

MISSISSIPPI GEOLOGICAL SOCIETY

*e***BULLETIN**

Volume 74

No. 5

January 2026



CORROSION CONTROL SOLUTIONS

Reza Fard - NOV Tuboscope

2026 MISSISSIPPI NATURAL RESOURCES SUMMIT

Wednesday, January 21st 9am to 1:30pm Westin Hotel, Jackson, MS

THE NEW YORK - MISSISSIPPI AND COASTAL PLAIN CONNECTION

Dr. David Dockery III, RPG



www.missgeo.com



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2025-2026 MGS MEETING SCHEDULE

When	What/Who	Where
September 10	Howard Duhom - Viking Engineering	River Hills - 11:30am
October 8	Ashley Little - IperionX	River Hills - 11:30am
November 12	SPE Sporting Clay Shoot	Providence Hill Farm
December 10	Randy Seright - Polymer Flooding - SPE	River Hills - 11:30am
January 14	Reza Fard - NOV Tuboscope	River Hills - 11:30am
February 11		River Hills – 11:30am
March 11		River Hills – 11:30am
April 8		River Hills - 11:30am
May 13		River Hills - 11:30am
TBD	Spring Fling	TBD

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TBD



PRESIDENT'S LETTER



Dear MGS Members,

Merry Christmas and Happy New Year! I hope all of you are rested up. Its going to be an exciting year!

To kick things off, our January speaker will be **Reza Fard with NOV Tuboscope**, who will present on corrosion control and the benefits of internal plastic coatings within the oil and gas industry.

GeoGulf 2026 is fast approaching (March 23-25, 2026) and I encourage everyone to attend. This year's meeting will be hosted by the New Orleans, Lafayette, and Baton Rouge Geological Societies. Registration is coming soon and is the 75th GCAGS/GCSSEPM annual convention and exposition.

Currently, we have three speaking slots to fill: February, March, and May. If you would like to give a talk, or if you know someone with an interesting presentation to share, please feel free to reach out to me directly.

The GCAGS Mid-Year Board meeting is scheduled for the week of January 26-30, 2026. The agenda will include:

- GeoGulf 2026 update,
- GeoGulf 2025 financial summary
- GeoGulf 2027 planning
- Addition of a Secretary position to the Board
- Fundraising

If you have anything you would like to add to the agenda, please advise.

Lastly, I would like to formally invite you the **Mississippi Development Authority's Natural Resources Summit**, to be held **Wednesday, January 21st, 2026**, from 9:00 a.m. – 1:30 p.m. at the Westin Hotel, Jackson, Mississippi. The event will feature sessions on critical minerals, energy, and broader resource topics, with remarks from Governor Tate Reeves. It will be an informative program and an excellent networking opportunity.

A link to register for the event can be found here:

<https://event.me/vYLAXg> [event.me]

Respectfully,

Tim Palmer, President, Mississippi Geological Society.



SPE DISTINGUISHED LECTURER



"CORROSION CONTROL SOLUTIONS: ADDITIONAL BENEFITS OF CORROSION COATINGS"

**Reza Fard
NOV Tuboscope**

11:30 am Lunch/ 12:00pm Discussion

**The River Hills Club
Jackson, Mississippi**

Abstract:

Biography:

Reza Fard is a Coating Technical Sales Chemist at NOV Tuboscope. He is currently responsible for providing local and regional technical support for the corrosion control department at NOV. Reza's focus has been for downhole and surface applications and to promote the benefits of internal plastic coatings to all aspects of the Oil & Gas industry. He received his B.S. in Chemistry from The University of Texas at Austin and worked as a Drilling Fluid Specialist at Schlumberger for 5 years before moving into the corrosion industry



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You're invited to attend

2026 Mississippi Natural Resources Summit

Wednesday, January 21st

9:00 am - 1:30 pm

The Westin Hotel - Jackson, MS

Domestic lithium production is critical to U.S. energy security—and Mississippi is positioned to lead.

The state's Smackover Formation hosts some of the nation's highest-grade lithium brines, with concentrations reaching 1,700 mg/L, far exceeding economic viability thresholds. Decades of oil and gas operations produced—and reinjected—an estimated 12.5 million metric tons of unrecovered lithium, representing a major untapped resource.

Advances in Direct Lithium Extraction (DLE) now make efficient, environmentally responsible recovery possible, while Mississippi's extensive lignite deposits offer additional pathways for critical mineral and battery-component development. Supported by active research at Mississippi's universities and state agencies, this opportunity is both strategic and achievable.

The Mississippi Development Authority invites science, technology, industry, and policy leaders to the 2026 Mississippi Natural Resources Summit to shape the actions needed to unlock this potential.

The event will feature sessions on critical energy and resource topics, remarks from Governor Tate Reeves and a networking lunch.



CURRENT PRICES

Market Watch

Crude Oil WTI (NYM \$/bbl) Front Month

[+ Watchlist](#)

☀ OPEN

Last Updated: Jan 13, 2026 at 4:32 p.m. EST - Delayed quote

\$ **61.09**

▲ 1.59 2.67%

SETTLEMENT PRICE 01/12/2026

\$59.50



Natural Gas (NYM \$/mmbtu) Front Month

[+ Watchlist](#)

☀ OPEN

Last Updated: Jan 13, 2026 at 4:33 p.m. EST - Delayed quote

\$ **3.392**

▼ -0.017 -0.50%

SETTLEMENT PRICE 01/12/2026

\$3.409





MISSISSIPPI OFFICE OF GEOLOGY

New Publications

The Mississippi Office of Geology is pleased to announce the publication of the following maps for the month of December

[OF-356 Geologic Map of the Bovina Quadrangle Hinds and Warren Counties, Mississippi](#)

[Native Lithic Materials of Mississippi](#)

[OF-349 Geologic Map of the Sharon Southeast Quadrangle Rankin, Madison, and Scott Counties, Mississippi](#)

[OF-348 Geologic Map of the Shoccoe Quadrangle Madison and Rankin Counties, Mississippi](#)

[OF-347 Geologic Map of the Canton Quadrangle Madison County, Mississippi](#)





MONTHLY POST

Dr. David Dockery III RPG

**THE NEW YORK—MISSISSIPPI AND
GULF COASTAL PLAIN CONNECTION**
David T. Dockery III, RPG

Trade on the Alabama River in the early 1800s exposed the world to the fossil sea-shells in the Eocene Gosport Sand halfway up the bluff at Claiborne Landing in Monroe County, Alabama. Timothy A. Conrad, former State Geologist of New York, and Henry C. Lea nearly simultaneously published monographs in 1833 on the Gosport molluscan fauna. Conrad's publication was first, placing Lea's species as synonyms. Conrad then traveled to Vicksburg, Mississippi, and published the Mollusca of the Vicksburg Group in 1848. B. L. C. Wailes solicited Conrad's help in publishing the fossil shells of the Moodys Branch Formation at Jackson, Mississippi, in his *Report on the Geology and Agriculture of Mississippi* published in 1854. In 1856, Conrad recognized the forestated molluscan faunas as representing three stratigraphic horizons, which he named the Claiborne, Jackson, and Vicksburg groups.

Following the work of Conrad was that of Cornell professor Dr. Gilbert D. Harris who had the aim "to have successive, thoroughly illustrated monographs of the molluscan fauna of the southern and eastern Tertiaries of the United States. Toward this end he inaugurated in 1895, the *Bulletins of American Paleontology*." The Paleontological Research Institution (PRI) was founded in Ithaca, New York, by Harris in 1932, as an independent entity with strong ties to Cornell University. In the 1940s, Dr. Harris and his Cornell student Dr. Katherine Palmer collected fossils from the Jackson Group in Mississippi and elsewhere, which they published in 1946-1947 in Volume 30 of the *Bulletins of American Paleontology*.



MONTHLY POST

Dr. David Dockery III RPG

In the 1960s, I was a budding paleontologist using BAP Volume 30 to identify fossils shells from the Fossils Gulch locality at Riverside Park and the outcrop on Town Creek. Dr. Palmer was PRI Director at the time and served as my mentor in identifying fossil mollusks. In 1977, I published that work under the title of *Mollusca of the Moodys Branch Formation, Mississippi*, in *Mississippi Geological Survey Bulletin 120*. In 1980, I published the Claiborne Group fauna of the Cook Mountain Formation in Bulletin 122. Type specimens from these publications were catalogued in the PRI collections. In Figure 1 at left, I am standing at the entrance of PRI with Dr. Palmer in 1972 and, at right, with my wife Mary in 1993.





MONTHLY POST

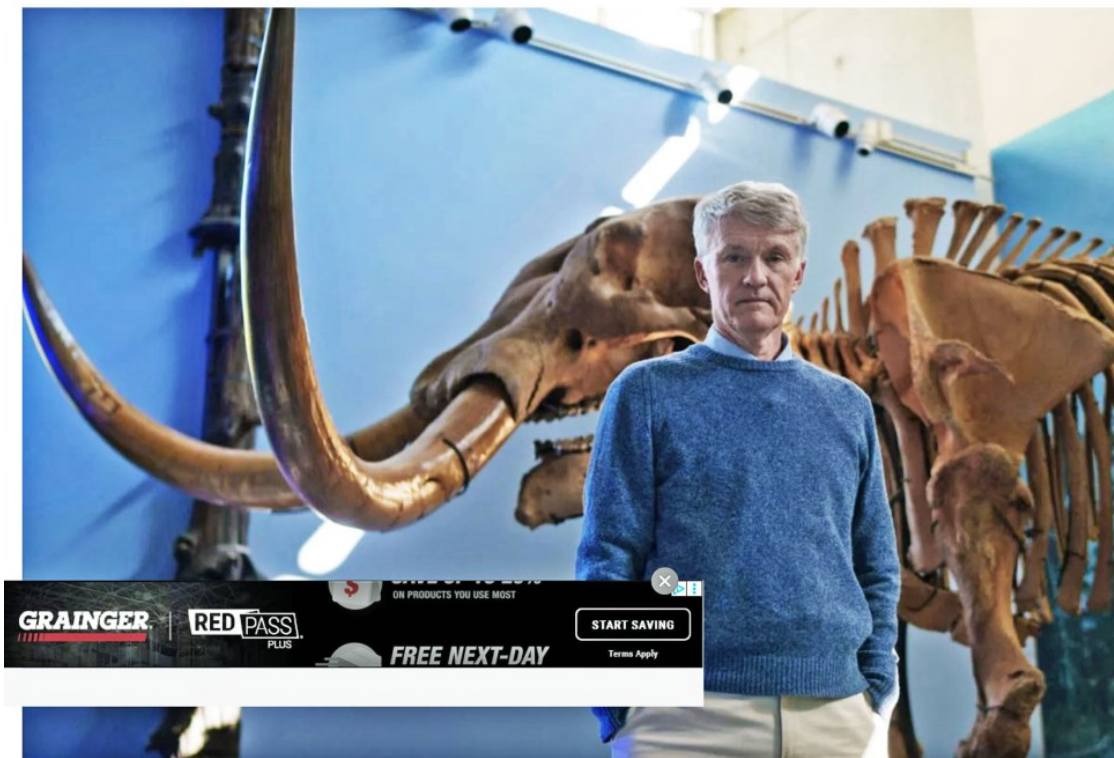
Dr. David Dockery III RPG

Harvard graduate Dr. Warren Allmon became director of PRI in 1992 and was instructed by the Board of Trustees to initiate an award in the founder's name to be given for excellence in systematic paleontology. I helped Warren with his dissertation research in Mississippi, so he told the Board, "If I get to pick the person for this award, I'm picking my friend David Dockery." Thus, I became the first recipient of the Gilbert D. Harris Award in 1993. At last year's GSA Annual Meeting in San Antonio, Texas, Dr. Thomas E. Yancey, Professor Emeritus of Texas A&M, was the 32nd recipient of the Gilbert Harris Award. It was also at this meeting that we were appraised with the possibility of a PRI mortgage foreclosure if funds could not be raised to pay off the mortgage. This year I received the good news from Warren Allmon, in the following post from the Ithaca Times (Figure 2).

'Every Single Dollar Mattered': Donations Save Museum of the Earth From Foreclosure

Figure 2

Philip O'Dell
Dec 31, 2025



Warren Allmon, director of the Paleontological Research Institution.

Photo: Mark Syvertson/Ithaca Times



MONTHLY POST

Dr. David Dockery III RPG

Donations Saved the Paleontological Research Institution in Ithaca, New York, from Foreclosure: “Just days before a year-end foreclosure deadline, the Museum of the Earth has paid off its mortgage following a wide fundraising campaign that rescued the Ithaca area landmark. Paleontological Research Institution Director Warren Allmon confirmed on Dec. 29 the institution’s mortgage settlement, saying payments to the Arizona-based SMS Financial totaled \$3.2 million upon completion.

The fundraising momentum began in early 2025 with a \$1 million gift from a Cornell University alumna, followed by a second \$1 million from a retired Cornell professor. “He thought that we mattered to science at a time when science was really threatened,” Allmon said of the donor. The final \$1 million was raised through a grassroots groundswell of local families, nonscientists invested in the Ithaca community, and even children hosting their own fundraisers. “We got a note from an 8-year-old girl that said ‘I don’t want you to close. Enclosed is \$44 that I saved up.’” Allmon said. “Another 8-year-old told her parents that she didn’t want anything for Christmas but to save the museum, and her parents sent us a check.”

Allmon noted that this overwhelming community support serves as a powerful endorsement of PRI’s multifaceted mission as a research hub and destination for public education. He thanked PRI staff and the countless donors for validating the museum’s role as a space where scientific discovery meets personal inspiration, amazement, and fun.”



MONTHLY POST

Dr. David Dockery III RPG

The PRI-Cornell-Mississippi connection continues as I've helped Warren's Cornell PhD student Corey Hensen with his dissertation [graduated 2025], and Corey is helping as an unpaid contractor to compile the Cenozoic and Mesozoic stratigraphic correlations charts for the USGS West Gulf Coast Project, which includes the states of Texas, Louisiana, Arkansas, Tennessee, Mississippi and Alabama. These charts will be a standard reference for a long time to come. Figure 3, at left, shows Warren Allmon collecting fossils from the Yazoo Clay at Cynthia, Mississippi, and, at right, Corey Hensen and Carolyn Dockery in a store in Benton, while collecting fossils from Techeva Creek in Yazoo County.





GEOLOGY POST

ARTICLES, PAPERS or NEWS?

ATTENTION!!!!!! Industry, Professors and Students:

I am looking for more content from the industry and our schools.

Submissions can include anything from professional papers, thesis abstracts, job opportunities to pictures. Anything!!!!

If you have any information or news you would like to share with the Society **PLEASE** email them to the MGS Editor at:

mcaton13@yahoo.com

Thanks & Regards,

Matt Caton
Editor

GEO LINK POST

USGS TAPESTRY OF TIME AND TERRAIN <http://tapestry.usgs.gov> The CCGS is donating to all of the 5th and 6th grade schools in the Coastal Bend. Check it out—it is a spectacular map. You might want a framed one for your own office. The one in my office has glass and a metal frame, and it cost \$400 and it does not look as good as the ones we are giving to the schools. Call Owen 510-6224 if you want one for your office for \$150. Duncan, Mike, Chris, Dave, Bob Randy, Seb., Kevin, Ken, Craig, Patrick, Robert.

FREE TEXAS TOPO'S <http://www.tnris.state.tx.us/digital.htm> these are TIFF files from your state government that can be downloaded and printed. You can add them to SMT by converting them first in Globalmapper. Other digital data as well.

FREE NATIONAL TOPO'S [http://store.usgs.gov/b2c_usgs/b2c/start/\(xcm=r3standardpitrex_prd\)/.do](http://store.usgs.gov/b2c_usgs/b2c/start/(xcm=r3standardpitrex_prd)/.do) go to this webpage and look on the extreme right side to the box titled TOPO MAPS DOWNLOAD TOPO MAPS FREE.

<http://www.geographynetwork.com/> Go here and try their top 5 map services. My favorite is 'USGS Elevation Date.' Zoom in on your favorite places and see great shaded relief images. One of my favorites is the Great Sand Dunes National Park in south central Colorado. Nice Dunes.

<http://antwrp.gsfc.nasa.gov/apod/astropix.html> Astronomy picture of the day — awesome. I click this page everyday.

<http://www.spacimaging.com/gallery/ioweek/iow.htm> Amazing satellite images. Check out the gallery.

<http://www.ngdc.noaa.gov/seg/topo/globegal.shtml> More great maps to share with kids and students.

www.geo.org Don't forget we have our own web page.

<http://micro.magneet.fsu.edu/primer/java/scienceoptiscu/owersofl0/>

<http://asterweb.jpl.nasa.gov/galery/default.htm> Great satellite images of volcanoes

<http://terra.nasa.gov/gallery/> More here

www.ermapper.com They have a great free downloadable viewer for TIFF and other graphic files called ER Viewer.

www.drillinginfo.com This is an incredible (subscription) well and completion data service for independents. Can be demo'ed for free.

<http://terraserver.com/> Go here to download free aerial photo images that can be plotted under your digital land and well data. Images down to 1 meter resolution, searchable by Lat Long coordinate. Useful for resolving well location questions.

<http://www.fs.fed.us/gpnmf/volcanocams/msh/> This is a live cam of Mt. St. Helens refreshed every 5 minutes. At the bottom are old videos of past eruptions in this cycle. It is worth a watch especially now.



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2025-2026

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(Note: Please contact Steve Walkinshaw at (601) 607-3227 or mail@visionexploration.com for details concerning placing your ad on the MGS web site.)

Total Remitted \$ _____

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