Abstract submission is open!

2009 GSA ANNUAL MEETING: October 18-21, Portland, OR
From Volcanoes to Vineyards: Living with Dynamic Landscapes

Abstract Deadline: August 11

There are a number of sessions proposed for this year’s GSA Annual Meeting that are sponsored or co-sponsored by the Archaeological Geology Division. These sessions will not run unless enough abstracts are submitted, so please consider submitting a paper to one of the sessions below. If your work doesn’t seem to fit within these topics, you may always submit to the Archaeological Geology disciplinary session. This year’s abstract deadline is August 11, somewhat later than usual, so even if you’re off doing field work there’s still plenty of time to find an internet café somewhere and get an abstract submitted!

  Tammy Rittenour, Joel Pederson  
  This session provides a venue for reporting new approaches and records regarding Holocene fluvial archives of millennial-scale and shorter-term climate response. Papers may include aspects of fluvial geomorphology, cosmogenic sediment yield, paleoflood hydrology, geoarchaeology, and geochronology.

- **T69. Ground-Penetrating Radar (GPR-Applications for Solving Stratigraphic and Geoarchaeological Problems**  
  Kelsey S. Bittin  
  Applications of ground-penetrating radar (GPR-to near-surface stratigraphic and geoarchaeological problems are wide ranging, but GPR remains under utilized. This session will bring attention to this technology and provide an opportunity to showcase unique and innovative methodologies.

- **T131. Ancient Coastal and Subsea Sites: New Findings and Problems**  
  Jean-Daniel Stanley , Daniel F. Belknap  
  The session focuses on ancient land sites and former anthropogenic features now submerged off world coasts, a topic directly applicable for archaeologists working offshore, sea-level change specialists and managers formulating protections measures for vulnerable coastlines.

- **T153. Geoarchaeology and Late Quaternary Landscapes of North American River Valleys**  
  Todd Grote, Lara Homsey  
  This session will focus on recent interdisciplinary investigations of North American river valleys occurring from the landscape to site-specific scale. Submissions should contribute to understanding the archaeological record and late Quaternary lowland landscapes.

- **T154. Geoarchaeology, Reconstructions of Paleoenvironments and Past Human- Environment Interactions**  
  Kathleen Nicoll, Catherine Yansa  
  Analysis of sediment and fossil records inform interpretations of cultural activity and Late Neogene-Quaternary environments. This session welcomes interdisciplinary papers on geoarchaeology and allied methodologies that reconstruct past landscapes, environments, and the human footprint on natural systems.

- **T155. Geochemical Geoarchaeology: Artifacts and Contexts**  
  Katherine A. Adelsberger, Cynthia M. Fadem  
  Geochemical methods increasingly provide the critical tools for understanding paleoenvironments, site formation processes, and human behavioral decisions. This session will highlight the variety of geochemical methods used in geoarchaeology across cultural and temporal boundaries.

- **T156. New Advances in the Theory and Application of Luminescent and ESR Dating**  
  Bonnie A.B. Blackwell, Joel Blickstein  
  This session will highlight new theoretical developments and their applications within geology, paleontology, and archaeology for the thermoluminescent, optically stimulated luminescent, and ESR dating methods, including new applications for dating barnacles, foraminifera, and sedimentary deposits.

- **T157. Obsidian from Magma to Artifact: Geological and Archaeological Perspectives**  
  Ellery Frahm, Joshua Feinberg  
  This session brings together archaeologists and geoscientists from diverse fields -- geochemistry, igneous petrology, volcanology, geomorphology, and more -- to present on the topic of obsidian research, from magma formation and eruption to dating and sourcing artifacts.

For additional information or to submit an abstract: [www.geosociety.org](http://www.geosociety.org)
FIELD TRIPS, 2009 GSA ANNUAL MEETING

As you’re thinking about submitting an abstract to one of the sessions listed above, please also consider attending a geoarchaeology-related pre-meeting field trip. These are great opportunities (particularly for students) not only to see some spectacular outcrops, profiles, and sites, but also to meet colleagues in an informal setting. Additional information can be found on the GSA website; trip numbers are given below.

405. Geology and Geo-Archaeology of Hells Canyon, Oregon and Idaho 14-17 Oct. US$850. Cosponsored by Oregon Paleo Lands Institute. Leader: Ellen M. Bishop, Oregon Paleo Lands Institute. This adventurous trip explores Hells Canyon—North America’s deepest gorge—jet-boating through Class 4 rapids, with three days in a rugged, legendary landscape. Hells Canyon marks a dominant Pacific Northwest (PNW) suture between North America and accreted terranes. The canyon offers an extensive record of Native Northwest cultures dating to nearly 11,000 years ago, where geology and Native history intersect. Geology emphasizes the growth of the PNW cordillera and the evolution of understanding active margin accretionary processes. Archeology emphasizes Sahaptian and Numic sites in one of North America’s most harsh yet bountiful areas, along with cultural effects of climate shifts, and Nz Perce/Lewis & Clark sites.

418. Archaeology and Geomorphology of the Oregon Coastal Zone 16–17 Oct. US$225. Cosponsored by GSA’s Archaeological Geology Division. Leaders: Loren Davis, Oregon State University; Steve Jenevein; Jay Noller. The Pacific Corridor for an-American transhumance is focus of this field trip along the central coastal zone of Oregon. Archaeology will be demonstrated and discussed in the context of paleoenvironmental interpretation of several complex sections involving marine terrace cover sediments, coastal eolian dunes, Coast Range debris flows, estuarine and fluvial deposits, ghost forests, and soils. The chronology of events sealing archaeological deposits, including floods, slope failures, and tsunamis will be presented, and evidence supporting the current understanding of the Coastal Corridor will be discussed.

MINUTES OF THE DIVISION’S 2008 BUSINESS MEETING AND AWARDS CEREMONY

Monday, Oct. 6, 2008
G. R. Brown Convention Center, Room 332BE

Meeting convened at 5:45 pm.

1. Andrea Freeman, Chair’s Report

Freeman indicated that the Division membership is still strong, but that we need to continue to recruit new members. She summarized the GSA chair/leadership meeting in Denver. Membership loss to AGU is of concern and there will be an emphasis on international membership. There have been web site updates including section leaders to coordinate with section meetings. Rolfe Mandel and Donald Johnson were acknowledged for organizing and leading an excellent AGD field trip this year. Kathleen Nicoll, Russ Stafford and Gary Huckleberry were thanked for arranging activities and sessions at the current meetings. Student representative Ellery Frahm was acknowledge for setting up a geoarchaeology facebook page.

Nominations for Vice-Chair and Secretary-Treasurer will be needed for elections next spring.

2. Kathleen Nicoll, Vice-Chair’s Report

Nicoll showed field trip slides. She indicated that members should contact her about field trips or sessions for next year’s Portland meetings.

3. Russ Stafford, Secretary-Treasurer Report

Stafford reported on the financial status of accounts as of the end of the fiscal year (June 30, 2008): AGD/GSA account $12,056.95 (Hay Travel line: $2564.44); Rapp Fund: $66,493; Albritton Fund: $26,315; AGD Fund: $5665. Plans were announced to begin discussion with the GSA Foundation on converting the AGD fund to the R. Hay Student Travel Fund.

4. Open Floor for Announcements

Jen Smith (Newsletter Editor) indicated that news from the membership is always welcome. She will also include submissions in the GIG newsletter. Rolfe Mandel announced that the next AMQUA meetings in 2010 will be in Laramie, Wyoming. Gary Huckleberry (Geoarchaeology co-editor) encouraged members to submit articles and indicated that manuscript decisions are made within 3 months of submission. Tina Niemi provided information on the IGCP 567 Earthquake Archaeology project. Kathleen Nicoll mentioned that geoarchaeology sessions are included in the 2009 IAG conference in Melbourne.

5. Presentation of Awards

Andrea Freeman announced and presented the Division awards:

Richard Hay Paper/Poster Award
Kevin Jones (University of Arizona) Reporting Marine Reservoir Ages in a Variable-Upwelling Environment

Claude C. Albritton, Jr. Award
Kurt Rademaker (University of Maine) Alca Obsidian and Early Forager Settlement of the High Andes of Southern Peru

Rip Rapp Archaeological Geology Award
E. Arthur Bettis, III (Department of Geosciences, University of Iowa)—Citationist Rolfe Mandel

Meeting adjourned at 7:00 pm.

Respectively submitted:
C. Russell Stafford, AGD Secretary-Treasurer
MESSAGE FROM THE CHAIR

This is actually my first (and last) newsletter message as Chair. The past year and a half has been a very active one, both in terms of GSA as a society and our Division specifically. Some of the changes we’ve experienced have been a direct result of the current economy, but many were initiated prior to any economic downturn. I’d first like to address the changes going on within GSA and then direct attention specifically toward the AG Division.

Rather than have an annual Chair’s meeting in Boulder, GSA decided in 2008 to have a Leadership Conference. The objective of this session was to bring together leaders from Divisions, Section, and Affiliated/Associated Societies to address a number of issues facing the Society. Among the biggest challenges faced by GSA is membership. While the Society continues to grow, there is a sense that the population of members is aging. This is particularly true in Divisions like our own, founded more than 30 years ago. Many of those founding members are now retired, and while some are still very active, there is a continual decline each year. Combined with an increase in the number of specialized meetings, our younger members are often faced with choices about which societies to join and which meetings to attend. The goal of the 2008 Leadership Conference was to determine how to attract and retain new and continuing members. Some solutions involve changes in the meeting structure, while others the structure of the Society. For example, GSA decided that the International Division should actually be an International structure of the Society. For example, GSA decided that the International Division should actually be an International structure of the Society. For example, GSA decided that the International Division should actually be an International structure of the Society. For example, GSA decided that the International Division should actually be an International structure of the Society. For example, GSA decided that the International Division should actually be an International structure of the Society. For example, GSA decided that the International Division should actually be an International structure of the Society. For example, GSA decided that the International Division should actually be an International structure of the Society. 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For example, GSA decided that the International Division should actually be an International structure of the Society. For example, GSA decided that the International Division should actually be an International structure of the Society. For example, GSA decided that the International Section and also extended the boundaries of existing sections into Mexico (Canada was already subdivided).

One of the key ways to get new members involved is to be more active in Section meetings, and this is an initiative that our Division is trying hard to support. These are typically meetings where we see a lot more student activity. In order to accommodate the needs of its members who may live in one section and work in another, GSA is allowing us this year to be a member of more than one section. In addition, GSA has asked each Division to appoint a Section Liaison. In order to facilitate this interaction, our Division has appointed liaisons for each Section. If you know of an opportunity to have an AG sponsored event at a Section meeting, this liaison is there to help find the right people to get that initiative rolling.

Our Division has made a few student-friendly changes of its own. The Division sponsored Claude Albrighton award is still going strong, and this year two students will be awarded this prize. The Division also has its own Student Paper/Poster award, now named the Richard Hay Award. This award is made to the best student paper or poster presented at the Annual Meeting. We have had several fundraising initiatives to help boost the base of this award and will soon be able to move it to the GSA Foundation, where the principal can grow. Our hope is that with more of these awards, we can get new members more involved in the Society and in the AG Division, specifically.

All of our awards experienced significant growth in recent years, putting us in a good position relative to the downturn resulting from 9/11. While we have lost some ground again due to the recent economy, I am optimistic that we can continue to grow these funds quickly.

And, speaking of awards and aging members, we are always in search of good people to nominate for the Division’s highest prize, the Rip Rapp award. If you know of a deserving member, do not hesitate to forward that to the Division’s highest prize, the Rip Rapp award. If you know of a deserving member, do not hesitate to forward that to the Awards Chair.

We have an exciting program lined up for Portland this year and I look forward to seeing everyone at the meeting! All the best from sunny Calgary!

Andrea Freeman, AGD Chair

DIVISION ELECTIONS

It is time to elect the next slate of officers for the Archaeological Geology Division. The ballot is on page 9 of this newsletter.

Ballot Instructions

The following is the ballot information for the election of 2009-2011 officers for the GSA Archaeological Geology Division. Candidate biographies are on the next page. Vote for no more than one candidate for each office. Submit your vote in one of the following ways:

1) Vote on the paper ballot at the end of the newsletter. Make sure you complete the bottom section of the ballot with your information. Mail the completed ballot to: Geological Society of America, PO Box 9140, Boulder, CO 80301, Attn: Division Ballot. Ballots must be received at GSA by August 31, 2009 or

2) Vote on the paper ballot at the end of the newsletter. Make sure you complete the bottom section of the ballot with your information. Fax the completed ballot to GSA, Attn: Division Ballot, at (303) 357-1074. Ballot must be received at GSA by August 31, 2009 or

3) Vote online. Log onto the ballot using your GSA member number (given on your mailing label) or your e-mail address (which will work only if your e-mail address is in your GSA member record). Electronic votes must be submitted by August 31, 2009. The link to the online ballot is:

https://rock.geosociety.org/ballot/vote.asp?Name=arch
ARCHAEOLOGICAL GEOLOGY DIVISION
CANDIDATES for 2009-2011
(please see the AGD Ballot on page 9)

Chair
Kathleen Nicoll. Educ: BA Geology & Environmental Studies, University of Pennsylvania; MA Geology, Bryn Mawr College; PhD Geoscience, University of Arizona. Prof Exp: University of Utah, Dept Geography, Asst Prof (06-present); University of Oxford, UK, Royal Soc Rsrch Fellow, Oxford Centre for the Env (02-06); Brasenose College, College Lecturer & Head Geography Tutor (04-06); St Catherine's College, College Lecturer (02-05); Chevron Petroleum Tech Ctr, Stratigrapher (00-02); Chevron Overseas Petroleum Co, Inc, Exploration Consultant (98-00); bp-Alaska, Sequence Stratigrapher (97-98), GSA member since 1990. GSA Service: AGD vice-chair (07-09), AGD studt awrd cmte (99-03); Limnogeology Div field trip ldr (05), mbr contributor (05-06). Pub include: Geoarchaeology, Quaternary Science Reviews, Sedimentary Geology, Nyame Akuma, Elsevier Encyclopedia of Archaeology. Rsrch Int: Geoarchaeology, chronostratigraphy, soils, geomorphology, recent landscape evolution, aridlands, Africa & Middle East, and the desert SW-USA.

Vice-Chair

Secretary-Treasurer

DIVISION SPONSORED AWARDS

CLAUDE ALBRITTON FUND
FOR ARCHAEOLOGICAL GEOLOGY
Under the auspices of the Archaeological Geology Division, family, friends and close associates of Claude C. Albritton, Jr. have formed a memorial fund in his honor at the GSA Foundation (see item in March, 1991 Newsletter). Initially, the fund was set up with a gift of several thousand dollars.

Members of the GSA Archaeological Geology Division, GSA members, and those who knew Claude Albritton are being asked to consider contributing to this fund. The Albritton Fund will provide scholarships and fellowships for graduate students in the earth sciences and archaeology. To contribute to the Albritton Fund, send your gift to the GSA Foundation, designating the gift for this award.

Recipients of these awards will be students who have (1) an interest in achieving a M.S. or Ph.D degree in earth sciences or archaeology; (2) an interest in applying earth science methods to archaeological research; and (3) an interest in a career in teaching and academic research. Awards will be given in support of thesis or dissertation research, with emphasis on the field and/or laboratory parts of this research.

Deadline for submission: Spring 2010. (Check the division website at http://rock.geosociety.org/arch for updated information).

RICHARD HAY STUDENT TRAVEL AWARD
The Archaeological Geology Division announces a $650 travel grant for a student to attend the GSA Annual Meeting. The grant is competitive and will be awarded based on the evaluation of the scientific merit of the research topic and the clarity of an expanded abstract for the paper prepared by a student for presentation in the Division's technical session at the meeting.

Deadline for submission: September 20, 2009

For further inquiries, contact Awards Committee Chair Rolfe Mandel at mandel@kgs.ku.edu.

OTHER FUNDING OPPORTUNITIES FOR GRADUATE RESEARCH

The Student Funding Database maintained by Ellery Frahm lists funding, grants, awards, and studentships for graduate students in geoarchaeology and related fields. The site has a straightforward interface, archive, and RSS feed. Newsletter readers are also asked to please help to keep this list updated. If your institution has a relevant funding opportunity, please send it to Ellery Frahm at frah0010@umn.edu. Thank you again to all those who have contributed! Do a Google search for "geoarchaeology funding" or visit the database at: http://web.mac.com/elleryfrahm/iWeb/Geoarch/
SOCIETY FOR ARCHAEOLOGICAL SCIENCES

The Society for Archaeological Sciences (SAS) was founded to establish a forum for communication among scholars applying methods from the physical sciences to archaeology and to aid the broader archaeological community in assessing the potentials and problems of those methods. Base membership (including subscription to the SAS Bulletin) is $20. For membership inquiries, please contact Rob Sternberg, Department of Earth and Environment, Franklin & Marshall College, Lancaster, PA 17604-3003 USA.

Phone: (717) 291-4134; fax: (717) 291-4186; e-mail: Rob.Sternberg@FandM.edu

GEOARCHAEOLOGY:
AN INTERNATIONAL JOURNAL

Geoarchaeology is an interdisciplinary journal published six times per year (in January, March, May, July, September and November). It presents the results of original research at the methodological and theoretical interface between archaeology and the geosciences. Manuscripts should examine the interrelationship between archaeology and the various disciplines within Quaternary science and the Earth Sciences more generally, including, for example: geology, geography, geomorphology, pedology, climatology, oceanography, geochemistry, geochronology, and geophysics. We also welcome papers that deal with the biological record of past human activity through the analysis of faunal and botanical remains and palaeoecological reconstructions that shed light on past human-environment interactions. The journal also welcomes manuscripts concerning the examination and geological context of human fossil remains as well as papers that employ analytical techniques to advance understanding of the composition and origin or material culture such as, for example, ceramics, metals, lithics, building stones, plasters, and cements.

Manuscript submission and review is fully electronic and processed through Manuscript Central, a web-based program for managing documents in the peer-review process. For more information, go to the “For Authors” link at http://www3.interscience.wiley.com/cgi-bin/jhome/36011.

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**OF NOTE**

► **NSF Funded Awards for Archaeometry at the Field Museum.** The Elemental Analysis Facility (EAF) at the Field Museum invites proposals for a limited number of NSF funded awards for archaeometry projects requiring the use of LA-ICP-MS. Grants will be available for three years (2008-2011).

The EAF hosts a Varian inductively coupled plasma-mass spectrometer (ICP-MS) and two laser ablation systems: a New Wave UP213 laser ablation (LA) system with a 5 cm x 6 cm chamber and a New Wave UP266, with an experimental adaptable chamber, dedicated to the study of large objects.

Complementing the ICP-MS instrumentation, the EAF also hosts a LEO EVO 60 XVP Scanning Electron Microscope with an environmental chamber equipped with an Oxford Inca Energy Dispersive Spectroscopy system, two portable XRF systems and a digital imaging petrographic microscope.

This NSF funded program aims at facilitating the access of the EAF to researchers and students by offering funding to offset LA-ICP-MS analytical costs. Researchers should indicate whether they will be in residence at the Museum to run their samples, or whether they are requesting Museum staff to undertake the analysis. In some cases, students from outside the Chicago area are eligible for limited funding for travel and accommodation. Students requesting travel funding should submit a travel budget.

A panel including outside and Field Museum scholars will review proposals twice a year. All parties who wish to undertake a collaborative project in the lab should forward a short proposal (2-4 page) for consideration. The proposal should address the research problem, the size of the specimens, and the type, number, and contexts of the samples, whether the scholar will be in residence and travel budget if appropriate. Curriculum vitae for the principal collaborator(s) should also be included. Complete proposals must be received by March 31 and September 30, each year. You should inquire with Laure Dussubieux, lab manager, before submitting any proposal at ldussubieux@fieldmuseum.org. Additional information can be found at www.fieldmuseum.org.

► The Wiener Laboratory at the American School of Classical Studies (ASCSA) is delighted to announce a leadership gift from the children of J. Lawrence Angel towards the establishment of an endowment for the J. Lawrence Angel Fellowship in Human Skeletal Studies. This fellowship, established in 1992 upon the opening of the Wiener Laboratory, provides funding for graduate students and scholars interested in the study of human skeletal remains from archaeological contexts in Greece, for an academic year. It comes with a stipend of $15,000 to $27,000 per year depending upon seniority, experience and the proposed project. The gift was announced in early May at the annual meeting of the Managing Committee of the ASCSA in New York. Dr. Sherry Fox, director of the Wiener Laboratory, noted that this gift acknowledges the significant contributions of the laboratory in these studies. For an applications for the J. Lawrence Angel Fellowship, visit the ASCSA website at: http://www.ascsa.edu.gr/index.php/admission-membership/grants

► A short course on MATLAB applications in the geosciences will be taught in English at the University of Nairobi between 21-25 September 2009. The shortcourse more or less follows the contents of the book that can be viewed at: http://www.springer.com/earth+sciences/computer+%26+mathemtical+applications/book/978-3-540-72748-4

No other courses are planned as of yet, but if you are interested in such a course anywhere in either German or English, please e-mail Martin Trauth at trauth@geo.uni-potsdam.de. Please use "MATLAB RECIPES" as the subject of your mail since they receive a lot of spam.

► Ellery Frahm sends along this note:

I've just completed a small project -- building a portable "light box" -- that some of you could find useful for your own fieldwork.

Awhile ago, while photographing obsidian tools in the field, I found myself wishing for a way to backlight the artifacts. I looked online for a portable light box that could stand up to field use, but I couldn't find what I wanted. Many light boxes were much too large (poster-sized), others were too small (sized for photographic slides). Most of them needed electricity from a wall outlet. All used fragile fluorescent bulbs. I wanted a device that could run off batteries and stand up to dust, heat, and some abuse from traveling. I couldn't find such a device, so I got a small grant to build one, and the grant proposal included sharing this design and the details of its construction online. The total cost of the project was less than $300, and it requires only a day and a half as well as some basic shop and electronics skills.

This portable "light box" uses 9-volt batteries (either regular alkaline or rechargeable) to power an electroluminescent sheet. Everything from the unassembled components to the final backlit obsidian photographs can be found here: http://web.mac.com/elleryfrahm/iWeb/lightbox/. This page is somewhat graphics-heavy, and I'd recommend using the latest version of your favorite browser. Have a look if this sounds useful to you, and if you have any questions or comments about the project, please feel free to email me at frah0010@umn.edu.

► Students in geoarchaeology and related fields are encouraged to join the new Geoarchaeology Student Listserver, a moderated e-mail-based forum, offering a way to interact both professionally and socially. List members can get to know one another, share information and experience, pass around job and conference announcements, organize field trips and sessions, connect at conferences, vent frustrations, and talk about other subjects subscribers would like to discuss. For information about the listserver, please visit http://web.mac.com/elleryfrahm/iWeb/Geoarchlist/ or do a Google search for "GSA AGD listserver." Please encourage your students to sign up too!

► Looking for an accessible way to explain to students, a colleague, or the public what a "geoarchaeologist" or "archaeological scientist" does? The Geoarchaeology News
Blog scours news websites for articles about geoarchaeology and archaeological science so that visitors can learn more about these fields from low-jargon newspaper stories. Other information, such as conference announcements, can also be found here. You can visit this news blog at http://web.mac.com/elleryfrahm/iWeb/GeoArchSci/ or do a Google search for "geo arch sci."

► Free Near East Obsidian Sourcing: The University of Minnesota Electron Microprobe Laboratory has now allotted instrument time for obsidian sourcing using Minnesota's Obsidian of Anatolia and the Near East (MinOAN) reference collection, currently being studied by Ellery Frahm. This service is free of charge thanks to the lab, although a few conditions do exist. The obsidian artifacts must, of course, have originated in Turkey, Syria, Lebanon, Iraq, or elsewhere in the Near East for the MinOAN collection to be useful. Interested researchers should email Ellery with a brief proposal that includes the region, approximate number of artifacts, research goals, etc. Researchers at any level, from graduate students to emeritus faculty, and in any country are eligible and encouraged to participate in this research program. More information can be found at http://web.mac.com/elleryfrahm/iWeb/Obsidian/ or do a Google search for "minnesota obsidian sourcing."

UPCOMING MEETINGS

► July 6-11, 2009 Melbourne, Australia International Geomorphology Conference The International Working Group on Geoaarchaeology, an IWG of the International Association of Geomorphologists (IAG), invites you to participate in the following symposium: Geomorphology and geoarchaeology: cross-contribution and interactivity, Co-convenors: Patricia Fanning¹, Eric Fouache² and Kosmas Pavlopoulos³

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2 Université Paris IV, UFR de Géographie, 191 rue Saint-Jacques, 75005, Paris, France; eric.g.fouache@wanadoo.fr
3 Harokopio University, Faculty of Geography, El. Venizelou 70, 176 71 Athens, Greece ; kpavlop@hua.gr

The geoarchaeological approach has now become widely accepted in archaeological programmes. It is generally acknowledged that it is necessary to take the landscape and environmental dynamics into account to reconstruct a complete history of societies and to study the interaction between humans and their environment. Geomorphology plays an important role in the geoarchaeological approach, and has greatly benefitted from its collaboration with archaeology over the past decades. The session is open to any geoarchaeological study, but will be particularly focused on highlighting the impact of geomorphology in the field of geoarchaeology.

For more information, see: www.geomorphology2009.com

► August 17-21, 2009, Tiruchirappalli, Tamil Nadu, India IIIrd International Conference on Remote Sensing in Archaeology The IIIrd International Conference will be organized in India at Tiruchirappalli, jointly by Bharathidasan University, University of California, Merced and Berkeley, University of Siena (Italy) and by the REACH Foundation, Chennai. The conference will discuss a wide range of perspectives, approaches and issues on the use of remote sensing and digital technologies in documenting, analyzing and interpreting archaeological and anthropological contexts. For more information, http://www.spacetimeplace2009.org.

► August 26-28, 2009 Royal Holloway, University of London, UK Luminescence and ESR Meeting The annual UK luminescence and ESR dating research meeting will be held at the Department of Geography, Royal Holloway, University of London from the 26th-28th of August 2009. This meeting will be of interest to luminescence dating specialists, Quaternary geologists, archaeologists and physicists by providing an opportunity to discuss the latest research in trapped charge dating, dosimetry and related work. Presentations covering basic physics, methodological issues and the application of these techniques are all welcome. The meeting will consist of both oral and poster presentations, and presentations by research students are especially encouraged. To receive subsequent circulars please register your interest in the conference by sending an e-mail to luminescence@rhul.ac.uk.

► September 10-13, 2009, London, U.K. EMAC '09 10th European Meeting on Ancient Ceramics The UCL Institute of Archaeology and the British Museum are proud to organize the tenth anniversary European Meeting on Ancient Ceramics(EMAC), to be held at the British Museum in London from the 10th to the 13th of September, 2009.

The main focus of EMAC is the scientific study and archaeological interpretation of ancient ceramics. Bringing together established scholars and young researchers from a wide range of academic backgrounds, including archaeologists, ceramic petrologists, chemists, material scientists, geologists and art historians, EMAC stimulates an international and cross-faculty exchange of ideas and approaches. For further information, registration and submission of abstracts please visit the following website: www.ucl.ac.uk/EMAC09.

► October 2–4, 2009, Tampa, Florida Archaeological Sciences of the Americas Symposium 2009 The goal of the symposium is to address and discuss issues pertaining to the science of prehistoric and historic materials. This symposium traditionally focuses on the archaeology of the Americas; however professionals and students engaged in projects outside the Americas are also encouraged to submit abstracts. We are accepting abstracts for both paper and poster presentations. The symposium is open to students, academic faculty and professionals working in independent and government settings. Abstracts are limited to 250 words and the submission/payment deadline is 7 August 2009. Paper presentations will be limited to 20–25 minutes. For additional information on abstract submission and registration, please visit http://www.anthro.fsu.edu/news/asas2009/.
October 19-23, 2009, Beijing, China  International Symposium on Paleoanthropology and the First Conference on Quaternary Research of Asia  This symposium will be held in commemoration of the 80th anniversary of the discovery of the first skull of Peking Man. A special session on "Suyanggae and Her Neighbors" and the Asian Paleolithic Association's annual meeting will be concurrently held during the symposium. The organizing committee warmly invites colleagues and friends around the world to join the symposium. The theme of the symposium is "Human Evolution and Environment Changes." Both oral and poster contributions are welcome. For more details: www.ivpp.ac.cn/c/en/news/2009-05/05/news_2062.html.

April 14-18, 2010, St. Louis, Missouri  SAA 75th Anniversary Meeting  This meeting is not only a celebration of the SAA's past successes but also a chance to add your voice in shaping 21st century perspectives on archaeology in the next quarter century. The web-based system is now open for abstract submissions. You may access the system by visiting the SAA web homepage www.saa.org and clicking the submissions link. The submissions deadline is Thursday, September 10, 2009, 3 pm Eastern Daylight Time. There is no grace period, as all submissions are electronic.

Ballot for 2009-2011 Officers for the GSA Archaeological Geology Division

(please see ballot instructions on page 3 and candidate biographies on page 4)

Chair (two-year term) - vote for one candidate

( ) Kathleen Nicoll
( ) Write-in __________________________

Vice-Chair (two-year term) - vote for one candidate

( ) Loren G. Davis
( ) Write-in __________________________

Secretary-Treasurer (two-year term) - vote for one candidate

( ) Elizabeth C. Robertson
( ) Write-in __________________________

The following section must be completed in order for your vote to be recorded:

Your Name (printed) ____________________________________________

Your Signature (required) _________________________________________

Your GSA Member Number (required)* _____________________________

*Your GSA member number is given at the top of your mailing label. For assistance, please contact GSA at gsaservice@geosociety.org, at (303) 357-1000 (option 3), or tollfree in the U.S. at (888) 443-4472.