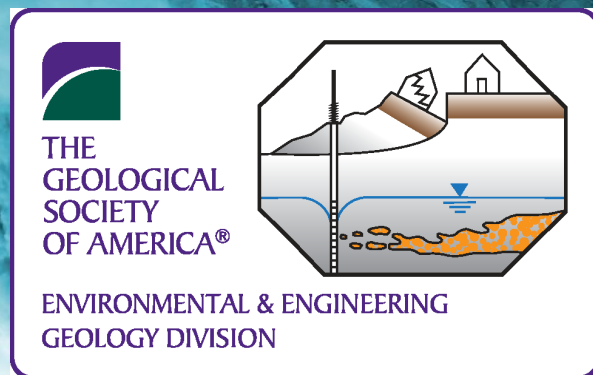


Volume 47, Number 1, January 2013

THE ENGINEERING GEOLOGIST

Newsletter of the
Environmental and Engineering
Geology Division



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**Norm Levine, Chair
Environmental and Engineering
Geology Division**

I would like to begin by saying how honored I am to serve you as the Chair of the Environmental and Engineering Geology Division. Our division has seen a great deal of change within the past few years. We have updated our division's name, our logo and we have worked on being able to better communicate with all of our members. I hope that this year we will be able to meet the needs and the expectations of our members as we move forward. I believe that our division can be one of the most influential and important divisions within the Geological Society of America. Last year was our 65th anniversary as a division. This year we hope to capitalize on the growth that the division experienced during our anniversary year.

I would like to take this time to give a brief state of the division for our members. The state of our division is good. We have seen the growth in membership, participation, and financial stability that befit the oldest and, in many respects, one of the most active divisions of the GSA. We started 2011 with approximately 800 members. By the time our 2012 national meeting was held in Charlotte we were sitting at 1200 members. Our membership as of January 1, 2013 is nearly 2000 members. In 2011, approximately 10% of the division was based on student members. Today, student members make up approximately 45% of our division. This is a very exciting time to be part of the Environmental and Engineering Geology

Division. I believe the growth on both on the student and professional sides of the division is due in no small measure to the rebranding that the division underwent in the last few years. As Bill Schulz, our immediate past chair of the division pointed out last year, our name change was proposed since the majority of our members spend at least some of their time addressing environmental concerns and there is often significant overlap between environmental and engineering issues. With this name change, many GSA members, who thought of engineering geology as only landslides, landfills and rock properties realized that this was the division that best reflected what they did in their own work. Our journal, Environmental and Engineering Geoscience, is a joint publication of the EEGD and the Association of Environmental and Engineering Geologists. This publication is our forum for issues, technology, techniques, and case studies within our field. I hope this year will bring an increase in participation in the Journal and at meetings. In past years, only about 10% of our membership attended the national meeting, but we saw slight rise at the 2012 meeting and hope to see a continuing increase at the 2013 Denver meeting. The national meeting was highly successful this past year, and the division sponsored and cosponsored a large number of sessions. Hopefully we can keep this going next year as well.

I am pleased to announce several initiatives that the board has also agreed to support for the next year. The first of these will be an increase in the use of the society's various social media sites for keeping our members connected, informed, and updated on the latest issues relevant to the division. Our newsletter under the guidance of Paul Santi will be just one of many stepping off points for our members. GSA will be launching a new online networking and collaboration site for the society.

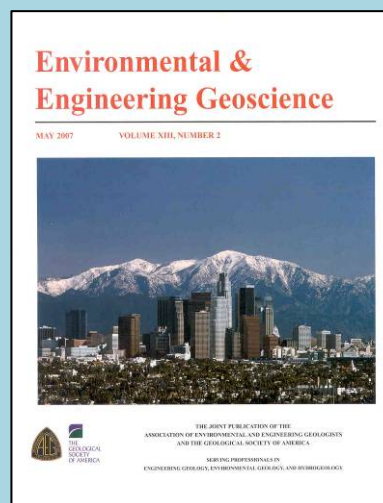
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Cover Photograph: Landslide dam, Karakoram region,
Hunza River Valley, Pakistan
Modified from: [www.pamirtimes.net/Inayat Ali](http://www.pamirtimes.net/Inayat_Ali)

This site will provide our members with links to one another as well as the ability to contact and communicate with other professionals across the society. We hope to be able to launch our own online talks and seminars which will provide the opportunity for members to participate in short talks, topical discussion sessions, and to share new techniques and innovations from their own desktops. It is our hope that these online talks and seminars will serve to help keep our division members connected and up to date. We are currently investigating technologies that will permit members not only to view talks but also to participate directly from their offices or homes. Technology is changing quickly and our division has always been on the forefront of the implementation and use of new technology as it pertains to environmental and engineering geology. In the past, meetings have been the most important venue we have had for offering opportunities to improve our knowledge and expertise. It is our hope that through the use of social media and video conferencing technologies we will be able to reach more for members and provide more opportunities for participation. It is our hope that you will find a true home in the division.

Last year, our board decided to offer, as part of our 65th anniversary celebration, free student memberships in the division, and this is part of the reason we have seen unprecedented growth in the student side of the division. At the 2012 annual board meeting the board decided to extend the student discount for another year. Student members are the future professional members in the division, and our division is known for its ability to mentor and guide students to becoming true professionals. The board also recognized the need to more directly reach out to students, so at next year's annual meeting there will be student paper prizes, in addition to the grants and awards that are already available for students. Furthermore, the board agreed to create a student committee of the EEGD management board which would provide seats at the board meeting for both undergraduate and graduate students, who would act as liaisons and program developers for the division. We will be the first division in GSA to officially recognize students at the management board level. One could say our division at 65 years old is not only wiser but has its eye on the long-term success and growth of the division.

On a final note, I would like to stress my belief that our division is truly one of the most responsive divisions to its members. Your management board works hard to make sure that there are a range of opportunities for members. That being said, no division can continue to grow and meet the needs of its members without the active participation of the division's membership. There are opportunities for members to mentor students, to serve on committees, to provide expertise, and to help ensure the passing of knowledge from one generation of geoscientists to the next. Our national and regional meetings are only one of the many opportunities that GSA and the EEGD provide for its members. I am very pleased and optimistic about the future of our division. We have been transitioning into this new era of communication and technology. I believe our division will continue to grow and support the interests and needs of our members. I know that our board will continue to work to make the division as responsive to the membership as it can be. As the chair of the division, I will work to help make the division grow, thrive, and adapt to the needs and interests of our members. Please do not hesitate to contact me with any questions, comments, or suggestions. I can be reached at levinen@cofc.edu or 843-953-5308.



Please submit your technical articles to our journal! Environmental and Engineering Geoscience is jointly published by our division and by the Association of Environmental and Engineering Geologists. As a member journal to Geoscience World, it has experienced a recent surge in accessibility and exposure. Check out recent publications at <http://eegeoscienceworld.org/>.

SCIENCE UPDATE

Summary of EGD Sessions at 2011 Annual GSA meeting

The EEGD sponsored or co-sponsored 38 sessions at the meeting Charlotte. Summaries of a few of the sessions are included below, followed by web links to abstracts for all of our sponsored sessions.

Practical Applications of Environmental and Engineering Geology

Abstracts may be found at:

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30515.html>

This session served as a general overview of a variety of environmental and engineering geology issues. Peter Bobrowsky and Oliver Bonham reported that the Government of Canada will soon be issuing a series national hazard related “guidelines” for use by the professional geoscience community. In a similar vein, Lynn Highland discussed non-technical landslide guides for use by laymen.

Malcolm Schaeffer presented an overview of slope movement problems at a hydroelectric plant in Peru, using a classification of five types of failure modes. Rick Wooten reviewed the NC Geological Survey’s program to characterize initiation sites of debris flows.

Kim Marcus and Alex Rutledge summarized the karst grouting program and seepage assessment for the Gathright Dam in Virginia. William Joyce used electrical resistivity and dye tracer studies to assess pathways for water loss from Mountain Lake, also in Virginia. Jeffrey Nitttrouer showed that the opening of the Bonnet Carre Spillway on the Mississippi River in Louisiana during the 2011 flood passed 31-46% of the total sand load carried by the river.

Brittany Merola reported that Arsenic concentrations in ground water in Union County North Carolina are directly associated with meta-volcanic bedrock lithologies. Aaron Gregory tracked drainage from a coal mine in Ohio for a year, reporting on residence time and water sources.

Landslides and Debris Flows: Global Problems, Local Solutions

Abstracts may be found at:

http://gsa.confex.com/gsa/2011AM/finalprogram/session_28691.htm

Isaac Larsen mapped over 15,000 landslides and quantified erosion rates over decades in the Eastern Himalaya, concluding that tectonics, rather than climate,

is the main driver of landslide erosion. Mary Ann Madej compared quantity, size, and importance of fault zones and intense rainfall cells on major landslide events in 1964 and 1997 in northern California. Nathan Lyons presented an inventory technique to predict debris flow activity that relies on plots of drainage area and local channel slope. Kendra Williams summarized her research characterizing the debris flows on Mt. Adams initiated in November 2006 storms. Rex Baum showed that recent debris flow source areas in the Elliott State Forest in Oregon initiated as colluvial slabs over bedrock in either recently logged areas or in roadside fills. Jennifer Pierce used estimates of debris flow yield and carbon dating to show that Holocene fire-related debris flow sediment contributions are as much as 10-38% of the Middle Fork Salmon River sediment yield. Rick Wooten reported on the NC Geological Survey program to identify and classify over 3000 slope movement sites, as well as the importance of human activity in increasing the vulnerability of slopes to movement.

Andree Blais-Stevens demonstrated the utility of a landslide susceptibility mapping program in Northern Canada using over 1700 landslides in a qualitative heuristic approach. Talal Alharbi used remote sensing and GIS techniques to develop criteria to predict locations and different types of landslide and debris flow failures.

Bill Haneberg showed that landslide inventory maps are not as reliable as we normally consider them to be, and suggests that they can be improved by combining maps from independent teams, using published statistical distributions to estimate landslides of various sizes that may have been missed in the inventory, and using physics-based watershed scale models to identify areas that may have been overlooked or are susceptible in the future.

Insights into Geological Processes and Hazards Acquired through Recent Technological Advances

Abstracts may be found at:

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30553.html>

DINSAR was used in southeastern Ohio to quantify mine subsidence of large areas with extreme precision (Siemer, et al.). High-resolution terrestrial laser

scanning was used to document six debris flow events in Colorado, indicating that rainfall characteristics control the density and volume of debris flows in basins where flows are initiated by surface water runoff (Staley, et al.). Similar equipment was used to relate stream power and shear stress to channel form in a steep second order stream in Costa Rica (Peyton, et al.). Airborne LiDAR was used with GIS in North Carolina to map over 2300 debris flows as well as fault zones and lineaments (Wooten, et al.).

Landslide hazard mapping is underway in Virginia using GIS (Witt and Heller), and integrating HAZUS in Oregon (Burns et al. and Mickelson and Burns).

Ring shear and triaxial compression tests were used to measure the range of peak, residual, and softened shear strength for landslides on Okinawa (Nakamura). Ring shear was also used to study potential co-seismic response of two landslides in coastal Oregon, concluding that assumed material strengths and methods typically used for predicting coseismic landslide displacement require modification (Schulz, et al.).

GIS and Remote Sensing Applications in Environmental and Engineering Geology

Abstracts may be found at:

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30866.html>

Molineux describes the use of digital repositories to handle geologic data, with potential for improving access, linking between datasets, and recording data quality. Kaufman reported on the Common Operational Picture system shared by several South Carolina emergency management entities that focuses on getting data from the county level to the statewide coordinators.

Molnia used GIS and radio-echo sounding, airborne monopulse radar profiling, high-resolution seismic reflection, binary-explosive seismic refraction, and marine air-gun and sparker seismic profiling to define the bedrock morphology of the offshore Bering Trough in Alaska. Williams used a completely autonomous robotic system to collect GPR images and incorporate machine learning to detect crevasses in ice sheets.

Strine-Zuroski used GIS to analyze bathymetric mapping, sub-bottom profiling, and side scan sonar, identifying subaqueous soils and sediment accumulations in a lake in Gaithersburg Maryland. Ghoneim used QuickBird and WorldView-2 imagery and GIS to measure shoreline change resulting from sediment supply loss because of the Aswan High Dam in Egypt.

Mills investigated whether user-influenced aspects of terrestrial laser scanning contribute to underestimation

and increased uncertainty in measurements of planar surface roughness. Sieger used LIDAR and IKONOS multi-spectra imagery to subdivide the coastal environment using textual analysis with classification techniques to extract enhanced information about the coastal zone.

T105. Groundwater–Surface Water Interactions: Advances in Measurement and Modeling Techniques
<https://gsa.confex.com/gsa/2012AM/webprogram/Session30959.html>

T106. Arsenic: Fate and Transport in Natural Waters and Aquifers from Basin to Pore-Space Scale
<https://gsa.confex.com/gsa/2012AM/webprogram/Session30827.html>

T121. Rapid Sea-Level Rise and Its Impacts: Past, Present, and Future
<https://gsa.confex.com/gsa/2012AM/webprogram/Session30943.html>

T47. Geological CO₂ Storage Monitoring and Characterization from Injection Intervals to the Vadose Zone: Detection Methods and Field Applications
<https://gsa.confex.com/gsa/2012AM/webprogram/Session30760.html>

T57. Building a Professional Portfolio through Hands-On Research Activities in the Geosciences: Focusing on Early Involvement of Undergraduate and K–12 Students
<https://gsa.confex.com/gsa/2012AM/webprogram/Session30547.html>

T87. Building Capacity for Hydrologic Science in Water-Stressed Regions of the World (Posters)
<https://gsa.confex.com/gsa/2012AM/webprogram/Session30873.html>

T17. Quaternary Sedimentary Architecture as a Prerequisite to Hydrogeological Modeling of Glaciated Terrains
<https://gsa.confex.com/gsa/2012AM/webprogram/Session30686.html>

T29. Advances in the Study of Physical Weathering Processes and Their Influence on Landscape Evolution
<https://gsa.confex.com/gsa/2012AM/webprogram/Session30884.html>

T40. Practical Applications of Environmental and Engineering Geology
<https://gsa.confex.com/gsa/2012AM/webprogram/Session30515.html>

T88. Geological and Hydrogeological Characterization Studies at CO₂ Sequestration Sites

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30942.html>

T89. Groundwater–Surface Water Interactions: Approaches for Improved Decision Making for Water Resource Issues

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30924.html>

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31934.html>

T100. Biogeochemical Processes Influence the Environmental Fate of Contaminants: The Role of Hydrology and Ecology in the Chemical Evolution of Water

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30653.html>

T82. Geologic Maps, Digital Geologic Maps, and Derivatives from Geologic and Geophysical Maps (Posters)

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30205.html>

T17. Quaternary Sedimentary Architecture as a Prerequisite to Hydrogeological Modeling of Glaciated Terrains

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31922.html>

T105. Groundwater–Surface Water Interactions: Advances in Measurement and Modeling Techniques

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31938.html>

T106. Arsenic: Fate and Transport in Natural Waters and Aquifers from Basin to Pore-Space Scale

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31940.html>

T21. Geological Records of Earthquakes and Tsunamis on Passive and Active Margins Coasts

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30741.html>

T98. Hydrogeology and Geochemistry of Shales

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30912.html>

T12. A Healthy Dose of Quaternary Geochronology at the Shoreline: Applications of Luminescence and Other Dating Techniques to Resolving the Timing of Coastal, Estuarine, and Lake Shore Processes

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30764.html>

T1. Sources, Transport, Fate, and Toxicology of Trace Elements and Organics in the Environment

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30616.html>

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31918.html>

T25. Landslides and Debris Flows: Global Problems, Local Solutions

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30643.html>

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31926.html>

T101. Hydrology of Urban Groundwater, Streams, and Watersheds

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30829.html>

T170. Central Virginia Earthquakes of 2011: Geology, Geophysics, and Significance for Seismic Hazards in Eastern North America

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30197.html>

T21. Geological Records of Earthquakes and Tsunamis on Passive and Active Margins Coasts

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31923.html>

T45. Perspectives in Floodplain System Science

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30961.html>

T90. Coastal Surface Water–Groundwater Interactions

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31935.html>

T28. Channel Morphology and Hydraulic Geometry of Channelized Flows: Linking Observations from a Variety of Environments and Scales

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30957.html>

T43. Insights into Geological Processes and Hazards Acquired through Recent Technological Advances

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30553.html>

T44. GIS and Remote Sensing Applications in Environmental and Engineering Geology

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30866.html>

T93. Advances in Hydrology and Sustainable Water Management in Coastal Environments

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30790.html>

T102. Hydraulic Fracturing for Resource Development or Remediation: Methods, Results, and Industry-Regulatory Response to Environmental Impacts on Ground and Surface Waters

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30214.html>

T91. The Hydrology of Headwater Catchments (Posters)

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30734.html>

T101. Hydrology of Urban Groundwater, Streams, and Watersheds

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31936.html>

T170. Central Virginia Earthquakes of 2011: Geology, Geophysics, and Significance for Seismic Hazards in Eastern North America

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31967.html>

T90. Coastal Surface Water–Groundwater Interactions

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30714.html>

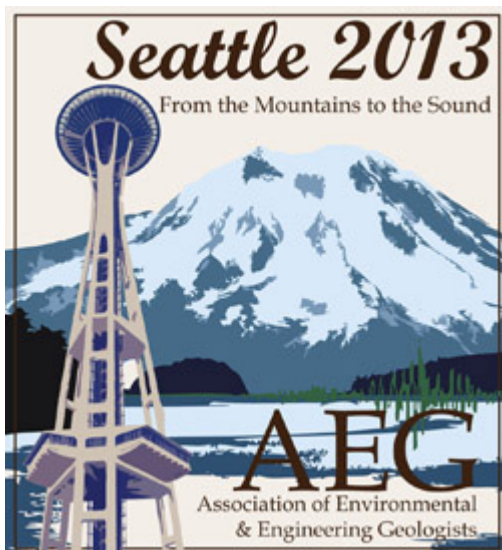
T103. Groundwater Model Calibration and Uncertainty Analysis

<https://gsa.confex.com/gsa/2012AM/webprogram/Session30646.html>

Engineering Geology (general)

<https://gsa.confex.com/gsa/2012AM/webprogram/Session31990.html>

<https://gsa.confex.com/gsa/2012AM/webprogram/Session32064.html>



September 8-15, 2013

<http://www.aegweb.org/events/aeg-annual-meeting/2013-seattle>

Abstract Deadline is May 1!

New EEGD Merchandise!



Mugs and Shirts



Hats



Merchandise is available with the following donations (contact LevineN@cofc.edu):

Hats - \$15

T-Shirts - \$15

Mugs - \$7

Hat or T-Shirt & Mug - \$20

Hat & T-Shirt - \$25

All Three - \$30

TANTALIZING TECHNOLOGY

Note to self: don't throw garbage into a volcano, as it may cause an eruption. Also, make sure my boat can outrun a debris flow. Oh, and don't tell the helicopter rental agency that I will be using it to swing a wrecking ball into a cliff. Here are the winners of our Interesting GeoVideos of 2012. Enjoy, but don't try this at home!

Rockfall during road construction - <https://www.youtube.com/watch?v=8FJwIHdVue8>

Rockslide in New York - <http://www.news10.com/story/19821161/rock-slide-closes-route-4-in-fort-a%20nn>

Earthquake-induced rockfall in China - <http://www.youtube.com/watch?v=LOcdmv6W4TU&feature=fvsvr>

Rockfall mitigation using helicopter wrecking ball - http://www.youtube.com/watch?v=d9_vXKGWHZc

Flash flood in Utah - <http://www.youtube.com/watch?v=ORZQUlk8vxg>

Volcanic eruption started by garbage bag - <http://www.youtube.com/watch?v=kq7DDk8eLs8&feature=fvwrel>

Landslide in Switzerland - <http://www.youtube.com/watch?v=7uoqAU0BZ4w>

Landslide in China - <http://www.youtube.com/watch?v=LovilQ0BrnE>

Landslide in Tibet - <https://www.youtube.com/watch?v=FciMOZmulvQ>

Landslide in Switzerland - <http://www.cnn.com/video/?/video/world/2012/05/17/vo-swiss-landslide.swiss-broadcasting#/video/world/2012/05/17/vo-swiss-landslide.swiss-broadcasting>

Debris flow in British Columbia - <http://www.youtube.com/watch?v=n1cCs-S5EKc>

Cartoon of rockfall and debris flow mitigation - <http://www.youtube.com/watch?v=w4xeTT0eeBA>

Incredible rock balancing art - <http://www.npr.org/blogs/krulwich/2013/01/04/168612594/a-very-very-very-delicate-balance>

Roy J. Shlemon Scholarship Awards

Please encourage students to apply for the **Shlemon Scholarships**. These awards are given to graduate students to support thesis research within the broad field of engineering geology. At least two \$1000 scholarships will be awarded; one for Master's level and one for Doctoral level research. The program is competitive and there is no guarantee of funding. The Scholarship Awards Committee strongly encourages women, minorities, and persons with disabilities to participate fully in this program. Eligibility is restricted to student members of the Engineering Geology Division. Deadline is March 15.

Roy J. Shlemon Meeting Awards

are given to graduate and undergraduate students to encourage participation in field trips and short courses held at annual and sectional meetings. Participation on field trips is especially encouraged. The only criteria are that you must be a student member of the Engineering Geology Division of GSA and making satisfactory progress toward your degree. In the event that requests for awards exceed available funding, requests for attending field trips will be given preference over requests for short courses. Deadline is 3 months prior to the conference you are attending.

DIVISION AWARDS

Distinguished Practice Award

The Distinguished Practice Award recognizes outstanding individuals for their continuing contributions to the technical and/or professional stature of engineering geology. The 2012 award was given to **Dr. Scott Burns** for his lengthy record in the practice, teaching, and service in the field of engineering geology, and his enthusiastic support and recruiting for the profession. He has been the focal point of engineering geology education in the Pacific Northwest for many years, advising over 30 graduate students and countless undergraduates.



Scott Burns (right) receives his award from Jerry DeGraff (left)

Roy J. Shlemon Scholarship Award

The Roy J. Shlemon Scholarship Awards have been granted since 2000 to graduate students with the best research proposals within the broad field of engineering geology. The primary role of this awards program is to provide partial support of master's and doctoral thesis research in engineering geology. Winners this year are **Ashley Tizzano** and **Matthew Wayman**, both from Kent State University. Congratulations!

Meritorious Service Award

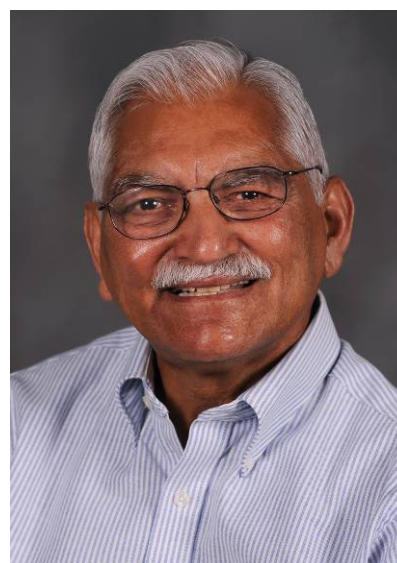
The Meritorious Awards are for outstanding service to the Engineering Geology Division. The 2012 is given to **Dr. Abdul Shakoor** for extended service to the division. He has served on the management board, as the editor for our journal Environmental and Engineering Geoscience for the last 14 years, and as an active member of several of the Division's committees.



Ashley Tizzano, 2012 Shlemon Scholarship Award Winner



Matthew Wayman, 2012 Shlemon Scholarship Award Winner, performing a Schmidt Hammer test on the Kizikaya tuff in Turkey



Dr. Abdul Shakoor

E.B. Burwell Award

The Edward Burwell, Jr., Award, established by the Division in 1968, honors the memory of one of the founding members of the Division and the first chief geologist of the U.S. Army Corps of Engineers. This award is made to the author or authors of a published paper of distinction that advances knowledge concerning principles or practice of engineering geology, or of related fields of applied soil or rock mechanics where the role of geology is emphasized. The 2012 award was given to **Shinya Nakamura, Seiichi Gibo, Kazuhiko Egashira and Sho Kimura**. Their paper "Platy layer silicate minerals for controlling residual strength in landslide soils of different origins and geology," was published in *Geology*, Volume 38, No. 8, pp. 743-796. The paper demonstrates the control of sample mineralogy on the residual shear strength, using a series of ring-shear tests. The results of the study can be used to predict residual shear strength in a wide range of landslide-susceptible soils.

Richard H. Jahns Distinguished Lecturer

The Richard H. Jahns Distinguished Lectureship was established in 1988 by the Engineering Geology Division and the Association of Engineering Geologists, jointly, to commemorate him and to promote student awareness of engineering geology through a series of annual lectures at academic institutions. The named lecturer for 2013 is **Dr. James McCalpin**. To learn more or to schedule a lecture, please visit:
<http://rock.geosociety.org/egd/Jahns2012-2013.html>



Outgoing Division Chair Bill Shulz (left) and incoming Jahns lecturer Jim McCalpin (right)



Burwell Award winners, clockwise from top: Shinya Nakamura, Seiichi Gibo, Kazuhiko Egashira and Sho Kimura.

BULLETIN BOARD

AEG Annual Meeting

Seattle, WA – 8-15 September

<http://www.aegweb.org>

Other Meeting of Interest

May 16-17, 2013

[Shlemon Specialty Conference,
Dam Foundations Failures and
Incidents](#)

Denver, CO

SJ July 8-9, 2013

[International Conference on
Geological Sciences and
Engineering](#)

London, UK

Sept. 24-25, 2013

[The International Symposium & 9th
Asian Regional Conference of IAEG](#)

Bieijing, China

Sept. 10-15, 2014

[XII International IAEG Congress](#)

Torino, Italy

Also check the GSA meetings
calendar at:

<http://www.geosociety.org/calendar/>

GSA Regional Meetings

South-Central — 4-5 April, Austin, TX

<http://www.geosociety.org/Sections/sc/2013mtg/>

Northeastern — 18-20 March, Bretton Woods, NH

<http://www.geosociety.org/Sections/ne/2013mtg/>

Cordilleran — 20-22 May, Fresno, CA

<http://www.geosociety.org/Sections/cord/2013mtg/>

Southeastern — 20-21 March, San Juan, Puerto Rico

<http://www.geosociety.org/Sections/se/2013mtg/>

North-Central — 2-3 May, Kalamazoo, MI

<http://www.geosociety.org/Sections/nc/2013mtg/>

Rocky Mountain — 15-17 May, Gunnison, CO

<http://www.geosociety.org/Sections/rm/2013mtg/>

GSA National Meetings

2013 - Denver, CO: 27–30 October

2014 - Vancouver, BC, Canada: 19–22 October

2015 - Baltimore, MD: 1–4 November

From the Editor ...

I really hope this issue was informative and useful. If you have any comments, suggestions, or ideas for columns or articles, please contact me at psanti@mines.edu. I need your input to make the newsletter valuable!

Paul Santi, Editor
The Engineering Geologist



Environmental and Engineering Geology Division Contacts

2012-13 Management Board

Chair: Norm Levine (levinen@cofc.edu)
Vice-Chair: Dennis Staley (dstaley@usgs.gov)
Secretary: William Burns
(bill.burns@dogami.state.or.us)
Member-at-Large: Matthew Crawford
(mcrawford@uky.edu)
Past Chair: Bill Schulz (wschulz@usgs.gov)

Committees

GSA Annual Meeting Division Program Chair

Norm Levine

GSA Sectional Meeting Division Coordinator

Matthew Crawford

Division Publications Committee

Syed Hasan, Chair

Division Newsletter Editor

Paul Santi

Division Webmaster

Dennis Staley

E.B. Burwell Jr. Award Committee

James P. McCalpin, Chair
William Niemann
Paul Santi
(2 Open slots)

Richard H. Jahns Distinguished Lecturer Award

Norm Levine
Dennis Staley
(Matt Morris and Gary Luce, AEG Representatives)

Roy J. Shlemon Scholarship Awards Committee

Robert A. Larson, Chair
Scott Burns
Jerome V. DeGraff
Betsy Mathieson
Roy J. Shlemon

Division Awards Committee

Norman Levine, Chair
Dennis Staley
William Burns

Nominations Committee

Bill Schulz, Chair
John Jens
Dave Rogers

GSA Joint Technical Program Committee

Dennis Staley
William Burns

University Liaison Committee

Scott Burns, Chair
Terry West, Co-Chair
Paul Santi
John Keefer
Abdul Shakoor
Chester Watts
John Williams

Student Paper Awards Committee

Scott Burns, Chair
Terry West
Jerry Higgins



Outgoing (Bill Schulz, left) and Incoming (Norm Levine, right) Division Chairs

THE ENGINEERING GEOLOGIST

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Contributions to The Engineering Geologist are most welcome, and should be directed to the Editor. Submission as Word documents or jpg photographs is most expedient.

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