



# SAN DIEGO ASSOCIATION OF GEOLOGISTS

[www.sandiegoeologists.org](http://www.sandiegoeologists.org)

## SDAG MEETING ANNOUNCEMENT WEDNESDAY, November 19, 2003

### *The San Diego Groundwater Program*

*presented by*

Murray Wunderly, RG, CHG; Groundwater Geologist,  
San Diego County, Department of Land Use and Planning



**94<sup>TH</sup> AERO SQUADRON**

**Where:** 94<sup>TH</sup> AERO SQUADRON  
8885 Balboa Ave  
San Diego, CA 92123  
Tel: (858) 560-6771

**When:** 6:00 pm – Social Hour  
7:00 pm – Dinner  
8:00 pm – Program

**Directions:** From North County Coastal-take 5 South to 52 East, 163 South, exit Balboa Ave. East.  
From North County Inland-take 15 South to 163 South, exit Balboa or take 15 South, exit Balboa West, then one mile (on left).  
From South Bay-take 805 North to 163 North, exit Balboa Ave. East, then 1/4 mile (on right).

**Dinner:** Prime rib, veggies and potato, or mahi mahi with cilantro butter, veggies and rice pilaf. Vegetarians can select pasta primavera as a main course. Mixed green salad, rolls and butter, coffee or tea, and cheesecake come with each meal.

**Cost:** \$25.00/person, \$10/student

**Reservations:** Make your reservation online through the SDAG website at [www.sandiegoeologists.org](http://www.sandiegoeologists.org) or call Margaret Eggers at (760)757-7711, **no later than 5PM Monday, November 17<sup>th</sup>.**

### 2003 EXECUTIVE COMMITTEE

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**WEBMASTER** - Carolyn Glockhoff; Ph: (858) 549-3396; [carolion@znet.com](mailto:carolion@znet.com)

### **SPEAKER:**

Murray Wunderly earned a B.S. in Geophysics from the University of Alberta, and spent 5 years in the oil industry in Calgary prior to returning to school and earning a M.S. in Hydrogeology from the University of Waterloo. Since moving to San Diego in 1995, he has worked as a consultant for Ogden Environmental Inc. and Hargis + Associates Inc. Mr. Wunderly is a California Registered Geologist and Certified Hydrogeologist. Currently he is the San Diego County Groundwater Geologist with the Department of Planning and Land Use and responsible for water resource issues within the unincorporated area of the County.

### **ABSTRACT**

San Diego County overlies a complex groundwater resource that varies greatly throughout the County. This resource provides the only source of water for most residents living in the eastern two thirds of the County. Development has occurred and will continue to occur within this area. The County regulates groundwater through the Groundwater Ordinance. The Ordinance was enacted in 1991 to protect, preserve, and maintain the groundwater resources of the County and ensure that development will not occur in groundwater-dependent areas of the County unless adequate groundwater resources are available to serve both the existing users and the proposed development. In general the County regulates groundwater use by limiting development in areas where groundwater resources are limited.

In addition to the Groundwater Ordinance, the California Environmental Quality Act (CEQA) requires that certain findings be made in order for a proposed project to be approved. With respect to groundwater quantity, it must be found that the project will not “substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level”.

Depending on the anticipated water use of a proposed project, a groundwater investigation may be required in order to ensure that groundwater resources are adequate and to make the CEQA findings. These investigations are typically conducted in accordance with the County Standards for Site Specific Hydrogeologic Investigations. Despite these measures, several problem areas in the County remain. These are typically 1) areas developed prior to implementation of the Groundwater Ordinance, 2) some Indian Reservations not subject to County regulations, 3) Borrego Valley, and 4) areas with large agricultural water users.

### **ANNOUNCEMENTS:**

**It's that time of year again!! Please renew your SDAG membership!  
A membership form is included with this newsletter. We appreciate your  
updating your membership ASAP to keep your membership current!!  
Once again this year we offer the option of email newsletters at a reduced  
rate. Be sure to note your selection on your renewal form.**

### **Be an officer of SDAG!!**

The new Treasurer will be elected at the December meeting. If you would like to place your name in nomination or know of someone who would consider serving, talk to any SDAG officer: Pat Brooks, Monte Murbach, Phil Farquharson or Margaret Eggers. Contribute to your professional community, get to know all the SDAG members and enjoy a rewarding tenure as an SDAG officer.

## LAST 2003 Meeting!

December 17<sup>th</sup>

Holiday Meeting, San Diego Natural Histor Museum

**DO YOU HAVE AN ANNOUNCEMENT??** Do you have an event, job opening, field trip or other announcement you would like to share with our members?? Just call or email our SDAG Secretary, Margaret Eggers at 760-757-7711 OR [meggers@eggersenv.com](mailto:meggers@eggersenv.com).

**SDAG NEWSLETTER IS DIGITAL!** If we don't have your e-mail address, or your email address changes, or if you have problems with the electronic format please contact Margaret Eggers at [meggers@eggersenv.com](mailto:meggers@eggersenv.com), or call at 760-757-7711.

**SDAG Wear:** - Monte has a variety of shirts, hats, visors and even a nice vest with the SDAG logo. A small selection is available for purchase at the meetings; all SDAG wear can be ordered from Monte.

### **2003 CORPORATE SPONSORS - THANK YOU!!**

A significant portion of the SDAG operating and scholarship budget is provided by corporate sponsorship. Please consider becoming a Corporate Sponsor for 2003! In addition to monthly recognition for your contribution, you will be entitled to a free internet "link" from the SDAG Website, and all Corporate Sponsors are listed in the front of the annual SDAG Field Trip Volume.

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