



AGU Near-Surface Focus Group Newsletter: December 2012

1. AGU Fall Meeting 2012:

- 1.1. *Near Surface Geophysics Focus Group Luncheon (ticket required)*
- 1.2. *Near Surface Focus Group Hydrogeophysics social*
- 1.3. *Outstanding Student Paper/Poster Award judges needed for Near Surface Fall meeting sessions*
- 1.4. *Near-Surface Geophysics final session schedule*
- 1.5. *Hydrogeophysics session final session schedule*

2. Announcement: Professional Service: Your Time & Treasure

3. Announcement: SAGEEP 2013 call for abstracts extended to 16 December 2012

4. Call for papers: 7th International Workshop on Advanced Ground Penetrating Radar (IWAGPR) 2–5 July 2013, Nantes, France

5. Reminder: Post-AGU short course: Launching an Academic Career

Recent announcements of interest to the NS community (conferences, academic positions, graduate student opportunities etc.) can be found at the AGU [NS-Focus Group Web Page](#).

AGU NS Membership as of December 2012:

Primary affiliation: 793 members; Secondary: 2881 members

1. AGU Fall Meeting 2012:

1.1. Near Surface Geophysics Focus Group Luncheon (ticket required)

The NS luncheon at the Fall AGU meeting will be held from 12:30–13:30 on Tuesday, 4 December at the San Francisco Marriott Marquis, Golden Gate C3. This event is the opportunity to learn about NS activities, engage with your fellow NS members and the NS officers, and provide feedback on how the focus group can support the needs of the NS community. This is a ticketed event and seating is limited. We strongly encourage you to purchase lunch tickets in advance when you register online for the meeting.

Free student tickets to the Near Surface Geophysics Focus Group Luncheon: We still have student tickets available to the NSFG luncheon at AGU on 4 Dec 2012 12:30 pm–1:30 pm. Please contact [Seth Campbell](#) to request a luncheon ticket on a first come first serve basis for NSFG student members. Include whether NSFG is your primary or secondary affiliation with your lunch ticket request. Non-members are welcome to request a ticket if they have an interest in joining NSFG however, priority will be given to current NSFG student members.

1.2. Near Surface Focus Group Hydrogeophysics social

Mark your AGU calendar for the traditional Hydrogeophysics & NS FG social on Monday evening at the Hotel Utah (500 4th Street, the cross street is Bryant) at around 7:30 pm.

1.3. Outstanding Student Paper/Poster Award judges needed for Near Surface Fall meeting sessions (from George Tsoflias)

Volunteer to be a judge for student papers and posters that will be presented at the NS sessions you plan to attend at this Fall meeting. Student presentations have been consistently of the highest quality and have earned the distinction of AGU Outstanding Student Presentations. We are asking for your help again this year

in volunteering to be an OSPA judge and ensuring that deserving work by NS students is recognized.

If you would like to serve as an OSPA judge (even in one NS session, oral or poster), please email George Tsoflias, Xavier Comas, or Lu Pellerin.

Thank you for the support.
George, Xavier, Lu

1.4. Near-Surface Geophysics final session schedule

Monday, 3 December 2012:

NS13A: Applied Geophysics in the Global Marketplace

Convener(s): Jerry McJunkin (Heritage Group) and Louise Pellerin (Green Engineering, Inc)

1:40 PM - 6:00 PM; Hall A-C (Moscone South)

NS13B: Near Surface Geophysics General Contributions I Posters

Conveners: Chester J Weiss, (Virginia Tech)

1:40 PM - 6:00 PM; Hall A-C (Moscone South)

Tuesday, 4 December 2012:

NS23A: Near Surface Geophysics General Contributions II Posters

Conveners: Chester J Weiss, (Virginia Tech)

1:40 PM - 6:00 PM; Hall A-C (Moscone South)

Wednesday, 5 December 2012:

NS31A. NS31A. Developments and Practical Applications of the Multichannel Seismic-Data Surface-Wave Analysis Method I Posters

Convener(s): Richard Miller (University of Kansas), Julian Ivanov (Kansas Geological Survey) and Georgios Tsoflias (University of Kansas)

8:00 AM - 12:20 PM; Hall A-C (Moscone South)

NS31B. NS31B. Joint Inversions and Other Strategies to Integrate Multidisciplinary Geophysical Data I Posters

Convener(s): Bjvrn Heincke (GEOMAR), Peter Lelièvre (Memorial University of Newfoundland) and Max Moorkamp (University of Leicester)

8:00 AM - 12:20 PM; Hall A-C (Moscone South)

NS31C. NS31C. Shallow Seismology of the Vadose-Saturated Zone Posters

Convener(s): John Lane (USGS), Juan Lorenzo (Louisiana State Univ) and Nedra Bonal (Sandia National Labs)

8:00 AM - 12:20 PM; Hall A-C (Moscone South)

NS33A. NS33A. Near-Surface Geophysics General Contributions III

Convener(s): Chester Weiss (Virginia Tech) and Mark Everett (Texas A & M Univ)

1:40 PM - 3:40 PM; 2018 (Moscone West)

NS34A. NS34A. Joint Inversions and Other Strategies to Integrate Multidisciplinary Geophysical Data II

Convener(s): Bjvrn Heincke (GEOMAR), Peter Lelièvre (Memorial University of Newfoundland) and Max Moorkamp (University of Leicester)

4:00 PM - 6:00 PM; 2018 (Moscone West)

Thursday, 6 December 2012:

NS41A. NS41A. Advances in Airborne Electromagnetics I Posters

Convener(s): Paul Bedrosian (U.S. Geological Survey) and Bruce Smith (U.S. Geological Survey)

8:00 AM - 12:20 PM; Hall A-C (Moscone South)

NS41B. NS41B. Geophysical Methods for Groundwater Evaluation and Management I Posters
Convener(s): Rosemary Knight (Stanford Univ) and John Lane (USGS)
8:00 AM - 12:20 PM; Hall A-C (Moscone South)

NS43A. NS43A. Geophysical Imaging of Fractures and Fluid Flow: Advancing From Detection to Measurement I
Convener(s): Georgios Tsoflias (University of Kansas) and Matthew Becker (Cal State Long Beach)
1:40 PM - 3:40 PM; 2018 (Moscone West)

NS44A. NS44A. Geophysical Methods for Groundwater Evaluation and Management II
Convener(s): Rosemary Knight (Stanford Univ) and John Lane (USGS)
4:00 PM - 6:00 PM; 2018 (Moscone West)

Friday, 7 December 2012:

NS51A. NS51A. Exploring the High-Resolution Record of Surface Processes in Near-Shore and Inshore Water Bodies Posters
Convener(s): Mark Vardy (University of Southampton) and Nicolas Waldmann (University of Haifa)
8:00 AM - 12:20 PM; Hall A-C (Moscone South)

NS51B. NS51B. Geophysical Imaging of Fractures and Fluid Flow: Advancing From Detection to Measurement II Posters
Convener(s): Georgios Tsoflias (University of Kansas) and Matthew Becker (Cal State Long Beach)
8:00 AM - 12:20 PM; Hall A-C (Moscone South)

NS52A. NS52A. Applied Geophysics in the Global Marketplace II (Video On-Demand)
Convener(s): Jerry McJunkin (Heritage Group) and Louise Pellerin (Green Engineering, Inc)
10:20 AM - 12:20 PM; 3002 (Moscone West)

NS53A. NS53A. Developments and Practical Applications of the Multichannel Seismic-Data Surface-Wave Analysis Method II
Convener(s): Richard Miller (University of Kansas), Julian Ivanov (Kansas Geological Survey) and Georgios Tsoflias (University of Kansas)
1:40 PM - 3:40 PM; 2018 (Moscone West)

NS54A. NS54A. Advances in Airborne Electromagnetics II
Convener(s): Esben Auken (University of Aarhus) and Jared Abraham (U.S. Geological Survey)
4:00 PM - 6:00 PM; 2018 (Moscone West)

1.5. Hydrogeophysics final session schedule

Wednesday, 5 December 2012:

H33A. H33A. A Vision for the Future: Exploring the Value of Geophysics in Hydrology I Posters
Convener(s): Kamini Singha (Penn State University), Stephen Moysey (Clemson University) and Niklas Linde (University of Lausanne)
1:40 PM - 6:00 PM; Hall A-C (Moscone South)

H33D. H33D. Hydrogeophysics: Lab to Field Scale Characterization I Posters
Convener(s): Steven Meyerhoff (Colorado School of Mines), Andrew Parsekian (Stanford University) and Joseph Doetsch (Berkeley Lab)
1:40 PM - 6:00 PM; Hall A-C (Moscone South)

Thursday, 6 December 2012:

H41K. H41K. Hydrogeophysics: Lab to Field Scale Characterization II
Convener(s): Steven Meyerhoff (Colorado School of Mines), Andrew Parsekian (Stanford University) and Joseph

Doetsch (Berkeley Lab)
8:00 AM - 10:00 AM; 3020 (Moscone West)

H42A. H42A. A Vision for the Future: Exploring the Value of Geophysics in Hydrology II
Convener(s): Kamini Singha (Penn State University), Stephen Moysey (Clemson University) and Niklas Linde (University of Lausanne)
10:20 AM - 12:20 PM; 3020 (Moscone West)

2. Announcement: Professional Service: Your Time & Treasure (from Lu Pellerin)

As you prepare for the Fall Meeting remember that this would not happen without the time and treasure of AGU members. Volunteer service is needed to keep our science strong. President-elect Carol Finn recently put out a call for volunteers and encouraged us to complete an [online form](#) to tell about our skills, experience and interests. Whether you want to serve at the Union or Focus Group level there are a variety of volunteer opportunities of different lengths and commitments for students to senior professionals. Volunteering not only makes the AGU strong, but is a wonderful opportunity to learn skills that can help your career and enhance your network.

A donation, no matter how large or small, supports AGU NS members and the next generation of student scientists. With increased donations, we will be able to expand NSFG initiatives to subsidize student tickets and registrations for Fall Meeting events, fund special student travel grants, honor distinguished and early-career NS member achievements, and provide travel support for NSFG award winners.

If you are a student or early-career scientist start your professional service now - it will come back to you many fold; if you are a mid-career or senior scientist give back for all you have received.

I look forward to seeing you in San Francisco at the 2012 Fall Meeting in oral sessions, at posters and the NS FG Luncheon on Tues afternoon!

Louise Pellerin
NS FG president

3. Announcement: SAGEEP 2013 call for abstracts extended to 16 December 2012 (from Bruce Smith)

SAGEEP 2013 The deadline for submission of a 300 word abstract has been extended to December 16. Authors of accepted abstracts (notification 23 December) will have the option to submit an extended abstract (~1500 words) or a Near Surface Geophysical Letter (~4,000 words and 4 figures). The deadline is 14 January 2013 for submission of final revised abstracts and provisional extended abstracts or Near Surface Geophysical Letters. An exciting new session this year, led by Lee Slater, features all five past recipients of the Early Career Award. Sessions in NMR, case histories, soil properties, already have a number of submissions. See the [EEGS Web site](#) for more information.

4. Call for papers: 7th International Workshop on Advanced Ground Penetrating Radar (IWAGPR) 2-5 July 2013, Nantes, France (from Jan van der Kruk)

The International Workshop on Advanced Ground Penetrating Radar is a biannual series of international scientific symposia devoted to the advancements in GPR techniques and applications. The conference is aimed at presenting a wide range of scientific and technical information of high standard to scientists, engineers and end-users of GPR technology. The goal of the workshop is to spread knowledge about GPR technology and its use, as well as, to provide a unique possibility to participants to exchange ideas about the advances in their

work and discuss their results. All papers presented at the conference will be published in the workshop proceedings. The official language of the conference is English

Contributions are solicited on (but not limited to): Hydrology/Hydrogeophysics, Agriculture, Archaeology, Sedimentology, concrete/Pavements, geology/Geotechnical Engineering, Diagnostic of Historical Buildings, Glaciology, Mining and Tunneling, Utilities detection and mapping, Planetary Exploration, Demining and UXO, GPR wave interaction with the earth, Inverse Problems/Tomography, Numerical Modelling, Data Processing and Interpretation, Novel GPR Systems and Antennas, Airborne, Borehole GPR, Novel Applications

Paper Submission: Authors are invited to directly submit full camera-ready papers of between 4-6 pages. The Technical Review Panel will review submissions and corresponding authors will be notified on the acceptance or rejection of the paper.

Deadline for papers: 15 December 2012
Notification of Acceptance: 15 March 2013

For questions please [contact IWAGPR](#) directly.
More information can be found on the [IWAGPR 2013 Web site](#).

5. Reminder: Post-AGU short course: Launching an Academic Career (from Kamini Singha)

Instructors: Jeff McDonnell, Mike Gooseff, Brian McGlynn, Kamini Singha and Thorsten Wagener

Date: Sat Dec 8th (Day immediately following AGU week)

Location: Holiday Inn Golden Gateway

Fee: \$75

Students: 75 max

Morning Session: How to get an academic job (PhD and post doc prep, The ad, CV, application, interview, negotiation)

Afternoon Session: How to get tenure (what matters, how administrators think, grants, teaching, service, ethics)

Registration on the [OSU Web site](#).

Additional Information: Carly Weber | Registration and Conference Manager|OSU Conference Services|200 LaSells Stewart Center, Corvallis, OR 97331|P: 541-737-8021 |carly.weber@oregonstate.edu

To contribute material to the NS-letter send an e-mail to:

[Xavier Comas](#)

DEADLINE: Material must be received 2 full business days prior to the first of each month.

GUIDELINES FOR SUBMISSIONS: All members are welcome to submit content of interest to the NS community. Please keep messages brief and provide contact information and (if available) a web address for additional information. AGU requests formatting of e-mail messages to be as simple as possible (no bold characters (use ALL CAPS instead), no color font, or other special formatting of text and paragraphs). E-mail attachments cannot be distributed

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