

# DVESScapades

*escapades: interesting, stimulating, exciting activities and adventures*



## DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



January 2025



**This Meeting:** Wednesday, January 8th. **Rock/Mineral/Fossil Swap, Sale or Give-away** - bring something to the meeting to swap, sell or give away. We are also going to be available to help with identification.

**Next Meeting:** Wednesday, February 12th.

**Meeting location:** Atco Senior Center, 474 E. Atlantic Ave, Waterford, NJ.

## President's Message

Happy New Year Fine Folks!

I haven't written my section of the newsletter since, it seems, like a year ago!  
New year, old jokes...

I feel like I put this in the newsletter every month but it has been appropriate for each month - 60's one day, snow and blowing winds the next. Wait a bit, the weather will change.

Our annual holiday party was a pretty good hit this year based on the number of folks that came out. You all should come out every month.

Thanks to everyone who brought food and gifts and a special thank you to everyone who stayed and help clean up. We want to remain good stewards of the senior center.

Some of the Halterman collection will be on the rock raffle table this coming meeting. Again, thanks to the Halterman family!

Did you do anything earth science related and have any photos of your adventures you'd like to share? Please send them in to Susan Moore.

If you are aware of other events, shows, or an interesting science article, again send them into Susan and we'll get them in the newsletter.

The website membership prices are still not fixed. We might have a person who's interested in maintaining it, so stay tuned.

Membership dues are due. You can pay in person at the meeting or send a check to James Brennan, 139 Ashbrook Road, Cherry Hill, NJ 08034.

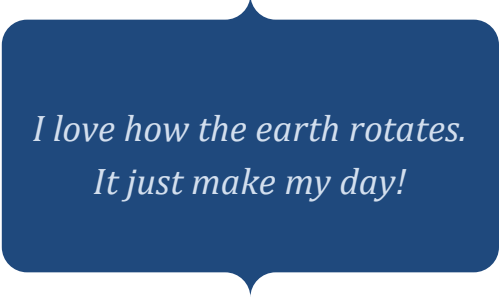
If you need the new brochures because you are going to be at an event, reach out to Jim!

2025 is upon us and unless you submit articles, jokes, or stories, you'll have to put up with my banter.

Science Article - 2024 was a great year for science. Here are just seven of them.

[These scientific feats set new records in 2024](#)

Noteworthy findings include jumbo black hole jets, an ultrapetite frog and more.



*I love how the earth rotates.  
It just make my day!*

**John Arsenault - President**

## **Field Trips and Events**

**Program for Wednesday, January 8th Regular Meeting:** We are going to be doing a rock/mineral/fossil swap, sale or even just give away. We are also going to be available to help with identification. So, your homework is to bring something to the meeting to swap, sell or give away.

**Wednesday, December 11, 2024, DVESS Club Christmas Party:** The Christmas party was a tremendous success. We haven't had a Christmas party where the total attendance was 30 members over the last 15 years. It was our best attendance since I've been back to the club. I'd like to thank everyone who brought food, side dishes, desserts and supplies. Everyone's participation made it an enormous success. I would still like to get someone to run the Christmas Party and Annual Picnic from the start.

## **Field Trips:**

**Saturday, January 18, 2025, Delaware Museum of Nature and Science:** The museum is located at: 4840 Kennett Pike, Wilmington, DE 19807. I am still working on getting a behind the scenes tour. Sign up before or during our regular meeting on January 8<sup>th</sup>. If we get enough people together, we might be able to get a group discount. General admission: \$15.50. We may be meeting at Woodcrest Station or just meet at the museum.

## **Rutgers Geology Museum's pen House Event on Saturday, January 25, 2025:**

The theme of the Geology Museum's 57th Annual Open House, will be New Jersey Geology! Visit the museum for a fun-filled day of lectures and activities focused on the geological features of our home state! Mineral sales are in Room 123 at Scott Hall from 9:00 am to 3:00 pm. The lectures are in Room 135 Scott Hall.

### Lecture Schedule:

10:00 to 11:00 - "What We Can Tell About the Earth's Past, Present and Future from Rock and Sediment Cores From New Jersey", Dr. Sean Kinney, Rutgers University.

12:30 to 1:30 – "Sea Level & Climate Change in New Jersey: Should I Sell My Shore House?", Dr. Ken Miller, Rutgers University.

2:00 to 3:00 – "Quake in the Garden State: Rutgers' Response to the April 5<sup>th</sup>, 2024, MW 4.8 Earthquake Sequence", Dr. Jim Bourke, Rutgers University.

There are many events for children in Scott Hall as well as over in the Geology Museum.

**Parking Registration:** Special arrangements are made so that Open House Visitors can park in Rutgers Lots 11, 26, 30, and the College Ave Deck, but you must [register your vehicle](#) to avoid a citation.



# RUTGERS GEOLOGY MUSEUM'S 57TH ANNUAL OPEN HOUSE

**SATURDAY, JANUARY 25TH, 2025**

JOIN US FOR A DAY OF NEW JERSEY GEOLOGY-THEMED LECTURES AND ACTIVITIES!

## PRESENTATIONS IN SCOTT HALL, ROOM 123

<b>10AM to 11AM</b>	<b>"WHAT CAN WE LEARN ABOUT EARTH'S PAST, PRESENT, AND FUTURE FROM ROCK &amp; SEDIMENT CORES FROM NJ"</b> Dr. Sean Kinney, Rutgers University
<b>12:30PM to 1:30PM</b>	<b>"SEA-LEVEL &amp; CLIMATE CHANGE IN NEW JERSEY: SHOULD I SELL MY SHORE HOUSE?"</b> Dr. Ken Miller, Rutgers University
<b>2PM to 3PM</b>	<b>"QUAKE IN THE GARDEN STATE: RUTGERS' RESPONSE TO THE APRIL 5TH 2024, MW 4.8 EARTHQUAKE SEQUENCE"</b> Dr. Jim Bourke, Rutgers University



## MINERAL SALE: SCOTT HALL, ROOM 135 9:00 AM \*\* TO 3:00 PM

\*\*EARLY ACCESS TO MINERAL SALE AVAILABLE WITH EMERALD & DIAMOND LEVEL MUSEUM MEMBERSHIPS. CREDIT CARDS, CASH, AND CHECKS ACCEPTED. SALES TAX APPLIED TO ALL PURCHASES UNLESS TAX-EXEMPT STATUS IS PROVIDED.

## CHILDREN'S ACTIVITIES IN SCOTT HALL

HANDS-ON ACTIVITY SESSIONS WILL BE HELD IN SCOTT HALL. SESSIONS WILL RUN IN 3 SECTIONS: 10:30AM TO 11:30AM, 12:30PM TO 1:30PM, AND 1:30PM TO 2:30PM.



**ROOM 114 MASTODONS, MAMMOTHS, ELEPHANTS, OH MY!**



**ROOM 115 GLACIER MODELING ACTIVITY**



**ROOM 116 CREATE YOUR OWN ICE AGE ANIMAL**



**ROOM 119 ROCK AND MINERAL IDENTIFICATION**



**GEOLOGY MUSEUM CRAFTS AND EDUCATIONAL ACTIVITIES FOR KIDS (ALL AGES) & SCHANCK OBSERVATORY TOURS – FIRST COME, FIRST SERVED**

\*PLEASE VISIT OUR WEBSITE FOR PARKING INFORMATION\*  
CART CAPTIONING SERVICES WILL BE AVAILABLE FOR ALL LECTURES.

**Calvert Marine Museum, February 15, 2025:** The museum is located at 14200 Solomons Island Road, Solomons, MD 20688. The hours are from 10:00 am to 5:00 pm. Admission: Child=\$6.00, Adult=\$11.00, Seniors=\$9.00. Travel plans will be announced at the regular meeting.

**Mark Leipert - Vice President**

## **NEWS**

**'Mystery volcano' that erupted and cooled Earth in 1831 has finally been identified**

<https://www.cnn.com/2025/01/03/science/mystery-volcano-1831-eruption-simushir/index.html>

**Kilauea volcano erupts on Hawaii island, drawing crowds for the holidays**

<https://www.cnn.com/2024/12/24/us/kilauea-volcano-erupts-hawaii-island/index.html>

**PHOTOS**

**Holiday Party**











# *DVESS Directory for 2025*

<u><b>Officers</b></u>	<u><b>Committee Chairs</b></u>
<p>President: John Arsenault 856-495-8550 <a href="mailto:Asuwsh4@yahoo.com">Asuwsh4@yahoo.com</a></p> <p>Vice President: Mark Leipert 856-524-2103 <a href="mailto:mark.leipert@yahoo.com">mark.leipert@yahoo.com</a></p> <p>Secretary: Cathy Eskew <a href="mailto:ceskew5@gmail.com">ceskew5@gmail.com</a></p> <p>Treasurer: James Brennan 610-322-1540 <a href="mailto:brenimage@hotmail.com">brenimage@hotmail.com</a></p>	<p>Junior Rockhounds Chair: Millard LeCompte 609-458-7763 <a href="mailto:WorksInFaith08009@gmail.com">WorksInFaith08009@gmail.com</a></p> <p>Field Trips: Mark Leipert</p> <p>Co-Field Trips: Fred Hochkile</p> <p>Membership: James Brennan</p>
<p><u><b>Newsletter</b></u></p> <p>Editor: Susan Moore <a href="mailto:aquamarinepaisleyorchid@yahoo.com">aquamarinepaisleyorchid@yahoo.com</a></p>	<p><u><b>Other Information:</b></u></p> <p><u><b>Website:</b> <a href="http://www.DVESS.org">www.DVESS.org</a></u></p> <p><u><b>Facebook:</b> <i>DVESSNJ – Amy Simpson</i></u></p>



## Membership Information

*Regular memberships* are entitled to participate in all DVESS activities.

### *Regular Membership:*

\$20.00 for the 1st family member + \$15.00 for each family member

\$10.00 for the 1st Senior (65+ ) member + \$5.00 for each family member

## Delaware Valley Earth Science Society Information

The Delaware Valley Earth Science Society, Inc. (DVESS), a non-profit organization, was founded in 1956 and incorporated in the state of New Jersey in 1957. The Society:

- promotes interest in, knowledge of, and the development of skills in the “earth sciences.” These interests include mineralogy, paleontology, lapidary arts, archeology, and local preservation.
- supports the conservation of natural resources, advocates the availability of collecting sites, and maintains close contact with those in the academic field.
- is a member club of the Eastern Federation of Mineralogical and Lapidary Societies (<http://www.AmFed.org/EFMLS>)

### **Delaware Valley Earth Science Society Inc. (DVESS)**

DVESS Website: <http://www.DVESS.org>



To submit an article or photos for publication in the DVESScapades, contact the Newsletter Editor at [aquamarinepaisleyorchid@yahoo.com](mailto:aquamarinepaisleyorchid@yahoo.com).

