

Call for papers

Special Issue on “Student-Based Research” in EAGE journal of *Near Surface Geophysics*

Abstract deadline : 1st July 2009

In the current competitive and demanding financial climate, finding the time and funding to undertake truly innovative, unique research has becoming increasingly problematic for everyone involved in near-surface geophysics. With such a broad subject area, it is vital that new application-based technologies are developed in order to ensure that near-surface geophysics remains at the cutting-edge of modern science. As a large majority of the most forward-looking work is driven by student-based projects, their work has a pivotal role in the development of research and, therefore, the technologies of the future. Undergraduate and postgraduate projects often provide the best opportunity for open, novel research development without the political and commercial restrictions of larger-scale formal funding programmes. Unfortunately, much of this work remains unpublished or, at best, confined to dissertations, theses or technical reports. As such, this ‘Special Issue on Student-Based Research’ aims to provide a showcase for the best student-lead research currently being undertaken in the near-surface geophysics discipline. Ultimately, the students of today are the world-leading scientists of tomorrow and, as such, we hope that this special issue of *Near Surface Geophysics* will play a part in highlighting the excellence, quality and international standing of our student community.

We wish to promote student-based research and encourage current undergraduate and postgraduate students to submit high-quality papers to the special issue as lead or major co-authors. Papers with non-student authors are also welcome, but their content must contain a significant component of student-related research. Topics of interest are only required to fulfill the scope of the *Near Surface Geophysics* Journal, but we are particularly interested in

- ❑ Innovative measurement, assessment and monitoring techniques,
- ❑ New and emerging geophysical methods and sensor technologies,
- ❑ New numerical/analytical modelling and inversion techniques applied to practical problems,
- ❑ The development of novel, integrated, multi-technique imaging and characterisation approaches,
- ❑ The application of current geophysical techniques to new application areas,
- ❑ The analysis and re-evaluation of current data that leads to new perspectives on existing problems,
- ❑ Novel and interesting case histories/studies.

In addition, we welcome papers that highlight the quality and novelty of student-based research and how it benefits the near-surface geophysics community in terms of educational, economic and professional development.

Authors will be requested to submit final papers in one of two formats: either a “Standard Paper” (a full length paper of typically 8-12 journal pages) or a “Short Paper” (a ‘letters’ style paper of less than 8 journal pages). It is envisaged that the short papers will predominantly highlight new techniques, methodologies or scientific advances whilst the standard papers will involve a greater degree of discussion, critical evaluation and practical application (e.g., case histories, multi-technique approaches, new application areas, etc). In either case, the guest editors will ensure that the papers conform to the high quality standards of *Near Surface Geophysics*.

Please inform the EAGE Editorial Office, Ms. Wendel van der Sluis (ws@eage.org), about your intention to contribute and provide a one-page draft abstract, stating the intended format of your paper (standard or short), by 1st July 2009. Successful authors will be required to submit their full papers by 1st November 2009.

If authors wish to informally discuss their intended submission prior to the abstract deadline, please contact the guest editors directly by e-mail.

Guest Editors: *Nigel Cassidy & Jamie Pringle, Keele University, U.K.*
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