

## 2005 EXECUTIVE COMMITTEE

**PRESIDENT** - Robert G. Font, CPG  
GeoScience Data Management, Inc.  
O: (972) 429-1667/rgfont@cs.com

**PRESIDENT-ELECT** - Lawrence C. Weber, CPG  
Geosciences Design Group, LLC  
(615) 883-9434/lweber@gdglc.com

**PAST-PRESIDENT** - Robert G. Corbett, CPG  
Illinois State Univ.  
O: (309) 438-7802/rcorbett@ilstu.edu

**VICE PRESIDENT** - Kelvin J. Buchanan, CPG  
HB Engineering Group  
O: (775) 786-4515 /SummitCrk@aol.com

**SECRETARY** - David M. Abbott, Jr., CPG  
Consulting Geologist  
O: (303) 394-0321/dmageol@msn.COM

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

**EDITOR** - Raymond W. Talkington, CPG  
Geosphere Environmental Management, Inc.  
O: (603) 773-0075/rtalkington@geospherenh.com

### ADVISORY BOARD REPRESENTATIVES

David P. Palmer, CPG  
URS Corp.  
O: (602) 371-1100/david\_palmer@urscorp.com

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

Ronald J. Wallace, CPG  
State of Georgia  
O: (404) 362-2589/ronald\_wallace@mail.dnr.state.ga.us

Jane M. Willard, CPG  
EnPro Assessment Corp.  
O: (651) 645-6330/janewillard@enproassessment.com

**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

**PUBLICATIONS/WEB SITE** - Wendy J. Davidson - wjd@aipg.org

**MEMBERSHIP SERVICES** - Catherine A. O'Keefe - aipg@aipg.org

**OFFICE ASSISTANT** - Cassie Y. Padilla - cyp@aipg.org

**LIFE AND HEALTH INSURANCE**  
GeoCare Benefits Insurance Plan  
Phone: 800-337-3140 or 805-566-9191  
http://www.geocarebenefits.com/  
Email: geocarebenefits@agja.com

**PROFESSIONAL LIABILITY BROKER**  
The Novick Group (301) 770-0880

**ALAMO RENTAL CAR** - (800) 354-2322 - Member #BY-218167

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

**AIPG FOUNDATION**  
Kel Buchanan, CPG  
HB Engineering Group  
P.O. Box 2391  
Reno, NV 89505-2391  
(775) 786-4515/FAX (775) 786-4324  
summitcrk@aol.com

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

**POSTMASTER:** *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 \$35.00 a year for Members' additional subscriptions and \$45.00 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 2004 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 The Ovid Bell Press, Inc. in Fulton, Missouri.  
For AIPG news and activities go to [www.aipg.org](http://www.aipg.org).

# THE PROFESSIONAL GEOLOGISTS

MARCH/APRIL 2005

Volume 42, Number 2

Tsunami/Emergency Well Disinfection Guide .....	11-12
Motivation For Real .....	15
Forensic Geology vs. Geologic Law .....	29-30
AIPG 42nd Annual Meeting - CALL FOR PAPERS .....	31-32
AIPG History Book - Available Now! .....	33
AIPG Membership Classifications and Requirements .....	35
AIPG Student Chapters - NEW STUDENT CHAPTER .....	20
<b>PEER REVIEWED ARTICLE</b>	
Environmental Geology and Sustainability .....	41-43
<b>AIPG STORE - NEW ITEMS!... NEW ITEMS!... NEW ITEMS!</b> .....	44-45

## DEPARTMENTS

EDITOR'S CORNER .....	2
LETTERS TO THE EDITOR .....	2-3
MEMBERS IN THE NEWS .....	4-7
BOOK REVIEWS .....	8-9
PRESIDENT'S MESSAGE .....	13-14
JOB TARGET .....	14
EXECUTIVE DIRECTOR'S COLUMN — AIPG and Professional Employment .....	16
TEST YOUR KNOWLEDGE .....	16
PROFESSIONAL ETHICS AND PRACTICES — Column 96 .....	17-20
MEASURING THE PROFESSION — COLUMN 8 .....	21-23
PROFESSIONAL LIABILITY AND RISK MANAGEMENT — Column 8 .....	24-25
STUDENT'S VOICE — Column 7 .....	26-28
AIPG STUDENT APPLICATION FORM .....	28
NEW APPLICATIONS AND MEMBERS .....	34
AIPG MEMBER APPLICATION FORM .....	35
PROFESSIONAL SERVICES DIRECTORY .....	36-38
SECTION NEWS .....	39-40



**FRONT COVER** — View of the conspicuously banded early Proterozoic-age Biotite schist (right foreground) and the middle Proterozoic-age Silver Plume Granite that forms Hallet Peak (right background), in Rocky Mountain National Park, Colorado. These formations and other related units, some of the oldest rocks exposed in the park, were the source of the material comprising Holocene and upper Pleistocene age rock glaciers that accumulated along the sides of high altitude valleys (center). Photograph by John W. Jengo, CPG-08139.

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 the superior advocate for geology and geologists, to promote high standards of ethical conduct, and to support geologists in their continuing professional development.

