

Letter From the President,

Jan van der Kruk

Dear NSGS members,

The SEG meeting is coming up and over 60 abstracts were submitted and reviewed for the SEG 2010 Technical program. I would like to thank Xianhuai Zhu and Klaus Holliger who organized the review procedure, all members who submitted or reviewed abstracts this year and Stewart Levin and Cassidy Grusi from the SEG Office for their help in scheduling the sessions. Many high quality abstracts were submitted which enabled us to schedule a great Technical Program that contains a broad spectrum of near surface geophysics during the entire conference duration. In addition to three oral and two poster sessions we have this year three special sessions:

1. Hydrogeophysics
2. Geohazards and Public Safety
3. Humanitarian and Environmental Applications of Geophysics at the Community Level, where several projects of the Geoscientists without Borders present their results.

More information about the SEG conference can be read in this newsletter. This Letter of the President was written in Chengdu (China), where the 4th biannual International Conference on Environmental and Engineering Geophysics (ICEEG) was organized from June 14-17. Two NSGS Members, John Bradford (2nd Vice-President SEG) and myself attended this meeting. In addition, a joint NSGS-ICEEG workshop was organized at June 11th in Wuhan. Several discussions with representatives of the NSG China, EEGS, SEG Office, SEG-China Office and NSGS took place to discuss possible cooperation to join forces between the NSG societies and work more closely together in future. More about these meetings can be found in this newsletter.

Currently we are in the process of redesigning our NSGS webpage. In addition to updating our webpage we announce a LOGO design competition to design and create a new logo for our section. We are looking forward to receiving many logo designs.

Best wishes,

Jan van der Kruk

President, Near Surface Geophysics Section of SEG

NSGS Logo Design Competition

The NSGS is currently in the process of redesigning their webpage. In addition to updating our webpage we announce a LOGO design competition to design and create a new logo for our section. The new LOGO should represent objectives of the Near-Surface Geophysics (NSG) Section of the Society of Exploration Geophysicists that includes the promotion of the rigorous practice of the science of shallow-earth geophysics including engineering, environmental, groundwater, mining, geothermal, and archeological applications (see also our homepage <http://nsgs.seg.org>). Please email [Rob Jacob](mailto:Rob.Jacob@seg.org) indicating your intention to submit a LOGO design.

LOGO entries are due **Oct 1, 2010** to [Rob Jacob](mailto:Rob.Jacob@seg.org), and if you have any questions, do not hesitate to contact Rob directly. The NSGS executive committee will vote to award the best design received with a copy of Near Surface Geophysics (Investigations in Geophysics No. 13) - edited by Dwain Butler. This book discusses the whole range of Near Surface Geophysics in 732 pages and is published by the SEG (see also SEG's bookmart). If the NSGS adapts your LOGO, you will be given credit with the design on the website. We are looking forward to receiving many logo designs.

Rob Jacob & Jan van der Kruk



International Conference on Environmental and Engineering Geophysics (ICEEG)

The 4th biannual International Conference on Environmental and Engineering Geophysics (ICEEG) was organized from June 14-17 and two NSGS Members, John Bradford (2nd vice-president SEG) and Jan van der Kruk (NSGS President) attended this meeting. The ICEEG conference was organised by Runqiu Huang, Xuben Wang, Jianghai Xia, Yaoguo Li, Sheng Yu and Yixian Xu, and the ICEEG workshop was organised by Yixian Xu and Jiangai Xia. In addition, a joint NSGS-ICEEG organized workshop was organized at June 11th in Wuhan. Both meetings were well-attended and several invited speakers from the US, Europe, and China gave presentations. In the subsequent discussions ideas were exchanged to improve solving near-surface problems with Geophysics. In addition to the keynote sessions the whole range of Near Surface Geophysics was covered by 8 sessions about “Seismic Technologies and applications”, “Electric, electromagnetic and SNMR methods”, “GPR applications”, “Spatial information technology”, “Gravity and Magnetic applications”, “Integrated Geophysical Applications”, and “Seismic technologies and applications”.

Several discussions with representatives of the NSG China, EEGS, SEG Office, SEG-China Office and NSGS took place to discuss possible cooperation to join forces between the NSG societies and work more closely together in future. More about these meetings can be found in this newsletter.

Jan van der Kruk and John Bradford



From right to left: Yadan Mao (China University of Geosciences, China (CUG)), Chao Chen (CUG), Zhenyu Li (CUG), Alan Green (ETH Zurich, Switzerland), Yinhe Luo (CUG), Jeffrey Paine (University of Texas at Austin, USA), John Bradford (Boise State University, USA), Miao Luo (CUG), Thorleif Dahlen (Lund University, Sweden), Yixian Xu (CUG), Jan van der Kruk, (Research Center Juelich, Germany), Xuemin Shi (CUG).

Student Travel Grants to SEG 2010

Purpose

The NSG Section Student Travel Grant Program exists to encourage students seeking a career in near-surface geophysics to attend the SEG Annual Meeting. Each year a number travel grants of \$500 (USD) may be awarded.

Eligibility

Students with research projects in near-surface geophysics are eligible for a travel grant. Preference will be given to students presenting oral or poster papers at the SEG Annual Meeting. The applicant must be a student member of NSG Section.

Applications

Applications will be accepted until August 31, 2010. Applications should be submitted by email to

Annual Meeting Travel Grants

SEG Foundation

P.O. Box 702740

Tulsa, Oklahoma 74170-2740 USA

Fax: 918-497-5560

Or (preferred)

Sent electronically to <https://www.grantinterface.com/SEG/Common/LogOn.aspx>

The application Should contain at a minimum:

1. Name, address, telephone number, and e-mail, including permanent school and summer addresses
2. Affiliation (college or university, department, and academic advisor)
3. Maximum, one page summary, listing course work in geophysics, synopsis of planned career and financial need if appropriate.

4. Research topic (preferred, the expanded abstract of the SEG Annual Meeting presentation)

5. Letter of confirmation of enrolment from academic advisor

Selection

A Selection Committee consisting of the NSGS Awards Committee or Past-President, President, and President-Elect will review the applications and recommend awards to the Executive Committee. The Selection Committee will notify the award recipients one month after the deadline for applications.

Payment

The travel grants will be awarded at the NSG Section dinner reception or business meeting during the SEG convention. Award winners receive a free invitation to the reception if charges are applied.

Call For Awards Nominations

The NSGS has two major awards, the Harold Mooney award, the Frank Frishknecht Leadership Award. These awards are our chances to honor members that have made superior contributions to our community. For these awards to be effective we need active participation by the membership to generate nominations.

Please read the following and submit your nomination to awards committee chairman, [Larry Bentley](#). The nomination should contain the name, title and affiliation of the candidate along with a narrative describing the reasons for the nomination. Nominations should be received by Tuesday **August 31, 2010** for full consideration.

Harold Mooney Award

The Harold Mooney Award is presented by the NSG Section during its reception and dinner at the SEG annual meeting. The honoree is chosen by his or her peers through nominations from the membership and recommendation to the NSG Section Executive Committee. The award is presented to an individual in recognition of long-term, tireless, and enthusiastic support of the near-surface geophysics community through education, outreach efforts, professional service, or development of opportunities with other professional disciplines that employ geophysics.

Frishknecht Leadership Award

The Frank Frischknecht Leadership Award is jointly presented by the NSG Section and the Environmental and Engineering Geophysical Society (EEGS). The award alternates (on an approximately 18-month interval) between the SAGEEP meeting and the NSG Section's banquet at the SEG annual meeting. This year it will be presented by the EEGS, but the NSGS can send nominations to the EEGS for consideration. The Frank Frischknecht Leadership Award is established to recognize an individual who shows extraordinary leadership in advancing the cause of near-surface geophysics.

For more information see <http://nsgs.seg.org/section-awards.htm>

Call for NSGS Awards Committee Volunteers

The Near Surface Geophysics Section has recently formed the NSGS Awards Committee. The Committee currently consists of Larry Bentley (University of Calgary). I would like to add at least one more volunteer to act as a member of the committee. The mandate of the committee is to encourage nominations for the Frank

Frishknecht Leadership Award and the [Harold Mooney Award](#) (see <http://nsgs.seg.org/award.htm>) as well as make recommendations to the executive committee for the disposition of the award. In addition, the awards committee works with the student travel grants program and other initiatives as formulated by the committee. If you are interested, please contact [Larry Bentley](#).

Upcoming Courses & Conferences

2010 Conferences of Interest

Conference	Date	Location	Website
2010 Western Pacific Geophysics Meeting	22–25 June	Taipei, Taiwan	http://www.agu.org/meetings/wp10/
Water 2010	5 – 7 July	Quebec , Canada	http://www.water2010.org/
2010 The Meeting of the Americas	8 – 13 August	Foz do Iguassu, Brazil	http://www.agu.org/meetings/ja10/
SEG/EAGE Summer Research Workshop , "Low Frequencies: their values and challenges"	15 – 20 August	Snowbird, UT, USA	http://www.seg.org/SEGportalWEBproject/portals/SEG_Online.portal?_nfpb=true&_pageLabel=pg_gen_content&Doc_Url=prod/SEG-Meetings/Mtgs-Upcoming-Mtgs/SRW.htm
XIII Symposium on Water-Rock Interaction	16 - 20 August	Guanajuato, Mexico	http://wri13.cicese.mx/
ASEG Exposition	22 – 26 August	Sydney, Australia	http://www.aseg-pesa2010.com.au/
European Conference on Earthquake Engineering	30 August - 01 September	Ohrid, Macedonia	http://www.14ecee.mk/
Near Surface Geophysics, EAGE	6 - 8 September	Zurich, Switzerland	http://www.eage.org/events/index.php?evp=3149&ActiveMenu=2
SEG International Exposition and 80th Annual Meeting	17 – 22 September	Denver, CO, USA	http://www.seg.org/SEGportalWEBproject/portals/SEG_Online.portal?_nfpb=true&_pageLabel=pg_gen_content&Doc_Url=prod/SEG-Meetings/Mtgs-Annual-Meeting/2010overview.htm
2010 AGU Fall Meeting	13 – 17 December	San Francisco, CA, USA	http://www.agu.org/meetings/fm10/

SEG 2010: Denver, Colorado

NSG-Related Presentations

October 17-22

Over 60 abstracts were submitted and reviewed for the SEG 2010 Technical program. Seven technical sessions are distributed across the seven technical sessions slots. A broad spectrum of near surface geophysics will be presented in three oral sessions:

- Methodological developments and case studies 1, 2
- Surface waves

two poster sessions,

- Methodological developments and case studies 1 and 2

and special sessions,

- Geohazards and public safety
- Humanitarian and environmental applications of geophysics at the community scale
- Hydrogeophysics

The NSGS thanks those members whom submitted or reviewed abstracts this year.

Additionally, there will be two NSGS events at this year's technical meeting that we also hope to see you at: An evening social event/business meeting for awards held at Wynkoop Brewing Company. The annual section's Business Meeting will be held at the convention center on an afternoon with minimal conflict to other NSG sessions. Further information about the sessions will be provided on the [NSGS website](#).

We are looking forward seeing you in Denver.

For questions or suggestions please do not hesitate to email Jan van der Kruk (j.van.der.kruk@fz-juelich.de) or Klaus Holliger (klaus.holliger@unil.ch).

SEG Short Courses and Workshops

Near-Surface Seismology

Gregory Baker will be teaching a two-day course on Near-Surface Seismology during the SEG meeting. This course is designed to provide background information to help professionals assess or use near-surface seismic methods. This intensive course will cover

1. Basic near-surface seismic theory

2. Instrumentation: including sources, seismographs, and sensors
3. Seismic refraction: including fan shooting, generalized reciprocal method (GRM), and refraction tomography
4. Seismic surface waves: including spectral analysis of surface waves, (SASW) and multichannel analysis of surface waves (MASW)
5. Seismic reflection: including common-offset and common-midpoint (CMP)
6. Seismic data integration and interpretation, including pitfalls and case histories.

More information can be found at <http://seg.org/upcomingcourses> or by contacting [Cecilia Martin](#).

NSGS Meeting and Reception

Tuesday, 19 October

Wynkoop Brewing Company

The NSGS will be holding its annual social meeting and reception during SEG at the Wynkoop Brewing Company in the Mercantile Room. Wynkoop Brewing Company is at 1634 18th St. The NSGS Meeting starts at 6:30, the Dinner/Reception at 7:30. There is no charge to NSG Section members, non-members can join on the spot and students are welcome: Student membership free).

In addition to the evening meeting/reception all members are welcome to share their ideas at a business meeting to be held at the convention (location and time TBA).