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Earth and Planetary Surface Processes

Hi Folks,

Welcome to the May 2021 Earth and Planetary Surface Processes newsletter. Please read on for a request from President Gordon Grant about AGU's involvement in federal funding for climate change science. We also have reminders and updates about the EPSP Wonderful Coffee Hour, EPSP Connects, and the EPSP participation in the URGE conversation.

This month, we send big congratulations to EPSPer [Robert Anderson](#) of the University of Colorado, who was just elected to the [National Academy of Sciences!](#)

Best,

Noah Snyder
EPSP Secretary

Dear EPSP community:

AGU is asking for your help regarding an important request received from the U.S. National Science Foundation (NSF), a request that aligns very well with AGU's [Strategic Plan](#) and recent [Climate Change Position Statement](#). The GEO division of NSF reached out to AGU and several other scientific societies and asked each of them to convene their communities to help guide NSF's response to the emerging direction and support from Congress and the new Biden Administration related to Climate Change Solutions. NSF is expecting a significant increase in funding focused on this topic, which will inform and enrich its programs next year. It is important for the Earth and space sciences to be included in NSF's program and be ready to use that funding to make a strong contribution. The challenge is that the GEO division is asking for input by **1 June** so that they can begin to develop the organization and planning needed to respond effectively.

Addressing climate change encompasses much more than primary research. NSF is interested in ideas and roadmaps that will generate impacts in the near term

(next 2-3 years). Impacts include improved community resilience, reduced inequity in climate impacts, reduced emissions, more usable climate services and tools, equitable growth in the green economy, and increased public engagement in climate action. To generate those impacts, NSF is looking for ideas about improved communications, talent and skills development, education, applications, public-private partnerships, co-creation of solutions with communities, research, and more. Solutions and funding ideas that encourage convergent and transdisciplinary work and address climate justice and equity are especially welcome.

To provide this input, AGU is reaching out to you, other AGU leaders, and partners who work with a broad range of stakeholders for ideas and thoughts to address this fundamental challenge. These ideas will help inform a virtual ideation and brainstorming workshop on 7 May.

Please submit your thoughts using the form below. Multiple submissions are welcome. Ideas would be most helpful by **4 May** but welcome anytime. Some additional framing is provided on the form.

[Submit form](#)

Feel free to contact me if you have any questions.

Gordon Grant
President, EPSP

We have now hosted four monthly social hours hosted on the Wonder platform: the EPSP Wonderful Coffee Hour (First Wednesday of each month, 08:00 San Francisco / 11:00 New York / 17:00 Berlin / 23:00 Beijing). We have had between 15 and 30+ participants attend each of these events, from students to AGU Fellows. We look forward to welcoming you to the next event on May 5th. Please join us to connect with existing colleagues and meet new ones. All are welcome, please encourage interested students to participate. More info, including the join link can be found on the [website](#).

We have two exciting EPSP Connects seminars in May:

On 19 May, [Marisa Palucis](#) (Dartmouth College) will be presenting a science talk titled The Martian Chronicles: There will come a Gale. The talk is at 08:00 San Francisco / 11:00 New York / 17:00 Berlin / 23:00 Beijing. [Register here](#).

On 26 May, we'll have a special panel town hall and Q&A on Surface process applications of environmental seismology and distributed acoustic sensing (DAS). Panelists will describe potential opportunities in the application of these geophysical techniques to geomorphology. With panelists Ge Jin (Colorado School of Mines), Michaela Wenner (ETH Zürich), Marine Denolle (University of

Washington), and Eileen Martin (Virginia Tech). The town hall is at 08:00 San Francisco / 11:00 New York / 17:00 Berlin / 23:00 Beijing. [Register here](#).

The [URGE](#) program (URGE = unlearning racism in the geosciences) is coming to a close, and the 30+ members of our EPSP Pod have been learning a lot about racism and anti-racism, and how to better incorporate DEI throughout our community. We had our first meeting to start consolidating and prioritizing the deliverables we developed for use in our EPSP community. You can [link here](#) to see our pod members and deliverables. We want to thank all our volunteer participants for their work over the 16 weeks of URGE!

Looking forward, we would like to broaden the community input into our DEI work. To do so, EPSP will host an open event in the coming weeks to summarize next steps and solicit questions, ideas, and recommendations from the community. We will announce the timing in social media, in our newsletter, via AGU connects, and [on our website](#). Please stay posted!

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