece in our [Perspectives on Earth and Space Science Educational Research \(PESSER\)](#) builds on these themes. It is entitled “[Inclusive Earth and Space Science Education: \(Re-\)challenging our assumptions](#)”. In this piece, Vincent Tong, the Section Secretary, invites us to reflect on the implications of the findings from a review article on inclusivity in geoscience education by [Mattheis et al \(2019\)](#). Our Section is committed to promoting educational research to our members with diverse interests in education. We hope that you find PESSER a good way to engage with ideas from recently published educational research. Happy reading!

Best wishes,

Vincent Tong (Secretary, AGU Education Section)

Stacie Bender (Executive Committee member, AGU Education Section)

Susan Cheng (Executive Committee member, AGU Education Section)

Alicia Petersen (Early career representative, AGU Education Section)

Shahab Karimifard (Student representative, AGU Education Section)

Tanya Furman (President-elect, AGU Education Section)

Mark Moldwin (President, AGU Education Section)

Education News Items

1. AGU and EGU on equity, diversity and inclusion

The AGU has published a [statement](#) on its commitment to diversity, equity and inclusion. The EGU has also released a [statement](#) on a similar theme.

2. AGU Fall Meeting 2020 is (mostly) virtual and remains global (always)

The meeting will take place from 7-11 December, and the theme for the meeting is “Shaping the Future of Science”. There will be more than 1,000 sessions, and the conference will be designed to work for multiple time zones around the world. Abstract submission will start in the week of 22 June and will remain open until 29 July 2020. For more information, please follow this [link](#).

3. JpGU-AGU Virtual Meeting 2020 (12-16 July)

Please visit the [meeting website](#) for more information, including the [schedule](#) for discussion forum sessions and [conference registration](#). The conference will feature a range of sessions on education, including a Union Session (U-10) on Linking Education and Research Communities on Sunday 12 July.

4. Earth Educators’ Rendezvous 2020 (13-17 July)

The Rendezvous is for everyone working in all aspects of undergraduate Earth education. The conference will be virtual this year. Find out more about the program and registration by following this [link](#).

5. NASA Postdoctoral Fellowship: Apply by 1 July 2020

The NASA Postdoctoral Program (NPP) offers U.S. and international scientists the opportunity to advance their research while contributing to NASA's scientific goals. The NPP supports fundamental science, explores the undiscovered, promotes intellectual growth, and encourages scientific connections. Please click [here](#) for more information.

6. Seminars on Science: Next session starts 6 July 2020

The American Museum of Natural History runs six-week online courses for educators, providing access to research, scientists and classroom resources. Please follow this [link](#) for more information.

Ideas for Earth and Space Science Education

1. Education and outreach at European Geosciences Union General Assembly 2020

The annual conference took place online in early May. Please check out the downloadable presentations by following this [link](#) and choose “Education and Outreach Sessions” in the “Please select” list. Not sure which session to start with? How about clicking [here](#) to browse the presentations from the session on Geoscience educational research?

2. The CLEAN Collection of Climate and Energy Educational Resources

The Portal is a major collection of climate and energy science educational resources for supporting communities committed to improving climate and energy literacy. Discover more by following this [link](#).

3. Online supervision: Guide for supervisors of doctoral students

Please check out this [guide](#) on the benefits, challenges, strategies and practices of online doctoral supervision. The authors of the guide are based in the USA, New Zealand and the UK.

4. Lab-based assessments and COVID-19

Here is a [guidance document](#) with some good ideas and principles for designing laboratory-based assessments in programs of study. The document is published by the Quality Assurance Agency for Higher Education.