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Earth and Planetary Surface Processes

Dear EPSP community,

Congratulations to all of our Awardees and Fellows! The 2022 G.K. Gilbert Award goes to Yehouda Enzel, The Hebrew University of Jerusalem. Martha Cary "Missy" Eppes (University of North Carolina at Charlotte) is the winner of the Marguerite T. Williams Award. And Seulgi Moon (University of California, Los Angeles) is the winner of the Luna B. Leopold Young Scientist Award, and will present the Sharp Lecture at the AGU Fall Meeting. Two primary EPSP members were selected as AGU Fellows: Marcelo Garcia of the University of Illinois Urbana-Champaign and Marin Clark of the University of Michigan. We will celebrate all of our Awardees and Fellows at AGU just prior to the Sharp Lecture.

It's an AGU election year. You should have received one or more emails from the AGU Election Coordinator with instructions for voting. The email contains a unique URL with your (each member's) individual voting credentials for the AGU election. Running for the office of President-elect are Suzanne Anderson (University of Colorado, Boulder) and Eric Kirby (University of North Carolina, Chapel Hill). Running for the office of Secretary are Joel Scheingross (University of Nevada-Reno) and Chi-Yao Hung (National Chung Hsing University, Taiwan). Links to all candidate bios are available on the ballot during the voting process, or you can visit the [election website](#). Please be sure to cast your ballot prior to the 6 October deadline.

Also, if you have not yet done so, please fill out and submit EPSP's membership "[climate survey](#)" – that is, a survey on EPSP's internal climate. The EPSP volunteer leadership wants feedback as to how EPSP can better serve *you* (our members) in the areas of career advancement and guidance, community networking opportunities, and building an inclusive and diverse climate where all members are treated equitably. We greatly appreciate your honest and thoughtful responses. All [survey](#) responses are anonymous. To find out more about our work with AGU administration to help keep responses anonymous, please click on the [survey link](#) for more information.

We are very excited for the first cohort of the EPSP student group's mentoring program. Thanks to Vanessa Gabel, Shanti Penprase, Brian Penserini and Danny White for all their work in designing and assembling materials for the program. Stay tuned for updates and, if you are interested in joining but missed the deadline, look for applications for a second round to take place in early 2023.

From a recent conversation with Bill Dietrich of UC-Berkeley, there will not be an in-person Gilbert Club after AGU this year. Instead there will be an on-line Gilbert Club, similar to what has occurred over the last two years sometime in March. Details to follow from Bill via the Gilbert Club listserv. Bill is hopeful that Gilbert Club will return to an in-person event in 2023 when AGU returns to San Francisco.

We hope to see many of you at the Fall Meeting in Chicago in December. More on that below, along with links to meeting location surveys.

Best
Gordon Grant, EPSP president
Kimberly Hill, EPSP president-elect
Noah Snyder, EPSP secretary

Planning for the 2022 Fall Meeting just finished in Washington, DC where we scheduled 28 EPSP sessions which encompassed over 700 abstracts. Thank you to everyone in the community who convened or will chair a session - it is an exciting line-up this year with sessions ranging from coastal geomorphology, to ecohydraulics and river science, to aeolian and planetary surface processes, to landscape evolution across time and space (and even underneath ice!).

The Fall Meeting will take place from 12-16 December and is being designed for both in-person (Chicago, IL) and virtual participation (online from anywhere). Oral sessions will be a mix of in-person and virtual presentations and will be 90 min long, allowing for short talks (~10 mins) from presenters, followed by lively discussions. Online poster presenters will have a specific presentation time during one of two hours dedicated for the online posters only. In-person poster presenters will be in the poster hall during a dedicated three-hour slot immediately following one of the one-hour dedicated online poster slots. As is tradition, the Sharp Lecture and our section awards will take place on Thursday afternoon (15 December, 4:45 to 6:15 PM CT).

As always, many [Outstanding Student Presentation Awards \(OSPA\)](#) judging slots are available for you to help award and provide feedback to our student presenters. Our online and in person poster sessions are both particularly large and looking for help in this regard. Please consider volunteering and let us know if you need help signing up to be a judge.

Details for registering and attending the meeting can be found [here](#).

Also, if you are planning on attending the meeting in person, you will need to show that your COVID-19 vaccinations are up to date, as defined by the CDC (which includes considerations of international vaccines). More details on the COVID-19 policies for the meeting can be found [here](#).

Finally, increased discussion in the AGU connects community has involved the decision-making process of future AGU meeting locations. In addition to these discussions, if you would like to provide formal and/or anonymous input to AGU on current and future criteria for selecting meeting locations, here are two surveys to provide input to the next steps in the discussions: (1) a more detailed survey [here](#) that builds off of earlier surveys. (2) an open-ended response form [here](#).

Best,

Marisa Palucis (EPSP Program Chair) and the Program Committee

Message from our Eos Science Advisor, Desiree Tullos

"Greetings! I am your new Science Advisor for Earth Surface Processes at Eos. I started in July when Andrew Wilcox (U. of Montana) transitioned out of the role. My research focuses on river hydraulics, with connections to floodplains and flood risk management, dams and dam removal, flow resistance around obstructions, salmon habitat and suppression of harmful algal blooms. I also have strong interests in science communication and in learning from and supporting historically excluded communities.

Earth surface processes obviously extend well beyond river hydraulics, so I need to hear from you! Eos is a science news magazine with a great production and dissemination team, and we're always looking for good ideas for articles – What are the big questions or trends in earth surface processes? What compelling new research is happening that has society impact?

Please reach out if you have any questions about writing for Eos or have suggestions for a topic that one of our science writers could develop."

Warm regards,
Desiree

Desiree Tullos, PhD PE (OR)
Professor, Biological and Ecological Engineering Department
Oregon State University
<http://blogs.oregonstate.edu/rivers/>

Soliciting feedback on Council items

At the September council meeting, section leadership was asked for input on a name change and a scope change for the “Nonlinear Geophysics” section. NG is proposing a name change to better reflect the current activities of their membership. The new name would be: Computational, Mathematical, Statistical Geosciences (CG). To scope which was formally focused on mathematically-defined nonlinear methods would be broadened to include a wider range of what might be called applied math and computational methods. To quote the proposal: “The Section focuses on the development of novel computational, mathematical, and statistical methods in the geosciences. We also focus on the analysis of quantitative methods as well as of their application. We emphasize techniques that leverage modern data science tools, mathematical analysis and high performance computing. These include but are not limited to: analysis of nonlinear processes, machine learning, inference, probabilistic modeling, uncertainty quantification, data assimilation, optimization, new computational approaches and numerical methods including multiscale and multifidelity methods, and analysis of complex systems. The section remains the home for nonlinear geo-processes and welcomes scientists working across discipline boundaries in methods and approaches applicable to fundamental geophysical processes.”

AGU administration plans to begin administering this change in October. Please send a message to kmhill@umn.edu if you have questions or concerns you'd like to discuss and/or communicate with AGU and NG leadership. It would be helpful if you could send them by the end of the week.

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