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Recent announcements of interest to the NS community (conferences, academic positions, graduate student opportunities, etc.) can be found at the [AGU NS Focus Group website](http://www.agu.org/nsfg/).

**Early Career Scientists:** Check out the [NSFG Early Career website](http://www.agu.org/nsfg/early-career/).

Follow NSFG on Twitter [@NS_AGU](http://twitter.com/NS_AGU)!
1. Message from Past-President George Tsoflias

I would like to take this opportunity to wish everyone the best for the New Year. As of 1 January 2015, we have a new NSF Executive Committee consisting of President Fred Day-Lewis (USGS), President-Elect Sarah Kruse (Univ. of South Florida) and Secretary Burke Minsley (USGS). As I transition to Past-President, I would like to express my gratitude to 2013-14 executive committee members and numerous NSF members that have contributed to the focus group in various capacities. I am particularly grateful to Stephen Moysey who, as the FG Secretary, ensured that the monthly newsletter came out each month packed with information relevant to FG members (about 3,600 AGU members with primary and secondary affiliation to NSF). Stephen worked with AGU staff to streamline the publication process by having the newsletter posted online. Special thanks go to Xavier Comas, the Fall Meeting Program Representative, who orchestrates our sessions, from proposals to abstract allocations and Fall Meeting scheduling. With a growing NS presence at the Fall Meeting (19 oral and poster sessions and 192 abstracts in 2014) this is not a trivial task. I would also like to thank Juan Lorenzo who is tirelessly continuing to serve as the FG Web Editor and is working closely with AGU staff on our new online presence. Many thanks to Early Career Scientist Nedra Bonal who initiated the use of social media and Fall Meeting functions for early career scientists affiliated with NSF, and to former Student Representative Seth Campbell who not only helped organize student activities but was a driving force behind a newly established student grant (read below about the GSSI Student Grant). I would also like to thank all NSF members that have served as Outstanding Student Paper Awards (OSPA) judges and especially Fred Day-Lewis, John Lane and Xavier Comas for coordinating 2014 OSPA. Last but not least, Lu Pellerin (outgoing Past-President) deserves very special thanks for her tireless service to the near-surface community and NSF. I am pleased to report that Lu was elected the 2015-16 General Secretary in the AGU Board of Directors.

2. 2014 AGU Fall Meeting Review (from George Tsoflias)

The AGU Fall Meeting has continued to grow with attendance exceeding 24,000 in 2014 making it the largest Earth and space science meeting in the world. The Near-Surface Geophysics Focus Group had another strong year with 19 sessions and 192 abstracts, as well as Hydrogeophysics sessions and co-sponsored sessions with other groups. Excellent presentations were given by our students and the OSPA competition was close. OSPA winners are announced below in this newsletter as well as online and in Eos.

The Near Surface Business Luncheon sold out again this year (100 seats) and it was a great opportunity to meet with friends and colleagues, despite the obligatory business update. Thirty student members were awarded free luncheon tickets thanks to the generosity of event sponsors and donors. I would like to acknowledge Geometrics and the Society of Exploration Geophysicists for sponsoring the luncheon as well as donors Green Geophysics, GSSI, Sensors & Software, IRIS Instruments and Zonge. The joint Hydrogeophysics-Near Surface social evening gathering at Hotel Utah is another favorite event that has become a tradition for our community and it was well attended. On the business front, our membership fluctuates between primary (575) and secondary (3,056) affiliation as member interests change, but overall NSF membership remains strong at about 3,600 AGU members. Generous contributions by sponsors and donors have allowed free attendance of students to the business luncheon and cash OSPA awards. We hope to be able to support more activities in the future as fundraising grows. A highlight of the Fall Meeting was the official approval of the Student Research Grant established by GSSI to support student research (more details next).

2.1 NSFG 2014 Outstanding Student Paper Awards

Congratulations to this year’s winners of the Outstanding Student Paper Award at the AGU Fall Meeting!
2.2 GSSI Student Grant

I am honored to make the official announcement of a new student grant established by GSSI (Geophysical Survey Systems INC). The goal of the grant is to support NSFG student members conducting field geophysical research using Ground-Penetrating Radar (GPR) and Electromagnetic (EM) methods. The GSSI Student Grant will be up to US $2000 and in addition it can include loan of field instrumentation by GSSI. I would like to thank GSSI and Brian Jones for the generous award and former NSFG student representative Seth Campbell for bringing forward the idea and helping launch the award.

This is an annual award. Applications will open by 31 January and will close by 15 March. The first award will be given in May 2015. Applications will be submitted online through AGU’s website. More information about the application process will be given in the February newsletter. Each application should include: Personal details (CV) and transcripts; Proposal narrative including research objective, benefit, methods and plan (not to exceed two pages); Proposed budget, including financial and equipment needs, and brief budget justification; One letter of support from research faculty advisor.

2.3 AGU Membership Renewal and Contributions to NSFG

NSFG members: If you have not renewed your AGU membership yet, this is the time to do it. Please make sure that Near Surface remains as one of your AGU affiliations (either primary or secondary) in order to continue receiving the newsletter.

This year consider making a donation to NSFG, any amount is appreciated. You can make your contribution online. NS funds have been used to support student activities (subsidize the luncheon cost at the annual meeting; give monetary awards to OSPA presenters). We would like to expand benefits to students, such as travel grants to attend the Fall Meeting. Our focus has been on supporting students and we envision that remaining a priority; however other activities could also be supported. Your suggestions are always welcome.

2.4 Union Awards, Medals, and Prize Nominations begin 15 January 2015

Deadline for Nominations: 15 March 2014

Did you know that AGU has 22 Union Awards, Medals, and Prizes, plus the Union Fellows program? Surely there are NSFG members deserving recognition for their contributions to science and society. If you have someone in mind that you would like to see nominated from NSFG, review details on the AGU Honors website and contact George Tsoflias (tsoflias@ku.edu), Nominations Committee Chair.
3. Journal Special Issue Call for Papers

3.1 Interpretation Special Issue: Characterization and monitoring of subsurface contamination

Deadline for manuscript submission: 1 March 2015

Contaminated land is a significant problem that directly affects human health, ecosystems, and property. It also can impact valuable resources (e.g., groundwater, surface water). Contaminated sites exist in variety of sizes and locations, from a leaking underground storage tank to mega sites that stretch across several industrial facilities. Poor land quality can be the result of geogenic or anthropogenic activities, such as manufacturing, mining, and improper waste disposal. This can result in a wide variety of contaminants, across a range of concentrations and different media. Subsurface contamination characterization can be challenging from the surface since, very commonly, there is no surface footprint. Thus, novel, cost-effective, and cross-disciplinary methods are needed to accurately describe subsurface contamination and monitor its evolution over time.

Subsurface contamination characterization is an inherently difficult task due to the almost endless list of contaminants in a variety of host media and depths. Continuous advances of characterization methods, changes in regulatory standards, and the development of remediation systems further complicate this task. With this special section, we aim at bringing together scientists and engineers from different disciplines, with research focused in subsurface contamination, to highlight the current stage of the technology. Furthermore we want to bring forward recent research advances on characterization and monitoring methods, and identify the pathways for the industry to adopt them.

The editors of Interpretation (www.seg.org/interpretation) invite papers on the topic Characterization and monitoring of subsurface contamination for publication in a November 2015 special section to supplement the journal's regular technical papers on various subject areas.

We are seeking submissions on related topics including:

1. novel methods for characterization (e.g., geophysics)
2. state-of-the-art field sampling and interpretation
3. synergistic site characterization (established and novel methods)
4. long term, sustainable, monitoring
5. integrated databases for tracking contaminated sites

Interested authors should submit for review no later than 1 March 2015 via the normal online submission system for Interpretation (https://mc.manuscriptcentral.com/interpretation) and select the Characterization and monitoring of subsurface contamination special section in the dropdown menu. In addition, the special section editors would like to receive a provisional title and list of authors as soon as possible. The submitted papers will be subjected to the regular peer-review process, and the contributing authors also are expected to participate in the peer-review process.

Special section editors: Dimitrios Ntarlagiannis, Rory Doherty, Ralph Costa, Kenneth Hurst Williams, Chi Zhang, Pantelis Soupios
3.2 **Geophysics Special Issue: Advancements in the measurement of the cryosphere using geophysics**

**Deadline for Manuscript Submission: 28 February 2015**

The Near-Surface Geophysics Section of SEG is soliciting manuscripts for a special issue of *Geophysics* focused on methods used to investigate the cryosphere. The cold regions of Earth are of interest to the broad scientific community due to their importance in engineering, resource, and environmental problems. Ground-based, airborne, and space-borne geophysical measurements can all add valuable subsurface information used in understanding the frozen regions of Earth. This special section will highlight recent advances from a broad range of methods and applications that have provided significant new ability to study the cryosphere system. We seek discussions of field acquisition methods and new applications to measure cryosphere parameters using geophysical methods including seismic, georadar, electromagnetic, nuclear magnetic resonance, magnetic, electrical resistivity, LiDAR, synthetic aperture radar (SAR), etc. We seek case histories from cold and temperate glaciers, rock glaciers, permafrost or seasonal freezing, sea ice, river and lake ice, and snow covers in alpine, valley or plains settings.

Authors should first register their interest and prospective title with the special section editors and plan to submit their manuscripts for review no later than 28 February 2015. All submissions can be made using the [Geophysics online submission system](https://mc.manuscriptcentral.com/geophysics). Please indicate that the manuscript is intended for the *Advancements in the measurement of the cryosphere using geophysics* special section in the online submission system and in a cover letter to the editor. Please note, that if you submit, your manuscript will go through the standard Geophysics review process and authors will also be asked to contribute to the review process.

A link to Manuscript Central where submissions may be made is [here](https://mc.manuscriptcentral.com/geophysics). Remember to choose the “cryosphere methods in GEOPHYSICS” from the “Manuscript Type” drop down menu to ensure that each submission is routed to the guest editorial team. Please share this announcement with others who may be interested.

If questions arise, please do not hesitate to contact Andrew Parsekian (aparseki@uwyo.edu), or another member of the guest editorial board (Steve Arcone, John Bradford, Bernd Kulessa, George Tsoflias).

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4. Upcoming Conferences and Workshops

4.1 **26th General Assembly of the International Union of Geodesy & Geophysics (IUGG)**

**Submission Deadline:** 31 January 2015  
**Meeting Dates:** 22 June – 2 July 2015  
**Meeting Location:** Prague, Czech Republic  
[Visit the Conference Website](https://www.iugg2015.org/)

**From Gad El-Qady (via MTNet):**

Dear colleagues,

Please consider submitting an abstract to IAGA Symposia A03 (EM imaging from Near-Surface, lithosphere - Asthenosphere, to the core) of the IUGG meeting in Prague (22 June - 2 July 2015).

A03 Electromagnetic Imaging from the Near-Surface, Lithosphere-Asthenosphere, to the Core: Results and Interpretations (Div.I)
Convener: Veeraswamy Koppireddy (Hyderabad, India)
Co-conveners: Gad El-Qady (Cairo, Egypt), Jorge Arzate Flores (Queretaro, Mexico)

Description
Electromagnetic technique is one of the powerful tools for imaging the electrical conductivity and structure of the earth, from the near-surface down to the 410 km transition zone and even beyond. This method is being extensively used for the exploration of near surface structure and exploration for Groundwater, Hydrocarbon, Geothermal, earthquake studies, waste characterization, archaeological surveys, agriculture applications and geotechnical investigations as well as in basic research by delineating crustal characteristics (consists of cratons, mobile belts etc.), collision/subduction zones, lithospheric, sublithospheric structures and 410 km transition zone (e.g. mantle plumes and their evolution). Electrical resistivity/conductivity derived from these studies are applied to interpret the temperature variations in the earth's interior. The results derived from this method are controlled by frequency/period of excitation and resistivity/conductivity of the formations to arrive at well-constrained depth sections. These results can be utilized to derive the tectonic models related to Plate and/or Plume tectonics. The developments in past two decades in instrumentation, data processing, interpretation methodologies (algorithms etc.), and access to powerful computers have augmented innovation throughout the Electromagnetic community. We are pleased to invite researchers to submit abstracts of their studies related to above topics (waste characterization studies, archaeological surveys, agriculture applications, and geotechnical investigations). Integration of these results with other information (Geophysical, Geological, Geochemical and Tectonic) is indeed more interesting and encouraged.

4.2 International Association for Mathematical Geosciences (IAMG)
Submission Deadline: 1 February 2015
Meeting Dates: 5-13 September 2015
Meeting Location: Freiberg, Germany
Visit the Conference Website

From Klaus Spitzer (via MTNet):
The conference welcomes all kinds of contributions advancing the use of mathematics and informatics in the geosciences. Methodological and applied contributions are likewise welcome. Traditionally, it has been attended rather by geostatisticians and computer scientists and it is now a superb opportunity to broaden the scope towards problems we face in EM. Please consider to submit a contribution to the focus session 'Inverse Problems in the Geosciences' chaired by my colleague Michael Eiermann from the Institute of Numerical Analysis and Optimization in Freiberg and myself. Acceptance is based on short abstracts. Submission deadline is Feb 1, 2015. I would be happy if we could give our community a more visible appearance on this platform. Please find the session description below. For more information see http://www.iamg2015.de

Focus Session 'Inverse Problems in the Geosciences':
Inverse problems arise everywhere in the geosciences: Geophysicists, e.g., try to reconstruct the subsurface distribution of material parameters such as density, elasticity, magnetization, or electric conductivity, just to name a few, by measuring the appropriate physical fields. These distributions appear as coefficients in a number of differential equations governing the underlying physics, for instance, the heat equation, Maxwell's equations, Navier-Stokes equation etc. Their solutions can be partially observed. The resulting parameter estimation problem, i.e., the reconstruction of the coefficients of a differential equation from measured incomplete solutions, is a typical inverse problem.
Similar problems arise in geodesy, meteorology, oceanography, hydrology, etc. Inverse problems are still challenging because they are notoriously ill-posed. Intensive areas of research are currently the efficient solution of the associated forward problems, the numerical computation of sensitivities, the selection of an appropriate regularization technique, and the handling of the uncertainty in the data. This session provides a forum, where modelers confronted with inverse problems in the geosciences can interact with applied mathematicians and numerical analysts.

### 4.3 European Geosciences Union (EGU) General Assembly

**Submission Deadline:** 7 January 2015  
**Meeting Dates:** 12-17 April 2015  
**Meeting Location:** Vienna, Austria  
[Visit the Conference Website](#)

Several sessions that may be of interest to the Near Surface community are listed below. Please see the conference website for a full listing of sessions.

- EMRP2.3 “Innovative techniques to unveil hidden features of the geomagnetic field”  
- CR2.3 “Applied Geophysics in Cryosphere Sciences | PICO Session”  
- SM4.1/GM1.13/HS11.5 “Imaging the shallow subsurface with seismic and other geophysical methods”  
- HS8.1.2 “Hydrogeophysics in subsurface hydrology”  
- SM4.4/GMPV6.5 “Geophysical imaging of volcanoes (co-organized)”

[Learn how to submit an abstract.](#)

### 4.4 KEGS 2015 Symposium: Exploration for Strategic Minerals

**Submission Deadline:** 16 January 2015  
**Meeting Dates:** 28 February 2015  
**Meeting Location:** Toronto, Canada  
[Visit the Symposium Website](#)

*From Edna Mueller-Markham (via MTNet):*

With advances in technologically sophisticated products, the world demand for some specific minerals has shifted. For example, exploring for rare earth minerals is on the rise, primarily because sovereign countries would like to have a better control on the supply. According to the USGS “2013, the United States was 100 percent dependent on foreign suppliers for 17 mineral commodities and more than 50 percent dependent on foreign sources for at least 24 other mineral commodities.” Exploration for strategic minerals could include PGMs, REEs (including the Lanthanides), uranium, chromite, gallium, manganese, graphite, etc.

KEGS invites exploration companies, research groups, consultants and contractors to share geophysical case studies, technologies and techniques that demonstrate recent advances in the exploration and delineation of strategic mineral deposits. Authors should highlight the use of geophysics by submitting a short abstract (maximum 500 words) to any member of the KEGS Executive. Abstract format should follow the standard SEG format. A template will be provided on the KEGS web site.
Talks will be 20 minutes with 5 minutes for questions. In lieu of an oral presentation, there will be a limited number of poster venues available and authors are invited to present a poster, if they prefer. Final decisions on paper acceptance will be made after a review of all abstracts received by the deadline.

4.5 SAGEEP 2015
Submission Deadline: 19 January 2015 (Final Abstracts)
Meeting Dates: 22-26 March 2015
Meeting Location: Austin, Texas
Visit the Conference Website

Make your flight and hotel arrangements soon! Below is an update on key SAGEEP elements that should help you plan your travel. Keep checking www.eegs.org/sageep-2015 for further news and updates. Registration opens soon. 225 abstracts for oral and poster presentation have been accepted for SAGEEP. Abstract revisions and optional extended abstracts are due January 19, 2015. You can find a list of submitted papers and instructions for extended abstracts at www.eegs.org/abstracts-sessions. Contact technical chair Brad Carr (bcarr1@uwyo.edu) for further information.

Conference Schedule and Special Events
Sunday, March 22
• Pre-Conference Tours/Events
• Student Event
• Short Courses

Monday, March 23
• Opening Session
• Best of EAGE’s NSGS
• Geoscientists Without Borders’ Luncheon
• Technical Sessions
• Outdoor Equipment Demonstrations/Texas BBQ

Tuesday, March 24
• Technical presentations and Posters
• EEGS Luncheon with Speaker

Wednesday, March 25
• Technical presentations and posters
• Luncheon
• Happy hour (and another free beer ticket!) at the poster area, which may morph into an informal closing party on the hotel patio and lawn

Thursday, March 26
• Short Courses
• Full Day Field Trip

4.6 77th EAGE Conference & Exhibition
Submission Deadline: 15 January 2015 (Conference); 13 February 2015 (Workshops)
Meeting Dates: 1-4 June 2015
Meeting Location: Madrid, Spain
Visit the Conference Website

Near surface focus-topics for the conference call for abstracts are listed below; see conference website for a full list:

• Environmental and Hydrological Issues Related to Unconventional Resource Exploitation
• Characterization and Monitoring of Hydrocarbon Polluted Sites
• Exploration Applied to Water Resources Estimation and Management
• Geophysical Site Characterization Applied to Climate Change Evaluation
• Geophysical Investigation and Monitoring of Shallow Hazards
• Geophysical Investigation and Monitoring for Induced Seismicity
• Near-surface Characterization for Hydrocarbon Prospecting
• Risk Assessment of Shallow Sub-seabed
• Site Investigation for On- and Off-shore Engineering

Workshop on “Full Waveform Inversion for Near-surface Characterization”

This one-day workshop will be held on 1 June 2015. The workshop will highlight the state of the science and critical future directions in using accurate forward modeling programs in full-waveform inversion algorithms to obtain sub-wavelength resolution images of the near surface. Recently successful field data applications of FWI have been published in the non-destructive material testing using ultrasonics, the prospecting of the near-surface using ground penetrating radar, and the reconstruction of elastic properties from shallow seismic Rayleigh waves. During the workshop recent developments will be discussed and it is expected that the workshop will include presentations about the theoretical background, synthetic examples, and several case histories for ultrasonics, shallow seismics and ground penetrating radar applications. The workshop shall consist of oral and poster presentations depending on the number of submissions. Sufficient time will be given for discussion to allow for the exchange of knowledge and experiences.

Two to four (2-4) A4 sized page abstracts should be submitted before 13 February 2015. Additional information is available online. For more information please contact Thomas Bohlen (thomas.bohlen@kit.edu) or Jan van der Kruk (j.van.der.kruk@fz-juelich.de)

4.7 NovCare 2015 International Conference

Submission Deadline: 27 February 2015
Meeting Dates: 19-21 May 2015
Meeting Location: Lawrence, Kansas
Visit the Conference Website

From George Tsoflias:

The NovCare 2015 International Conference (Novel Methods for Subsurface Characterization and Monitoring: From Theory to Practice) will take place 19-21 May 2015 at the University of Kansas in Lawrence, Kansas, a delightful college town in the central United States. This conference, organized by the University of Kansas, Michigan State University, the Helmholtz Centre for Environmental Research, and the University of Tübingen, is the fourth conference in a series that has proven to be an excellent forum for exchanging ideas and experiences related to the challenges of subsurface characterization and monitoring. Previous conferences in the series were in Leipzig in 2009, Cape Cod in 2011, and Leipzig again in 2013.

NovCare 2015 will again provide an outstanding platform for researchers and practitioners from all over the world to share research on innovative methods for characterization and monitoring of aquifers, soils, and watersheds. The six thematic categories of NovCare 2015 are (1) integrated characterization of the unsaturated and saturated zones, (2) characterization at the interface (stream-aquifer interactions, coastal settings, etc.), (3) opportunistic characterization (natural/anthropogenic stimuli and tracers of opportunity), (4) new tools for watershed characterization, (5) geotechnical site characterization, and (6) long-term monitoring.
Invited speakers for NovCare 2015 from the geophysics community include Rick Miller, Rosemary Knight, Esben Auken, and Jens Tronicke.

Abstract submission deadline is 27 February 2015.

We cordially invite you to participate in the conference and present your work. Further information is available online.

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5. Position Announcements

5.1 Postdoctoral Opportunity with the Catalina-Jemez CZO, University of Arizona

The University of Arizona is seeking a postdoctoral scientist to help lead a drilling and borehole extraction project that has the objective of resolving relations between regolith structure, hydrologic flow paths, and biogeochemical weathering in the deep CZ subsurface (to tens of meters) in the Catalina – Jemez Critical Zone Observatory (SCM-JRB CZO).

The postdoctoral scientist will work closely with a team of faculty, staff, and graduate students in

(i) using geophysical datasets to guide the establishment of borehole locations;
(ii) extracting regolith cores for physical, chemical and biological analysis;
(iii) instrumenting boreholes with sensors to enable subsequent monitoring for hydrologic dynamics;
(iv) numerical modelling of deep weathering/CZ processes; and
(v) leading data analysis and writing manuscripts with deep CZ datasets and model results.

Required qualifications include a Ph.D. in earth or environmental sciences.

Preferred qualifications include prior experience with subsurface drilling operations and instrumentation for groundwater monitoring.

Interested applicants should submit a cover letter of interest, a current curriculum vitae, and names/email addresses of at least three professional references at the UA Human Resources job site.

If this brings you to the Human Resources home page instead of to the job posting itself, click on “Search Postings” in the upper left, and then enter the number 57033 in the box next to the words “Job Number”. This will bring you to the application page for the position.

Candidates should feel free to contact any member of the CZO investigator group for further discussions on this position.
5.2 PhD studentship Lancaster University/British Geological Survey

*Enhancing the information content of geophysical data applied to nuclear site characterisation*

Closing date: 4 February 2015
Start date: October 2015
NOTE: funding is available for UK and overseas applicants. Funding includes fees (tuition) and stipend for 3.5 years.

5.3 PhD position in biogeophysics at University of Bonn

Applications are invited for a PhD graduate research assistantship covering a broad range of natural scientific disciplines (geophysics, biophysics, soil science) within the SFB/TR32 "Patterns in Soil-Vegetation-Air-Atmosphere: Monitoring, Modeling and Data Assimilation" based at three German universities in Aachen, Bonn and Cologne as well as the Research Centre Jülich. The TR32 is an interdisciplinary collaborative research center dealing with patterns in state variables, mass and energy fluxes in the coupled soil-vegetation-atmosphere system due to complex exchange processes and interactions between the compartments. For details regarding the available positions and the application process, please visit www.tr32.de.

**Position as doctoral research scientist**

The position (75% TV-L E13 if terms and conditions of the TV-L are fulfilled, preferred starting date 1 April 2015, end of project 31 December 2018) is awarded for at least 3 years. We offer a productive and interdisciplinary working atmosphere including comprehensive supervision at the Department of Geophysics, Steinmann Institute, University of Bonn.

The doctoral research scientist will work on the non-invasive monitoring and characterization of the development of crop root systems and associated soil water dynamics in the subsoil by means of combined EIT (electrical impedance tomography) and GPR (ground-penetrating radar) tomography. The work will comprise growing experiments over complete vegetation periods conducted at a field-scale rhizotron facility exhibiting different soil types and allowing different precipitation conditions.

**Requirements**

The successful candidate should hold a MSc degree (or equivalent) in geophysics, biophysics, soil science, electrical engineering, or a related discipline, with an overall grade of at least good. He/she should have a keen interest and preferably some experience in electrical/electromagnetic imaging methods, soil/root physics, and/or root physiology. Moreover, he/she should be willing and able to write scientific papers for publication in scientific journals and, since the work involves cooperation with scientists from different disciplines and research institutes, should have good communication and organizational skills.

Please send your application in electronic form with the relevant documentation (including statement on personal motivation, CV, names and addresses of two referees) to Ms. Lisa Takacs (takacs@geo.uni-bonn.de), Department of Geophysics, Steinmann Institute, University of Bonn.

The University of Bonn is an equal opportunity employer in compliance with the German disability laws. Women and persons with disabilities with equal capability, suitability and professional experience are favored and strongly encouraged to apply.
TO CONTRIBUTE MATERIAL TO THE NSFG NEWSLETTER SEND AN E-MAIL TO:
Burke Minsley (bminsley@usgs.gov)

DEADLINE: Material must be received 5 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.

GET YOUR MESSAGE OUT NS MEMBERS FASTER:
You will no longer need to wait until the end of the month to share an important or time-sensitive contribution to the newsletter. Appropriate contributions to the newsletter will also be shared ASAP via Twitter. Please note that only NSFG members that follow @NS_AGU will receive Twitter announcements; so make sure that you sign up!