

Inside This Issue



BOOK REVIEW

Ozarks Chipped Stone Resources: A Guide to the Identification, Distribution, and Prehistoric Use of Chert and Other Siliceous Raw Materials

Jerry D. Vineyard, CPG-01485

34

PEER REVIEWED ARTICLE

The Nature and Extent of Uranium Reserves and Resources and Their Environmental Development in the U.S. and Overseas

Michael D. Campbell, CPG-03330, Jeffrey D. King, Henry M. Wise, CPG-07697, Ruffin I. Rackley, and Bruce Handley

42

FEATURES

AIPG National Officer Election Results

3

Rocky Mountain National Park

Robert Stewart, CPG-08332

4

AIPG Hydraulic Fracturing Conference

6

AIPG Annual Meeting Registration Form

7

AIPG Annual Meeting Program

9

Technical Presentations

L. A. Cerrillo, CPG-02763 and L. G. Closs, CPG-07288

10

The AIPG Foundation Needs You

Ray Talkington, CPG-07935, Foundation Chairman

12

Zombie Alert

David M. Abbott, CPG-04570

13

AIPG Strategic Plan

18

Inspiration From The Professional Geologist

Ramon Bisque, CPG-01595

21

A Case Study of State and Local Cooperation In Promoting Understanding of Local Geology

Earl G. Hoover, CPG-02739

36

ON THE COVER -Nubble Island Light off Cape Neddick, Maine. Nubble Island is underlain by the Cape Neddick Gabbro, an Early Cretaceous layered hornblende gabbro. Photo by Bill Siok, CPG-04773.

2009 EXECUTIVE COMMITTEE

PRESIDENT - John L. Bognar, CPG
Leggette, Brashears & Graham, Inc.
O: (314) 845-0535 / jbognar@lbgstlmo.com

PRESIDENT-ELECT - Michael D. Lawless, CPG
Draper Aden Associates
O: (540) 552-0444 / mlawless@daa.com

PAST-PRESIDENT - Daniel J. St. Germain, CPG
Malcolm Pirnie, Inc.
O: (201) 398-4381 / dst.germain@pirnie.com

VICE PRESIDENT - Timothy L. Crumbie, CPG
Geoscience Consultants, Inc.
O: (502) 868-0975 / tcrumbie@spadecorp.com

SECRETARY - David P. Palmer, CPG
ElPaso Natural Gas Company
O: (602) 438-4203 / david.p.palmer@elpaso.com

TREASURER - David R. Rhode, CPG
RBC Wealth Management
O: (303) 488-3645 / dave.rhode@rbc.com

EDITOR - Robert A. Stewart, CPG
LFR Inc.
O: (860) 290-9300 / robert.stewart@lfr.com

ADVISORY BOARD REPRESENTATIVES
Robert W. Gaddis, CPG
Newfield Exploration Mid-Continent
O: (918) 732-1651 / BGgeoconsult@aol.com

Adam W. Heft, CPG
Parsons Brinckerhoff
O: (517) 886-7400 / heft@pbworld.com

Mark W. Rogers, CPG
Engineering/Remediation Resources, Inc.
O: (323) 224-8300 / mark.rogers@errg.com

Ronald J. Wallace CPG
State of Georgia
O: (404) 362-2589 / ronald_wallace@dnr.state.ga.us

NATIONAL HEADQUARTERS
1400 W. 122nd Ave., Suite 250
Westminster, CO 80234
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
OFFICE CLERK - Emma M. Schlundt - ems@aipg.org

LIFE AND HEALTH INSURANCE

GeoCare Benefits Insurance Plan
Phone: 800-337-3140 or 805-566-9191
<http://www.geocarebenefits.com/>
E-mail: geocarebenefits@agja.com

AUTO AND HOME INSURANCE

Liberty Mutual
Phone: 800-524-9400
<http://www.libertymutual.com/lm/aipg>

SUPPLEMENTAL INSURANCE

AFLAC
Phone (303) 674-1808
<http://www.aflac.com>

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-218167

AVIS RENTAL CAR -
(800) 222-2847 - Member AWD #L123443

BUDGET RENTAL CAR -
(800) 455-2848 - Member BCD #Z663100

AIPG FOUNDATION
Ray Talkington, CPG

Geosphere Environmental Management, Inc.
51 Portsmouth Avenue
Exeter, New Hampshire 03833
(603) 773-0075/FAX (603) 773-0077
RTALKINGTON@geospherenh.com

DEPARTMENTS

- 14 Section News
- 17 Editor's Corner
- 21 In Memory
- 23 Test Your Knowledge
- 24 President's Message
- 25 Members in the News
- 26 Executive Director's Column
- 27 Professional Ethics and Practices
- 31 Hydrothink
- 32 Test Your Knowledge Answers
- 33 Student's Voice
- 35 Members in the News
- 38 Professional Services Directory
- 39 AIPG Membership Application
- 41 New Applicants and Members
- 53 AIPG Store

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.

AIPG represents the professional interests of all practicing geoscientists in every discipline. Its advocacy efforts are focused on the promotion of the role of geology and geologists in society.



The Professional Geologist (USPS 590-810 and ISSN 0279-0521) is published bi-monthly by the American Institute of Professional Geologists, 1400 W. 122nd Ave., Suite 250, Westminster, CO 80234-3499. Periodicals Postage Paid at Denver, Colorado and additional mailing offices.

POSTMASTER: Send address changes to *The Professional Geologist*, AIPG, 1400 W. 122nd Ave., Suite 250, Westminster, CO 80234.

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 6 issues (for postage outside of the U.S. add \$10.00). Single copy price is \$4.00 for Members and \$6.00 for non-members. Claims for nonreceipt or for damaged copies are honored for three months.

Entire contents copyright 2009 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.