Dear Colleagues:

The latest Near-Surface Geophysics section newsletter is now available. Please follow this link to see the full version online.

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Recent announcements of interest to the NSFG community (conferences, academic positions, graduate student opportunities, etc.) can be found on the AGU Near-Surface Geophysics section website.

Early-career scientists: Check out the NSG early-career website.
Follow NSG on Facebook and Twitter!

Best regards,
Sarah Kruse
President, Near-Surface Geophysics Section, AGU
Upcoming Meetings at a Glance

<table>
<thead>
<tr>
<th>Meeting (click to go to website)</th>
<th>Location</th>
<th>Dates</th>
<th>Submission</th>
<th>Registration</th>
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</thead>
<tbody>
<tr>
<td>AOGS</td>
<td>Honolulu, Hawaii</td>
<td>3–8 June 2018</td>
<td>Closed</td>
<td>Early registration deadline: closed</td>
</tr>
<tr>
<td>ICEEG2018</td>
<td>Hangzhou, China</td>
<td>10–13 June 2018</td>
<td>Closed</td>
<td>Starting 1 January 2018</td>
</tr>
<tr>
<td>80th EAGE Conference and Exhibition</td>
<td>Copenhagen, Denmark</td>
<td>11–14 June 2018</td>
<td>Closed</td>
<td>Early registration deadline: closed</td>
</tr>
<tr>
<td>7th International Workshop on Airborne Electromagnetics</td>
<td>Kolding, Denmark</td>
<td>17–20 June 2018</td>
<td>Closed</td>
<td>Registration close: 15 June</td>
</tr>
<tr>
<td>24th European Meeting of Environmental and Engineering Geophysics</td>
<td>Porto, Portugal</td>
<td>9–13 September 2018</td>
<td>Closed</td>
<td>TBD</td>
</tr>
<tr>
<td>5th International Workshop on Induced Polarization</td>
<td>Newark, N.J.</td>
<td>3–5 October 2018</td>
<td>1 July</td>
<td>Early registration deadline: 1 September 2018</td>
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<tr>
<td>SEG</td>
<td>Anaheim, Calif.</td>
<td>14–19 October 2018</td>
<td>Closed</td>
<td>TBD</td>
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</tbody>
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AGU Updates

- **AGU Centennial Celebrations**
  With AGU Centennial celebrations under way, the [AGU Narratives project](#) will help collect our shared history and build on it for years to come. Member contributions are encouraged through three types of stories: formal oral histories collected by science historians; stories provided by you through the [StoryCorps Archives app](#); and interviews conducted by [StoryCorps at Fall Meeting](#). Those interested in other Centennial opportunities can complete this [Volunteer Form](#).

- **AGU Headquarters Renovation**
  The AGU headquarters building renovation is in its final stages and anticipating completion in December 2018, just in time for Fall Meeting! This [2-year project](#) intends to raise the visibility of AGU and its members and science by creating a modern workspace that will also serve as a state-of-the-art meeting space for members, the Earth and space science community, and the public. The new building will be the first [net zero](#) renovation of an existing building in Washington, D. C., and will feature interactive public exhibits. Visit [Building AGU](#) to learn more about the renovation and current updates!

- **AGU Instagram Takeover: Share Your Section’s Science**
  We’re looking for scientists of all career stages and disciplines to take over AGU’s Instagram account with photos and videos of your work this summer. [Email us](#) if you are interested in taking over our Instagram account this summer, during or after your fieldwork, or for a few days while you’re working in the lab. While you’re out in the field, you can also share pictures of your work and field site with us by submitting a [Postcard from the Field](#) via our [Tumblr site](#).
• Calling All Recent Ph.D. Graduates!
Navigating the obstacles while transitioning from a doctoral program to a full-time job can be difficult. AGU’s new Mentoring Network goes beyond traditional mentoring by creating mentoring groups that include two AGU Fellows as well as peer mentors. To be eligible, mentees must be current AGU members and have completed their Ph.D. within the past 5 years. To be considered as a mentee, submit your application no later than 17 May, 11:59 p.m. ET.

• Current Geoscience Workforce Trends Webinar
Please register for the free upcoming webinar, The Current and Mid-21st Century Geoscience Workforce, 11 May at 1:00 p.m. ET, to learn about current trends in the geoscience workforce. This webinar is part of the AGU/AGI Heads and Chairs webinar series, and everyone is welcome to participate.

• Interested in Volunteering?
AGU wants to know more about you and your interests. With a variety of volunteer opportunities, varying in commitment, and many committees and task forces meeting virtually, there are sure to be opportunities for all members! If you or someone you know is interested, please complete a brief profile with your interests to be matched with the perfect opportunity!

NSG Student Spotlights and Research Highlights
Noah Dewar is currently a second-year Ph.D. student in the Environmental Geophysics Department at Stanford University studying under Dr. Rosemary Knight. Noah’s primary research centers around airborne and ground-based time domain electromagnetics.

As a high school student, Noah loved and excelled at physics, and when he found out that geophysics was an undergraduate major, he jumped at the opportunity to combine his love for the outdoors and aptitude for physics.

After graduating from McGill University (2012) with a joint major in physics and geophysics, Noah landed a job with a ground-based geophysical surveying company that mainly served the mining industry. Noah later moved to a new position as a geophysicist/field crew chief for airborne geophysics. Noah eventually became bored with his responsibilities and wanted to do more of the data interpretation and research rather than just the acquisition and processing. This desire led him to Stanford, where he is using near-surface geophysics to study groundwater in California.

Noah was recently a member of a collaborative team from Stanford University and Duke University that developed a new methodology to map peat thickness in Indonesia as art of an Indonesian government–sponsored contest. In the first phase of this project, Noah was responsible for modeling the airborne electromagnetic data to test the methodology on a synthetic example. For the second phase, he was part of a team that traveled to Indonesia to acquire field data for the final report to be submitted to the contest. While the team didn’t win the contest, the novel methodology will be published soon.

Noah has been to the AGU Fall Meeting only once before but plans to become more active and attend every year in the future. Being early in his degree program, Noah is leaving his options open and looking for the right opportunity that combines his love for research with tackling hard and interesting problems.

For more information on airborne and ground-based time domain electromagnetics, please contact Noah Dewar. 

Interested in being highlighted, or know a student who should be? Please email Matthew Sirianni for more information about the Student Spotlight. We are also seeking research highlights that showcase use of near-surface geophysics in other AGU sections. If you are interested in writing a short, one-page highlight, please contact Chi Zhang.
FYIs
Employment Opportunities
• Two Ph.D. Student Positions in Computational Poroelasticity
  The Applied and Environmental Geophysics Group at the University of Lausanne in Switzerland has an opening for two doctoral students in the overall field of computational poroelasticity. A particular focus of this research project will be to explore the relations between the seismic signatures of fractured media and their hydraulic properties. The positions are funded for 4 years and are available immediately or upon agreement. The project will be carried out in collaboration with Dr. Germán Rubino from the Bariloche Atomic Centre in Argentina and will involve extended visits to this site. At the time of appointment, the successful candidates must have the equivalent of an M.Sc. degree in physics, geophysics, or a closely related field. The candidates will be highly motivated, mature individuals with strong analytical and methodological skills. The research group is well equipped, evolving dynamically, and scenically based on the shores of Lake Geneva, a region of outstanding natural beauty that offers a vibrant cosmopolitan atmosphere and a very high quality of life. To apply, please send a cover letter clarifying your overall motivation for entering a Ph.D. program together with your curriculum vitae and the names, telephone numbers, and email addresses of two referees to Prof. Klaus Holliger. Applications will be accepted until 30 June 2018, or until the positions have been filled.

5th International Workshop on Induced Polarization
• The call for abstracts for the 5th International Workshop on Induced Polarization (IP) is now open, with a closing date of 1 July. Abstract submissions on six major themes are encouraged: (1) petrophysics, (2) biogeophysical studies, (3) modeling, (4) field applications, (5) instrumentation, and (6) data processing and inversion. Please visit the website for further details on the meeting.