

SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

SDAG MEETING ANNOUNCEMENT

WEDNESDAY April 21st

6:30 PM - Happy Hour

7:00 PM - Meeting Begins

**** VIRTUAL MEETING ****

Join Zoom Meeting

[https://us02web.zoom.us/j/
85798184239?](https://us02web.zoom.us/j/85798184239?)

[pwd=SHI4S3FIRTVVV1hQM0pJekZ
1MUxZdz09](https://us02web.zoom.us/j/85798184239?pwd=SHI4S3FIRTVVV1hQM0pJekZ1MUxZdz09)

Meeting ID: 857 9818 4239

Passcode: 461844

Note:

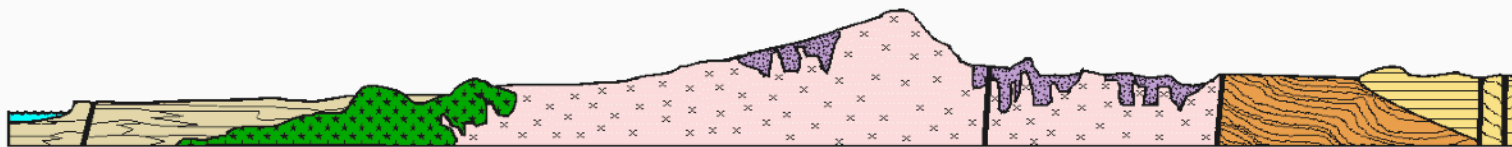
The same link will be used for all
2021 meetings
Hosted by SDAG

TITLE

**Nuclear Waste Disposal in Rock:
Sweden and the US**



BY: HANS JANZON



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ABSTRACT

Nuclear power has been around globally since the 1950's. Billions of dollars and countless hours of research later, the question that still remains today is what to do with the spent fuel? This presentation will dive into that question, first looking at the Swedish KBS 3 project which involves burying the waste 500 meters deep in Precambrian rock. Moving across the Atlantic, it will also describe some research done on placing the fuel in basalt at the Hanford reservation in Washington, the Waste Isolation Pilot Plant in New Mexico, the salt domes in Louisiana, as well as burying it deep within the tuff of Yucca Mountain in Nevada. The presentation will also discuss the current status of nuclear waste disposal and considerations for the future.

SPEAKER BIO

Hans has a BSc Geology, University of Gothenburg and a Masters in Geological Engineering from Colorado School of Mines. During the years 1981-1985 Hans worked as a geologist including 2 years in the North Sea for Norse Hydro. From 1985 to 1996 he worked in various marketing manager jobs at Atlas Copco, Mining and Construction including 2 years in Seattle. From 2003 to 2014 Hans was President of Grolls/Björnkäder in Sweden, where he managed to successfully build the company from 9 stores to 49, with stores in four countries and an increase in sales from 300 MSEK to 1000 MSEK in those 12 years.

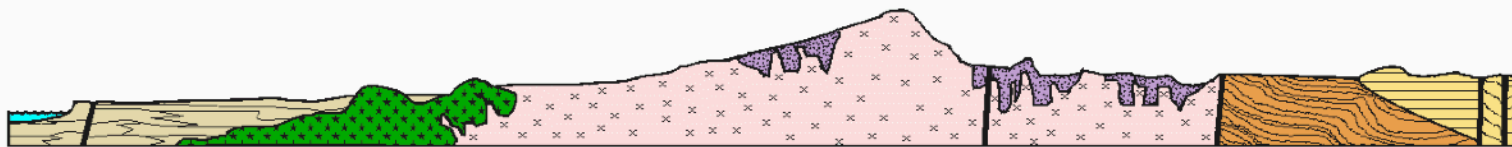
Currently, Hans is the Chairman of SACC-San Diego. He has been on the Board for four years and has during that time served as President of the organization.

REPLAY!

Did you miss last's month's meeting? No Problem!!!

Please **[CLICK HERE](#)** to watch a replay of:

**EERI SD Chapter Webinar Series
"NEW AND REVISED ALQUIST-PRIOLO EARTHQUAKE FAULT ZONES
IN SAN DIEGO"**



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UPCOMING EVENTS

Next Meeting: **MONDAY JUNE 7th**

ATTENTION!

Next meeting will be a joint meeting with **South Coast Geological Society**. For this reason, it will be held on **MONDAY JUNE 7th** in lieu of our usual Wednesday.

***Meetings are usually held on the 3rd Wednesday of the month. This may change to accommodate the speaker and meeting place schedules. Please check the [SDAG website](http://www.sandiegogeologists.org) for updates.

PRESIDENT'S CORNER

Hello SDAG Members!

Many thanks to everybody that attended last month's meeting!
Very cool to see the hard work of so many San Diego geologists continue to move the bar forward!

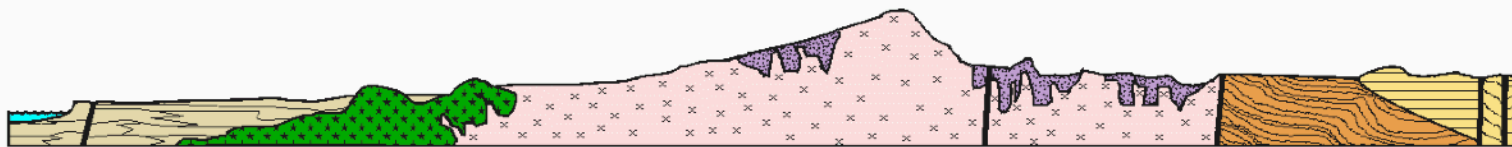
As always, a brief reminder to fill out and send in your 2021 memberships and, if you have the reserves, 2021 sponsorships. Don't forget to save the date for this year's field trip! October 23-24.

For this month's meeting, a relatively new member to SDAG (but, not new to geology) is our speaker. Hans Janzon is a Swedish geologist who, after graduating out of Gothenburg, got his MS at the Colorado School of Mines. You may remember him from our field trip rally last year or the various meetings he has attended since. With a background in nuclear power myself, I am very eager to hear his talk on nuclear waste disposal.

So! Join us May 19th for our next SDAG meeting. Looking forward to seeing you all!

Cheers,

Luke Weidman



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lcweidman@gmail.com

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CALL FOR JOB POSTINGS

Please Submit Job Postings to:
secretary@sandiegogeologists.org

For Updated Job Postings, please Visit:
<http://www.sandiegogeologists.org/Jobs.html>

JOB POSTING

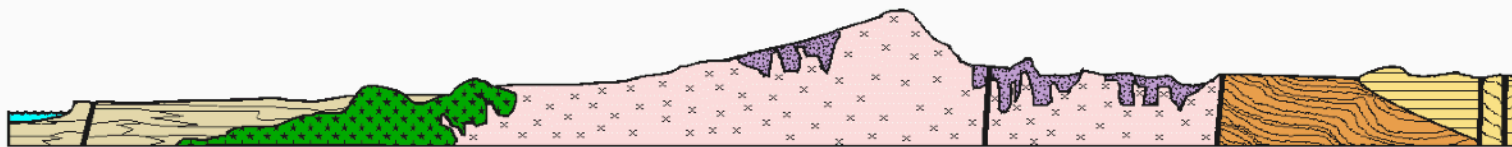
FOR MORE INFO
CLICK [HERE](#)

Professional Geologist/Hydrogeologist

Stetson Engineers, Inc.
San Diego County, CA • Temporarily remote

Specific duties for the position may include, but are not limited to the following:

- Developing groundwater models and evaluating groundwater models developed by others
- Compiling, organizing, managing, and analyzing data on groundwater, surface water, pumping, climate, demographics, etc., typically in a GIS/database environment (Esri ArcGIS)
- Familiarity with California's Sustainable Groundwater Management Act (SGMA)
- Groundwater Management Plan development
- Developing conceptual water budgets on a basin scale
- Well logging and monitoring well construction
- Analyzing aquifer and well pump test data
- Knowledge and understanding of groundwater/surface water interactions
- Working with GIS and Graphics Departments to create geologic maps and charts
- Preparing technical memorandums and reports
- Presenting findings to clients, colleagues, and other interested parties
- Reviewing reports and research conducted by other scientists and engineers



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**STEREOSCOPE
AVAILABLE FOR SALE
TO A PRIVATE PARTY
OR DONATION TO AN
EDUCATIONAL
INSTITUTION**

Mr. Eugene V. Ciancanelli, a friend of Keith Johnson, has a Stereoscope that he would like to donate to a university if possible, or sell to a private company or individual for \$500.00

*"The instrument is a Swiss made Wild Heerbrugg ST4 Mirror Stereoscope, purchased in 1974. At the time, this was considered to be the finest stereoscope available and I suspect it still holds that distinction. Being a Swiss made instrument, it was ruggedly built to a high standard of craftsmanship. The stereoscope is in like new condition and was only used by myself and only occasionally. Thank you for your help in finding a home where this instrument can continue to serve a useful purpose.
Eugene V. Ciancanelli"*

***Comes complete with the extra optional equipment including: a cantilever base, optional folding magnifying oculars for close detail viewing and a sturdy steel case.

***The instrument folds up for storage in the locking steel case when not in use or for travel.

***There are also attachable legs for the instrument to be used without the cantilever base.

Photos set up on the cantilever base - next page

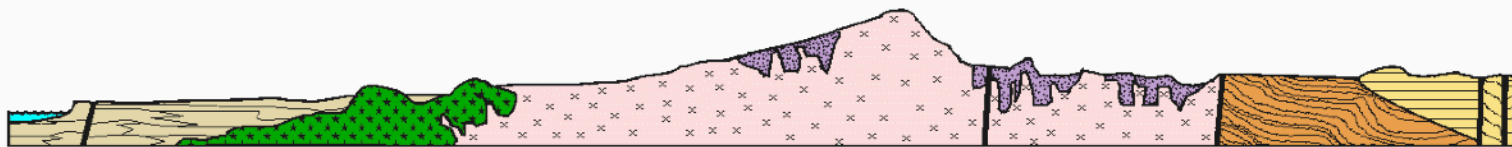
**STEREO AIR PHOTOS
AVAILABLE FREE**

If anyone is interested, ***I also have color stereo air photos*** both prints and transparencies for several large areas in California, Oregon, and Washington states. The areas covered are mainly Quaternary volcanic areas. These would be suitable for geology students planning to do a field thesis or for teaching purposes. I will give the aerial photos to anyone, who is interested in them.

IF INTERESTED, please contact:

Mr. Eugene V. Ciancanelli (760) 520 3345 gene100@mac.com

LOCATION: San Diego just north of Rancho Bernardo in the San Pasqual Valley



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Photo ST4#1 The instrument is shown in front view with the magnifying oculars attached and the mirror covers open as they would be when in use.

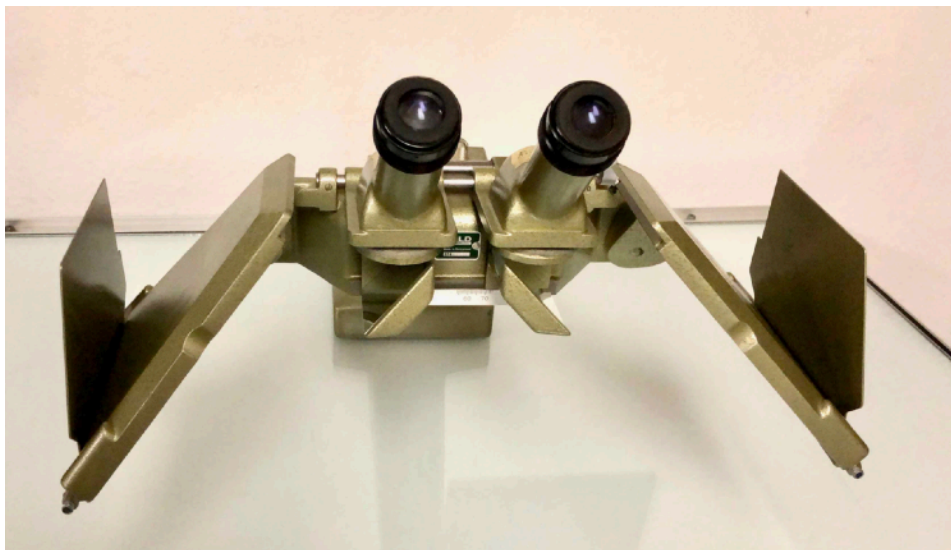


Photo ST4 #2 The instrument is shown in side view with the magnifying oculars folded back for wide field viewing and the mirror covers open as they would be when in use.



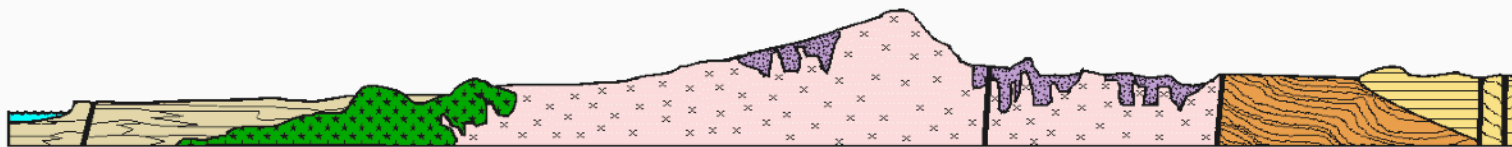
Photo ST4 #3 This is the steel carrying case



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CALL FOR ARTICLES

SDAG invites members to submit articles on their current research or an interesting project they are working on for publication in the monthly newsletter. The article should be no more than 1 page in length. Photos are welcomed; too. Please submit articles to the SDAG secretary via email.

SDAG RESEARCH TOOL

A comprehensive listing of all papers published by SDAG, whether as annual field trip guidebooks or special publications, is now available on our website. Entries are sorted by primary author, or chronologically by date of publication, starting with our first guidebook in 1972, from Coast to Cactus in 2014, and finally on the Julian 'Road to Gold' in 2017. These can be accessed or downloaded as .pdf files. They are fully searchable in Adobe Reader or Acrobat, so if you are researching a topic, "oikocryst" for example, you can search for that keyword. This listing will be updated as new books are published. Thanks to Greg Cranham and Hargis + Associates, Inc., for making this possible. See the links below:

http://www.sandiegogeologists.org/SDAG_Pubs_authors.pdf

http://www.sandiegogeologists.org/SDAG_Pubs_chronological.pdf

CALL FOR GEO PHOTOS

Any recent field trips or exciting outings?

SHOW OFF YOUR PICTURES!

Please Submit to: petishu@gmail.com

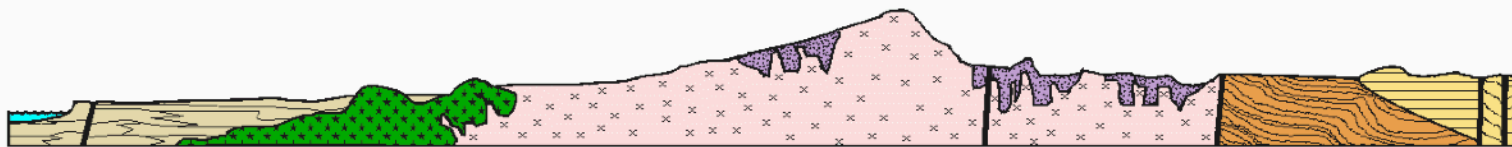
PHOTO SUBMISSIONS

BIG THANKS to all who shared the photos below!

*SOME NICE COMPANY
ON OUR WAY TO
PALM CANYON*

*BORREGO SPRINGS,
CA*





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Request for 2021 SDAG/SDGS Publication Sponsors

On behalf of the San Diego Geological Society, Inc. (SDGS), a public benefit 501(c)3 nonprofit educational corporation, we would like to request tax deductible Donations for our San Diego Association of Geologists (SDAG) group.

Your donation will further the SDGS mission to promote geology and related fields in the greater San Diego region, operating through the San Diego Association of Geologists (SDAG), a committee of SDGS. To achieve our primary educational objective, we organize frequent field trips and maintain a program of monthly meetings featuring speakers on current geological topics.

*REQUESTS
FOR
2021
SPONSORS*

\$100.00 Donation - EMERALD SPONSOR

\$500 Donation - RUBY SPONSOR

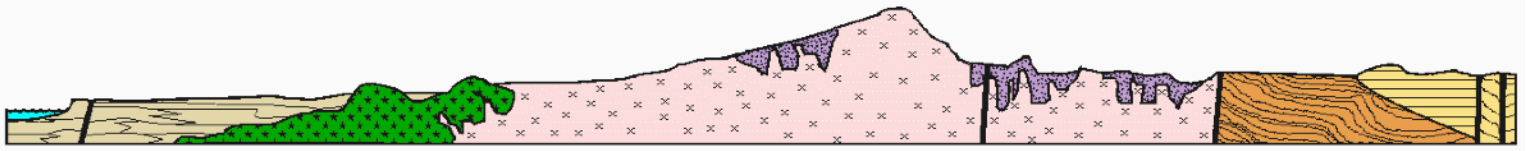
\$1,000.00 Donation - DIAMOND SPONSOR

All sponsors will be listed on the [SDAG web site](http://www.sandiegogeologists.org) and in the monthly SDAG meeting newsletters. In addition, "DIAMOND SPONSORS will be presented with a thank you plaque.

Sponsors as well as information on how to become a Sponsor are located on the SDAG web site at:

<http://www.sandiegogeologists.org/Sponsors.html>.

Should you have any questions regarding a Sponsorship, please contact our non-profit **SDGS Secretary (Diane Murbach)** at **619-865-4333**.



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THANK YOU SPONSORS !!!



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- Marty and Sherry Bloom
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- Joe Coronas
- Greg Cranham - Consulting Geologist
- Dr. Margaret R. Eggers, CHG - [Eggers Environmental, Inc.](#)
- Karen Evans for Jim Evans (deceased)
- Phil Farquharson - [Geology Guy](#)
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