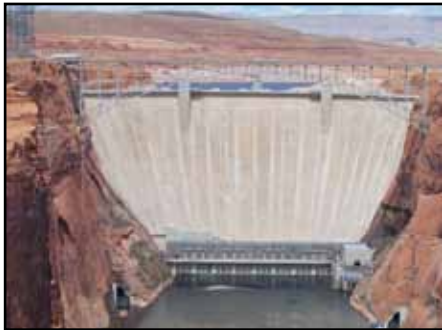


## INSIDE THIS ISSUE



7



7



45

### FEATURES

AIPG/AHS National Conference Welcome Letter <i>Doug Bartlett, CPG-8433 and Michel Hulst</i>	3-4
AIPG/AHS National Conference Information	5
AIPG National Award Recipients	15
AIPG National Officer Candidate Articles and Biographies	16-24
2014 Official Mail-In Ballot	25
Thank You for 25 Years!	26
AGI Announces Awardees	28
Hurricane Sandy Inland Water Damage in the NY-NJ Metropolitan Area <i>Nicholas K. Coch, CPG-06419</i>	42
I Used to Think I Was a Geologist. Basinga; Now I am One <i>Bob Langer, CPG-11528</i>	48
Awards Announced	53
AIPG Kentucky Section Presents a Professional Development Conference	54
<b>PEER REVIEWED ARTICLE</b>	
A Rapid, Inexpensive and Portable Field and Laboratory Method to Accurately Determine the Specific Gravity of Rocks and Minerals <i>Dr. Uwe Richard Kackstaetter, MEM-2437</i>	56
Geoscience Currents	61

Cover Photo: Flume Trail in the Granite Dells of Prescott. Photo provided by Prescott Office of Tourism.

## AIPG National Executive Committee

**PRESIDENT** - Raymond W. Talkington, CPG, Northeast Section  
Geosphere Environmental Management  
O: (603) 773-0075  
rtalkington@geospherenh.com

**PRESIDENT-ELECT** - J. Foster Sawyer, CPG, South Dakota Section  
SD School of Mines and Technology  
O: (605) 394-2462  
foster.sawyer@sdsmt.edu

**PAST-PRESIDENT** - Ronald J. Wallace, CPG, Georgia Section  
State of Georgia  
O: (404) 362-2589  
ronald.wallace@dnr.state.ga.us

**VICE PRESIDENT** - Brent E. Huntsman, CPG, Ohio Section  
Terran Corporation  
O: (937) 320-3601  
behuntsman@terrancorp.com

**SECRETARY** - James R. Burnell, CPG, Colorado Section  
Mineral Strategies, LLC  
O: (303) 278-4521  
minstrat@yahoo.com

**TREASURER** - Lawrence M. Austin, CPG, Michigan Section  
H: (616) 361-7993  
lawrence.austin@comcast.net

**EDITOR** - Robert A. Stewart, CPG, Colorado Section  
C: (720) 585-5575  
ras@aipg.org

**ADVISORY BOARD REPRESENTATIVES**  
Christine F. Lilek, CPG, Wisconsin Section  
Wisconsin DNR  
O: (920) 387-7898  
clilek1@yahoo.com

J. Todd McFarland, CPG, Tennessee Section  
AMEC.  
O: (615) 333-0630  
todd.mcfarland@amec.com

Keri A. Nutter, CPG, Alaska Section  
DOWL HKM  
O: (907) 562-2000  
knutter@dowlhkm.com

David G. Pyles, CPG, Illinois/Indiana Section  
KPRG, Inc.  
O: (630) 325-1300  
DavidP@kprginc.com

**NATIONAL HEADQUARTERS**  
12000 Washington St., Suite 285  
Thornton, CO 80241  
7:30 AM - 4:30 PM MDT; M-F  
(303) 412-6205 • Fax (303) 253-9220  
aipg@aipg.org • www.aipg.org

**EXECUTIVE DIRECTOR** - William J. Siok, CPG - wsiok@aipg.org  
**ASSISTANT DIRECTOR** - Wendy J. Davidson - wjd@aipg.org  
**PROFESSIONAL SERVICES MGR** - Cathy L. Duran - cld@aipg.org  
**MEMBERSHIP SERVICES MGR** - Vickie L. Hill - vlh@aipg.org  
**OFFICE ASSISTANT** - Cristie J. Valero - cjv@aipg.org  
**ADMINISTRATIVE ASSISTANT** - Dorothy K. Combs - dkc@aipg.org  
**ADMINISTRATIVE ASSISTANT** - Ramona J. Scott - rjs@aipg.org

**LIFE AND SUPPLEMENTAL INSURANCE**  
GeoCare Benefits Insurance Plan  
Phone: 800-337-3140 or 602-870-4121  
http://www.geocarebenefits.com/  
E-mail: geocarebenefits@agfa.com

**AUTO AND HOME INSURANCE**  
Liberty Mutual  
Phone: (800) 524-9400 - Client #111397  
http://www.libertymutual.com/aipg

**PROFESSIONAL & GENERAL LIABILITY INSURANCE**  
The Wright Group  
Phone (800) 322-9773 (303) 863-7788  
http://www.thewrightgroupinc.com

**ALAMO RENTAL CAR** -  
(800) 354-2322 - Member #BY-706768

**AVIS RENTAL CAR** -  
(800) 698-5685 - Member AWD #T003300

**UPS Savings Program**  
www.aipg.org or www.savewithups.com/enroll  
Use promo code WES462

## DEPARTMENTS

- 27 Student Chapters
- 28 In Memory
- 29 Editor's Corner
- 30 Test Your Knowledge
- 31 President's Message
- 32 Test Your Knowledge Answers
- 33 Executive Director's Column
- 34 Professional Ethics and Practices
- 37 Hydrothink
- 38 Educator's Page
- 40 Headlines
- 41 Student's Voice
- 47 AIPG Membership Totals
- 49 Members in the News
- 50 Professional Services Directory
- 52 Online Courses
- 60 In Memory

**AIPG Publication Policy, October 4, 2010.** AIPG encourages submission of articles and editorials for publication in *TPG* on topics related to the science and profession of geology. Submittals shall be of interest to the members of AIPG, other professional geologists, and others interested in the earth sciences. Articles and editorials may be noted as follows at the discretion of the Editor, "The opinions, positions and conclusions presented herein are those of the author and do not necessarily reflect the opinions, positions or conclusions of the American Institute of Professional Geologists." All materials submitted for publication, including author opinions contained therein, shall include accurate and appropriate references. The Editor has the authority to solicit, edit, accept, or reject articles and editorials and other written material for publication. The Executive Committee has the authority if it so chooses to act on any particular case to support or overrule actions of the Editor regarding the solicitation, editing, acceptance, or rejection of any particular article, editorial, or other written material for publication.

American Institute of Professional Geologists (AIPG) is the only national organization that certifies the competence and ethical conduct of geological scientists in all branches of the science. It adheres to the principles of professional responsibility and public service, and is the ombudsman for the geological profession. It was founded in 1963 to promote the profession of geology and to provide certification for geologists to establish a standard of excellence for the profession. Since then, more than 10,000 individuals have demonstrated their commitment to the highest levels of competence and ethical conduct and been certified by AIPG.

The mission of the American Institute of Professional Geologists (AIPG) is to be an effective advocate for the profession of geology and to serve its members through activities and programs that support continuing professional development and promote high standards of ethical conduct.



The Professional Geologist (USPS 590-810 and ISSN 0279-0521) is published quarterly by the American Institute of Professional Geologists, 12000 Washington St., Suite 285, Thornton, CO 80241-3134. Periodicals Postage Paid at Denver, Colorado and additional mailing offices.

**POSTMASTER:** Send address changes to The Professional Geologist, AIPG, 12000 Washington St., Suite 285, Thornton, CO 80241  
Subscriptions for all Members and Adjuncts in good standing are included in annual membership dues. Subscription prices are \$20.00 a year for Members' additional subscriptions and \$30.00 a year for non-members for 4 issues (for postage outside of the U.S. add \$10.00). Single copy price is \$5.00 for Members and \$8.00 for non-members. Claims for nonreceipt or for damaged copies are honored for three months.

Entire contents copyright 2014 by The Professional Geologist. Original material may be reprinted with permission. Deadline for articles and advertisements is six weeks preceding publication. Advertising rates available upon request. Opinions and views expressed by the authors are their own and do not necessarily reflect those of the American Institute of Professional Geologists, its staff, or its advertisers.

Printed in U.S.A. by Modern Litho-Print Company in Jefferson City, Missouri.

For AIPG news and activities go to [www.aipg.org](http://www.aipg.org).