AGS NEWSLETTER

ARIZONA GEOLOGICAL SOCIETY, INC. JULY 2006

DINNER MEETING SPEAKER JULY 11, 2006

NYAL J. NIEMUTH, ARIZ. DEPT. OF MINES & MINERAL RESOURCES

Mineral Resources Activity in Arizona

ABSTRACT: Where does Arizona rank in mineral production? How have recent changes in commodity prices affected Arizona? How have recent demand and price increases for many industrial minerals and metal affected Arizona's mining industry? What trends are emerging? What commodities have benefited the most? What properties or areas are receiving interest? What areas or commodities are missing out? When and where are the new mines and projects scheduled to open? Do Canadian juniors have all the prospects in Arizona? Where are the opportunities for individuals or small groups of entrepreneurs? Are land management agencies actions creating or stifling opportunities, or both? Where can you open file exploration and other mineral resource data so that it is readily accessible now and preserved for the next commodity cycle? The answers to the first and the last questions are below. For all the rest you need to attend the presentation.

Record copper and molybdenum prices and strong demand for industrial mineral commodities resulted in a 44% increase in the value of Arizona's mineral production. According to preliminary data released by the U.S. Geological Survey, for 2005 Arizona regained its number one ranking nationally by value of non-fuel mineral production. Total value was a record $4.7 billion with copper accounting for over half of the value with a contribution of $2.64 billion.

In addition to the review of Arizona mineral activity a brief introduction to the archive facilities and ongoing data preservation and digitization activities of Arizona Department of Mines and Mineral Resources will be provided. The department encourages everyone to utilize the existing data as well as to consider adding to growing data bank with their personal donations. Future generations of geologists, as well as mineral consumers everywhere, will be benefit from your contribution.

Dinner Meeting Schedule:

Inn Suites Hotel: 475 N. Granada Ave. in Tucson

Cash Bar @ 6 pm Dinner @ 7 pm Talk @ 8 pm

Cost: With reservation: Members $20, Guest $22, Students $7 Without reservation $2 additional. Please call **(520) 663-5295** by 5 pm before **July 7th**. Indicate if a low-salt or vegetarian meal is required. Please cancel if you are unable to attend.

CALENDAR OF EVENTS:

- *July 19 AGS Symposium Committee Meeting*
- *August 1 AGS Dinner Meeting, Douglas Bartlett, Environmental Hydrogeology of Porphyry Copper Mines*
- *Sept. 5 AGS Dinner Meeting, Patrick Leahy , USGS*
- *October 3, AGS Dinner Meeting, Lewis Teal, Newmont Yanacocha Mine*

Other Geoscience News:

The next **Geologist Examination** for the **Arizona Board of Technical Registration** is scheduled for October 6. Visit www.btr.state.az.us and www.asbog.org for more information.

Mark October 10 on your calendar for a **U of A Dept. of Geosciences Alumni Happy Hour**. More details will be provided closer to the event.

AGS 2007 SYMPOSIUM UPDATE

Ores and Orogenesis: Circum-Pacific Tectonics, Geologic Evolution, and Ore Deposits

Hilton Tucson El Conquistador Golf & Tennis Resort

24-30 September 2007

www.agssymposium.org

Plans continue to move along with emphasis on publicity, exhibits, and advertising.

Karen Bolm, Exhibits Chair, has worked up the rates for the 8' x 10' exhibitor booths, and prepared a layout for the Exhibit Hall. Booths fees include a 6' draped table, 8' high backdrop, 3' side rail, and 2 chairs. The commercial booth fee before February 1, 2007 is $1,200 ($1,500 after Feb. 1st). A limited number of non-profit booths are available for $1,000. Please contact her for more information at kbolm@usgs.gov.

Dean Kleinkopf, Advertising Chair, prepared a flyer soliciting potential advertisers. Ads will run in the Program Booklet or Field Trip Guidebooks starting from $100 for a business card ad ($125 for color) to $900 for a full page color ad (7.5" x 10"). Download the flyer from the AGS Symposium web site or contact Dean at dklnkpf@usgs.gov.

Don Ernest, Publicity Chair, prepared an updated flyer to take to the May 2006 SEG meeting "Wealth Creation in the Mineral Industry", which was hosted by our co-sponsoring organization Society of Economic Geologists. General information, sponsorship, and advertising flyers were placed at the SEG and SRK Consulting booths. Meanwhile **Eric Seedorff, Co-Chair** and **Don Hammer, Sponsorship** Chair personally visited potential sponsors and exhibitors at the conference. The next round of publicity is focused on the SEG newsletter and the newsletter for the Geosciences Department at the University of Arizona. If you are interested in sponsorship or can suggest a potential publicity venue, please contact Eric at Seedorff@geo.arizona.eduu.

Bob Cummings, Field Trip Chair, has 19 tentative field trips including one-day and multi-day trips in Arizona, Nevada, Sonora and Chihuahua, and California.

Claudia Stone, Field Trip Guidebook Chair, is researching the costs to prepare the full-color guidebooks.

Bob Kamilli and Jon Spencer, Program Chairs, are in the process of lining up speakers and have worked up the room assignments for the talks, Core Shack, and Short Courses.

Ann Pattison, Short Course Chair, is soliciting your ideas for Short Courses. Two courses are lined up at this point - one by **Allan Moran** on the preparation of 43-101 Reports and the other on uranium deposits by **Karen Wenrich.**

Steve Enders and Spencer Titley are coordinating with SEG on the course content for the one-day SEG Symposium **Supergene Processes in the Context of Tectonics and Climate Change**.

There is still room for you to get involved.

The next scheduled meetings of the AGS Symposium Committee are on Wednesday evenings, **19 July** and **August 16** at 5:30 pm at 353 ENRB (USGS Building) on the U of A campus. Please visit www.agssymposium.org for additional information including the flyers for booths, ads, and sponsorships.

MEMBER NEWS

Welcome to new AGS members **Christopher Potter**, U.S.G.S., **Bari Moussa**, METCON Research, **Tom Gibson**, Gibson Consulting, **Jonathan Fuller**, JE Fuller Hydrology & Geomorphology, and **Amanda Clarke**, ASU.

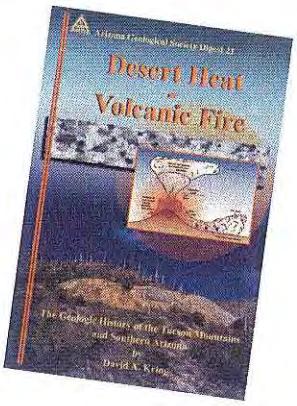
The **2006 Membership Directory** will be compiled in **July** with the contact information of current members. Current membership is 379, 319 of whom have renewed for 2006. If you have a "05 Renew" on your newsletter, this is your final newsletter. If you've had a recent change in address, phone, or email, please contact Vice Secretary Bret Canale at twocans@cox.net.

While you are renewing your dues, please consider a donation to the

AGS SUMMER BOOK SALE

Now's the time to pick up your copy of an AGS map, field trip guidebook, or map at a discount. Copies will be available at the dinner meeting or by mail (with postage/handling added). Please contact the AGS Secretary at (520) 663-5295 or corihoag@msn.com if you would like to order a copy by mail.

AGS Digest #7	**$1**	**Tectonic Digest #10 w. maps**	**$5**
AGS Digest #9	**$1**	**AGS Digest #13**	**$5**
Rel. of Tectonics to Ore Deposits in S. Cordillera,			**$10**
Gold & Silver Deposits of Basin & Range, Digest 15			**$17**
Frontiers in Geol. & Ore Deposits of Arizona and the Southwest			**$20**
Geologic Evolution of Arizona, Digest 17,			**$45**
Mesozoic Rocks of S. Arizona & Adjacent Areas			**$15**
Prot. Geology & Ore Deposits of Arizona, Digest 19			**$20**
Porphyry Copper Deposits of Amer. Cordillera			**$55**
AGS Digest 21, Desert Heat - Volcanic Fire by D. Kring			**$14**



2006 MEMBERSHIP DIRECTORY SPONSORSHIP

AGS is now accepting advertisements for the 2006 AGS Membership Directory. High quality photos of scenic Arizona, interesting outcrops, and our members are also needed. If you can volunteer your time to help with the pre-production and post-production work, let us know. The rates for advertising are listed below:

SIZE	RATE	APPROX. DIMENSIONS
Business Card	$25	Standard Business Card
½ Page	$100	4.7" w x 4" h
Full Page	$200	4.7" w x 7.9" h

What is needed: AGS can work with a variety of formats for your company ads: camera-ready, a business card, or an electronic file (.bmp, .doc, .jpg, tif, .pdf, etc.). The artwork will fit in the size limitations listed above. Feel free to submit a digital or hard copy sized to 8.5" x 11" and we will size it to fit. AGS retains digital copies of all ads published in 2005, so can place those ads again without a hard copy or digital file.

Date needed: July 30 deadline - directory will be published in early August. Advertisers will receive a copy of the directory.

Send to: Please email digital copies directly to VP Marketing, Michael Alter at malter@clearcreekassociates.com or mail a hard copy to: AGS, P.O. Box 40952, Tucson, AZ 85717. If you have questions, call Mike at (520) 622-3222. Remit payment by check with the copy of the advertisement. AGS will send you an invoice (if needed) and a receipt. Thanks for your support.

ARIZONA
GEOLOGICAL SOCIETY

P.O. Box 40952
Tucson, AZ 85717-0952

Phone: (520) 663-5295
www.arizonageologicalsoc.org

NON-PROFIT ORG.
U.S. POSTAGE PAID
TUCSON, ARIZONA
PERMIT NO. 1346

SEE WWW.AGSSYMPOSIUM.ORG FOR

INFO ABOUT THE AGS 2007
SYMPOSIUM

For info on ordering AGS publications, visit www.arizonageologicalsoc.org. AGS books & maps are sold at the dinner meetings and by the Arizona Geological Survey.

Current membership stands at 379. If you have a "05 Renew" on your address, please renew your 2006 calendar year dues. As always, please keep us up-to-date as you move, change jobs, or email addresses.

2006 AGS MEMBERSHIP APPLICATION OR RENEWAL FORM

Please mail check with membership form to: Arizona Geological Society, P.O. Box 40952, Tucson, 85717

Dues (check box) ☐ 1 year: $15; ☐ 2 years: $30; ☐ 3 years: $40; ☐ full-time student (membership is free)

Name: _____ Position: _____

Company: _____

Mailing Address: _____

Street City State Zip Code

Work Phone: _____ Home Phone: _____

Fax Number: _____ Cellular Phone: _____

E-Mail: _____ I wish to receive newsletter by E-mail ☐

If registered geologist/engineer, indicate registration number and State _____

Enclosed is a _____ tax-deductible contribution to the J. Harold Courtright Scholarship Fund.

Enclosed is a _____ tax-deductible contribution for the 2007 AGS Symposium.