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Perspectives on Earth and Space Sciences Educational Research Issue 5

For the Fifth Issue of PESSER, Fumiko Noguchi, Research Fellow at the United Nations University, discusses the significance of Education for Sustainable Development (ESD). Noguchi explains how ESD challenges the way of thinking that may lead to an unsustainable society, and the article details plans to advance ESD.

To read the article, click here.

To read the rest of the PESSER articles, click here.

AGU Roll Call

The AGU has produced a video, #AGU20 Scientific Roll Call, highlighting the diversity of the geoscience disciplines and focusing on students and early-career scientists from all the AGU Sections. Our Education Section is featured in this inspiring video. Watch it and share it!

Watch the full Roll Call video here, and the Education Section is introduced here.
Earth Science Education and Outreach in a Virtual World

Due to the COVID-19 pandemic, classrooms around the world were required to shift quickly to an online format. This rapid shift created significant strain on educators and students alike. Michael Hubenthal, Wendy Bohon, and John Taber explain how the Education and Public Outreach (EPO) program at the Incorporated Research Institutions for Seismology (IRIS) was able to transition quickly and effectively to the online format.

To read the full article, click here.

New Earth Science Communication Techniques

Alicia González highlights the benefits and importance of using new methods of communication to report on new scientific findings. González encourages researchers to utilize platforms like social media and blogs to discuss their work more informally, and to connect with thousands of people who may be interested in their research.

To read the full article, click here.

The "diversity-innovation paradox" in academia

In a research study, Bas Hofstra and colleagues reveal that students from underrepresented groups are likely to be more innovative. However, their innovations are more likely to be discounted, thus creating the diversity-innovation paradox. Understanding this paradox may help explain why some groups are underrepresented in academia.

To learn more, click here.