



Florida Association of Professional Geologists (FAPG)

Florida Chapter of American Institute of
Professional Geologists (AIPG)

Fall 2023 Newsletter



PRESIDENT'S MESSAGE

Happy Fall to all my fellow Geologists. I wanted to say thank you to all the recent support via donations and sponsorships. A little bit of funding goes a long way to cover our critical expenses. Also, I want to extend a heartfelt thank you to my friends on the FAPG Board that have been superb leaders in 2023 and dedicated to enhancing your practice of geology in Florida: Bill Aley, Kim Arnold, Joey McKinnon, Anne Murray and Natalie Kato. We have received phenomenal advice and support too from the PG "geologic titans" in Florida: Chuck Drake, Tom Herbert, Tom Scott, and Harley Means.

In September 2023 I had the honor of attending and representing Florida (FAPG) at the National American Institute of Professional Geologists 60th Annual Conference in Kentucky. I attended the annual executive committee / business meeting reporting to National what we have been doing on the State level in Florida, and sharing ideas on critical issues facing the practice of geology on an industry-wide level including the deficiency of and need for future geologists/graduates, student and young professional involvement in AIPG/FAPG, the need for CEUs, representation of geologists and geologic issues to State and Federal lawmakers, unifying with professional groups that share our vision (AEG, SME, AGI), and getting K-12 exposure to geosciences through nonprofit outreach programs so that we seed professionals for the future.

I attended the Awards Banquet recognizing key geologists in the organization and to build relationships with leaders in other States (see photo). I also was very fortunate to attend a couple great field trips exploring the massive



Clint Noble, P.G., FAPG President.

Karst cave systems in Indiana and Kentucky. We have some of this terrain in Florida, but not nearly on the same magnitude! Maybe in a couple hundred million years and given some specific structural mechanisms, Florida will look like Kentucky (see photo)!

At the National business meeting, I was humbled to be nominated, voted, and appointed to the National Advisory Board of AIPG which places me on the Executive Committee (see photo). I will serve in this role in 2024. I intend to use this position to further represent to National what we Geologists in Florida do, need, and look forward to improving in the future. If you have any concerns regarding your license, industry concerns, geologic practice, ethics, or how AIPG can better serve you in your professional goals, please feel free to contact me directly so I can run it up the chain.

I hope you all have a Happy and safe Holiday season.

Your FAPG President,

Clint Noble, PG, PMP.



Awards banquet at the AIPG 60th Annual Conference



Marengo Cave in Indiana, stalactites and stalagmites around a "mirror lake" (water puddle)



Mammoth Cave System in Southern Kentucky.



Annual AIPG business meeting, representing Florida.

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CONTACT FAPG

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EDITOR'S MESSAGE

We continue to have a lot to share with our members and the entire Florida professional geologist community. This issue we continue telling the important story of where FAPG came from, thanks to Dr. Tom Herbert who was there in the very beginning! Thanks again to all who contributed to this issue and to this issue's sponsors Johnson Well Screens, Ambient Technologies, and Pace Environmental. Please consider participating in the organization, we have many important roles to fill. Also, FAPG is seeking support through Corporate and member donations to cover incoming expenses and ongoing lobbying efforts that support our profession. Donations to the FAPG can be made at on the FAPG webpage linked by the QR code shown or here: fapg.org Sincerely, Bill Aley, P.G



BIG THANKS TO FAPG DONORS!

The Florida Association of Professional Geologists, and the Florida geology community in general, sincerely thanks the following donors for their generous support of the organization.

- Mark Novakowsky
- David Glicksberg
- Robert Kirkner
- David Giddens
- Nicholas Brown
- Maryann and Guy Civil
- Johnson Well Screens

FAPG ONLINE

 All systems go! FAPG protects, enhances and promotes the geology profession in Florida. You can find FAPG online at the following:

Facebook - @FloridaGeology 

X (formerly Twitter) - @FlaGeologists 

Website - www.fapg.org 

Hashtag - #FAPGRocks 

FL Geologists Political Committee - contribute here!

[FAPG Political Action Committee](#)

SUMMARY OF KEY 2023 FAPG ACTIVITIES:

- Lobby Days at the Capital in Feb and April 2023 educating politicians on what geologists do and need for licensure.
- Networking for CEUs bill for PG license. Drafting of CEU bill language.
- Prevented legislation from being passed that would allow non-ASBOG licensed PGs license reciprocity in FL.
- Monthly virtual leadership meetings of FAPG Board and Advisors.
- Social media postings.
- Sponsoring and Moderating SME Florida Conference – Geology Track. Selection and presentation of Hero of Industry Award (Tom Herbert). Clint Noble and Wink Winkler of FAPG are on the conference committee.
- Appointing a hydrogeologist to the Palm Beach County Groundwater and Natural Resource Protection Board.
- Aligning legislative strategy and meetings, communications for next session with our Lobbyist, Natalie Kato. Grass-roots strategy to protect and promote what geologists do in Florida.

- Protection of dissolution of license by communication of negative bills to politicians through our lobbyist.
- Teaming up with Landscape Architects and FL Groundwater Association (drillers) to tackle mutually beneficial legislation.
- Working with a new Florida PFAS coalition to have PG weigh in on PFAS contamination issues affecting the State.
- Preparation and distribution of our Newsletter.
- Obtaining Newsletter sponsors.
- Transition of Treasurer role to Kim Arnold.
- Updating / consolidation of our bank accounts.
- Obtaining donors for our Political Action Committee, registered with the State of Florida. We use this funding in specific ways to gain access/influence to lawmakers that support our practice.
- Working with the Board of Professional Geologists to secure additional appointees to their Board to keep the Board functioning.
- Idle Student Chapters – post-covid, most of our student chapters at FL Universities with Geology programs have gone idle (FSU, USF, FAU). We are seeking leaders to help these groups get re-invigorated.

FAPG ACCEPTING NOMINATIONS FOR SECRETARY POSITION

We have one Board position open for the Secretary position. Please consider submitting a nomination. It is a great opportunity to give back to your profession and boost your leadership potential. We are accepting nominations thru January 1, 2024. Please submit a resume to noblecc@cdmsmith.com

FAPG LOBBY DAY AT THE CAPITOL IN TALLAHASSEE ON DECEMBER 6, 2023

On December 6, 2023 the geologists are descending upon lawmakers in Tallahassee! Join the fun! Under the leadership of Joey McKinnon (PG) and our outstanding lobbyist, Natalie Kato, we will be taking an inside tour of the capitol in a series of short meetings with legislators, including Senators, to share/educate on the importance of the practice of Geology in their State and what we do, garnering support for our consideration in future legislation. Please contact Joey McKinnon at 843-364-4403 or l2g.joey@gmail.com if you are interested in attending/contributing to this important day that will help guide our future in Florida.



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TOM HERBERT AWARDED HERO OF THE INDUSTRY

Tom Herbert was awarded the 2023 FAPG/AIPG Hero of the Industry at the 36th Annual Florida Regional Mining Conference. Wink Winkler presented the award on October 12 at the Trinkle Center at Hillsborough Community College in Plant City, Florida. Tom participated via Zoom from Tallahassee.

The award this year is long overdue and goes to an individual who has been a leader in the Florida Mining Industry and a promoter of the geologic profession in Florida for several decades. Tom is a licensed professional geologist in Florida (PG # 5) and eight other states. He earned B.S. and M.S. degrees in Geology and a Ph.D. in Resource Development – all from Michigan State University.

Tom Herbert is Vice President for Resource Development at Lampl Herbert Consultants in Tallahassee, a firm Tom co-founded in 1978.

Tom's specializations in firm include:

- Mining Exploration and Project Due Diligence
- Resource Development Evaluation
- Oil and Gas Exploration and Production
- Solid Waste Disposal

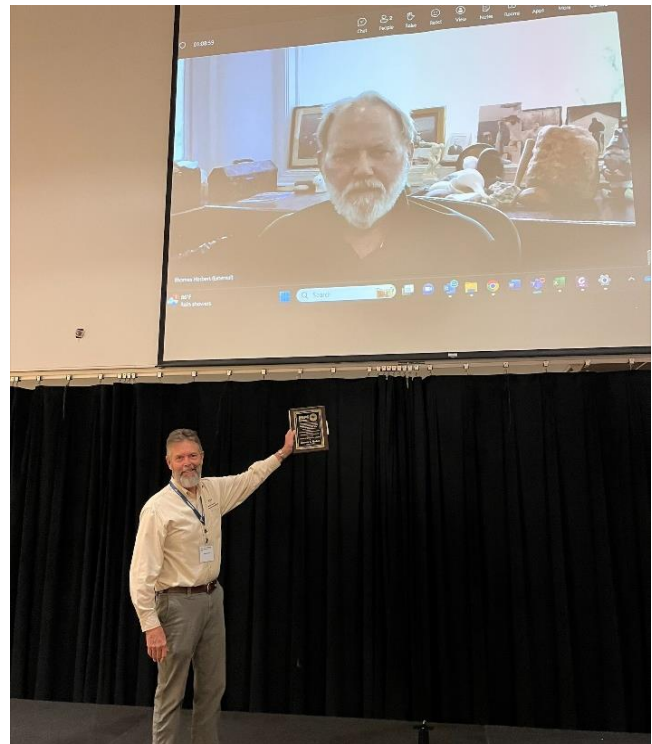


Plaque for Hero of the Industry Award presented to Dr. Tom Herbert at the 36th Annual SME Regional Mining Conference.

Tom has more than 50 years of field experience in all phases of geology, including mining, mineral evaluations, petroleum exploration, hydrogeology, water resource management, coastal geomorphology, and solid waste disposal. His extensive client base includes mining companies, state and local government agencies, private landowners, petroleum companies and financial institutions.

Tom's professional affiliations and assignments include:

- Member of the AIPG and Certified Professional Geologist for over 50 years
- Member European Federation of Geologists
- President: Florida Chapter, AIPG (1984-1986)
- Founding Member and first President of the FAPG (1996-1998)
- Member, Geological Society of America
- Member, Society of Mining, Metallurgy, and Exploration
- Galey Award in 2018 for National Public Service Award from the AIPG



FAPG member Wink Winkler virtually presenting Hero of the Industry award to Dr. Tom Herbert at 36th Annual Florida Regional Mining Conference

Many consider Tom to be the father of geologic licensure in Florida. There was a clear need for licensure and Tom's efforts resulted in a draft bill and final approval by the Florida legislature. Licensure has

contributed to improving the stature of the geologic profession and advanced the quality of geologic practice in Florida.

Tom was appointed to the first Board of Professional Geology by Governor Bob Martinez. He became the first chair in 1987 and remained an influential member of the Florida Board of Professional Geologists through 1995. His leadership was instrumental in establishing the rigor of our profession and our professional culture in Florida.

Sam Upchurch summed it up by saying:

"Few people have contributed as much to effective and sustainable exploitation of Florida's natural resources, especially with respect to petroleum and aggregates. I am proud to be his friend and enjoy our many phone calls about random geology subjects. Congratulations, Tom, on a job well done!"

BACK IN THE DAY: ORIGINS OF FAPG

By: Tom Herbert, PhD P.G., No. 5, Florida
Back in the Day
Thomas A. Herbert, PhD
Florida PG #5
CPG #2551

One day last month I received a small gift box from Colorado that included my 50-year pin for AIPG, and it got me thinking about the situation where I felt the need to be a professional. You will notice that number CPG 2551 is one of the lower numbers still practicing.

I was working in Michigan for the Highway Department studying glacial gravels and hating the wet slush of winter and even with my interest in glaciology the winters were continuing gray depression. I had some golfing buddy contacts in Florida that encouraged me to visit Tallahassee and see the lay of the land. I soon realized that the land was flat but the lack of icy slush more than made up for the topography. I made a few calls and scheduled a meeting to talk with Bud Hendry, Assistant State Geologist at the Florida Bureau of Geology (BOG), now the Florida Geological Survey (FGS), and to meet up with Bobby Timmons who I had met in 1970 at the 6th Forum on Industrial Minerals in Ann Arbor. The meeting was "burned in my brain" for the significance in my professional career.

The meeting in mid-February of 1973, was held in the brand new at the time Larson Building just south of the Capitol in the office suite of Robert Orion "Bob" Vernon, the State Geologist. Dr. Vernon was an interesting and very forceful individual.

Dr. Vernon was one of the individuals who helped organize AIPG in 1964 as did Bob Timmons. He was in his mid-60s and had been in an administrative role as the State Geologist for a long time under the State Board of Conservation and the new Department of Natural Resources. The Florida Bureau of Geology then was a stand-alone organization that was "bolted on" to the DNR for administrative purposes but the geology team ran its own show like many state surveys of the time.



Robert Orion "Bob" Vernon

Dr. Vernon ran the show with a strong hand over geology and water resources. The water management districts had yet to be rolled out in full form in 1973 but Vernon ran the show. I got that picture very quickly with his comments and the team he assembled to meet the 29-year-old kid from Michigan. The meeting attendees included Bud Hendry and Bob Timmons, Jack Woodard, Harbans Puri, Woodie Oglesby and about five other folks who made geoscience careers in Florida. From this intake meeting forward, I worked with many individuals until they retired.

I was introduced to the group and talked rocks for a few minutes when Dr. Vernon looked at me with his intense glare and said ... “are you a CPG?” To which I answered “huh”. His follow up comment was “you won’t work in Florida without the CPG credential”



Pivotal characters in Florida Hydrogeology during the mid-1940s. From left to right. Hilton Cooper (USGS), N.D. Hoy (USGS), Robert Vernon (State Geologist of Florida 1958 – 1971), Herman Gunter (State Geologist of Florida 1919 – 1958), Vic Stringfield (USGS). Photo from the archives of the late Gerry Parker.

Bobby Timmons took me aside and gave me the information on who to call in Denver and what information I would need to become a CPG. I returned to Michigan and began pulling letters of recommendation, transcripts, and work experience together. For those of you who have gone the PG route the process was about the same. I was complete and by mid-July 1973, I received the certification document.

In the fall of 1973, I moved to Florida and was soon hired by the Florida House of Representative to be the staff director of the Natural Resources Committee. My CPG certificate was on the wall behind my desk in the Capitol next to my Michigan State University diplomas. Our committee handled all the legislation involving water, oil and gas, mining and coastal zone issues and the funding to run the programs. I vividly remember the first time in April 1974, when Dr. Vernon walked into my office to lobby me for program dollars. He did not remember my life-changing encounter 14 months earlier. I remember him lifting his eyes to my “power wall” and seeing the CPG 2551 certificate nicely framed, he smiled, and he began to chat. I promised him that I would ensure that geology knowledge would be imparted to the legislators. Dr. Vernon passed the next

year but his many publications and policy decisions are lasting.

In the 1975 Legislative Session the Natural Resources Committee rolled out the first bill to create professional geology licensing. In 1984 the Florida Bureau of Geology was rebranded as the Florida Geological Survey (FGS).

With the help of Bobby Timmons, Richard Fountain, and many other geologists working primarily in phosphate at the time we finally achieved licensure in 1987. The rest is history as the profession has moved from water, to mining, to petroleum contamination, to solid waste to coastal resiliency over the years. We keep working.

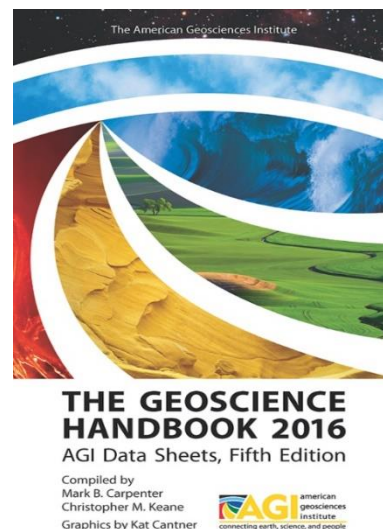
For more on Robert Orion Vernon see:

<https://rock.geosociety.org/net/documents/gsa/memorials/v06/Vernon-RO.pdf>

THE GEOSCIENCE HANDBOOK

The American Geosciences Institute (AGI) is excited to announce the availability of The Geoscience Handbook in print, as well as additional resources to assist educators, students, and the wider geoscience community.

Reprinted by popular demand, The Geoscience Handbook is now available exclusively through the AGI Online Store and is discounted 10% off retail price through October 31, 2023. Learn more about this [comprehensive resource](#), available in both a full-color spiral-bound [print](#) format and a [digital](#) edition.



Cover of now in print Geoscience Handbook

The definitive [Glossary of Geology](#) is now available exclusively as an annual web subscription. The Glossary provides students, educators, and professionals access to the precise definitions of geoscience terms. Personal web subscriptions are available [here](#). The Glossary is also available to institutions via IP access for an annual fee. Email jr@americangeosciences.org for details. This year's Earth Science Week 2023 was October 8-14, which celebrated the theme "Geoscience Innovating for Earth and People." Order your Earth Science Week Toolkit [here](#).

These and many more informative publications are available in the AGI Online Store at <https://geosciencestore.org/>.

AIPG AND THE TASK GROUP ON GLOBAL GEOSCIENCE PROFESSIONALISM

Professionalism Group (TGGGP)

Thomas A. Herbert, PhD

Florida PG #5

CPG #2551

AIPG is an active and significant player in the TGGGP group as geoscientists attempt to create formal and integrated review protocols for geologic investigations. Every day we see the media pushing electric vehicles and battery technology which means more mining and investment around the world. The investments need to be vetted under protocols such as the SME Standards and Guidelines for Valuation of Mineral properties. There are many countries with similar regulations including South Africa, Canada, Australia, the European Federation of Geologists, and the US. The direction of GGPG is to provide uniformity and reciprocity across the globe. Under the plan, a CPG from the United States could bring experience to the search for critical minerals

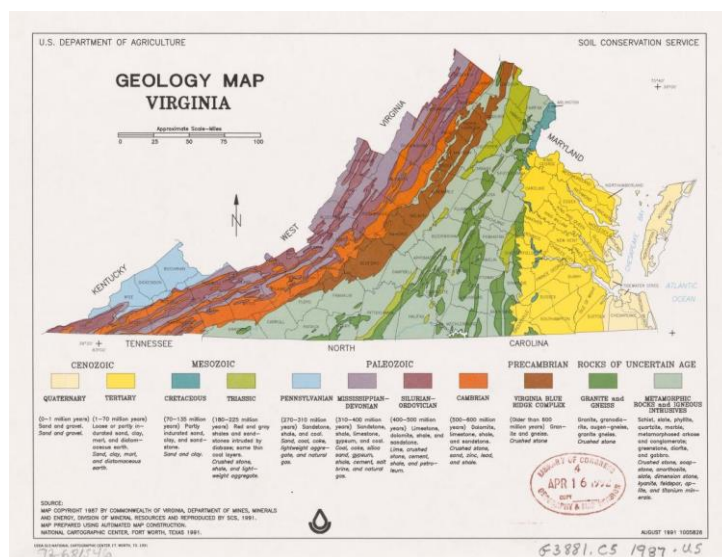


countries will be assured the qualified persons are reviewing the resources.

I was appointed by Aaron Johnson, AIPG director, to help with this task. My first task was a Zoom meeting that crossed about ten time zones to discuss the steps ahead. It was fun. If any Florida geoscientists would like to become involved and canvass the globe, we need some help. I can be reached at (850) 443-4262 for more details.

VIRGINIA GEOLOGIST WORKGROUP

The certification of Geologists is under the threat of elimination in Virginia by the Governor's policy on occupational regulation. During the 2023 General Assembly, a Bill was introduced that called for the elimination of the Certification of Geologists in Virginia. This created a ground swell of support for maintaining Virginia's certification program and the Bill was defeated for the calendar year (Passed by Indefinitely) due to a successful letter campaign. Seizing on the support garnered during the 2023 General Assembly, a small group of Geologists (The Virginia Geologist Workgroup) along with the Association of Environmental and Engineering Geologists (AEG) have banded together to pursue legislation that strengthens the certification and practice of geology within the Commonwealth.



Geologic map of Virginia.

in many countries that lack geology licensure. Investor



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FLORIDA GEOLOGICAL SURVEY SPECIAL PUBLICATION 59 - FLORIDA GEOMORPHOLOGY ATLAS

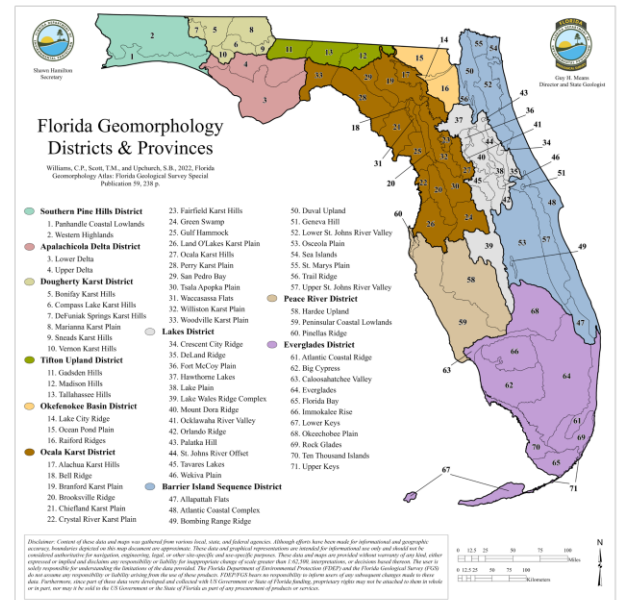
Geomorphology is the study of landforms and how the evolution of these features has shaped the earth's surface. It involves identifying, describing, and classifying landforms (particularly, the relationship of their geology and topography to the geologic processes that shape the landscape). Florida's near-surface geology primarily consists of limestone overlain by siliciclastic (non-carbonate) sediments. These sediments form the surficial cover that has been modified by coastal, aeolian, fluvial and karst processes to create the distinctive ridges, swales, dunes, marine terraces, marine escarpments, sinkholes, springs, karst escarpments and other karst landforms common to Florida.

Years of Florida Geological Survey (FGS) geologists' experience showed the need for a detailed discussion of the State's geomorphology. Only cursory discussions, maps and details were available from previous geomorphology investigations in Florida. Beginning in the early 2000s, under State Geologist Walt Schmidt, Tom Scott began a detailed investigation of the State's landforms. Christopher Williams continued the research under State Geologist Jon Arthur. Christopher Williams, Tom Scott, and Sam Upchurch completed the project and published the results online in 2022 under State Geologist Harley Means.

The importance of geomorphologic mapping in Florida is to ascertain how the geology and geologic processes have shaped the state's unique landscape. Special Publication 59, "Florida Geomorphology Atlas," is the first publication with a systematic listing and description of statewide, regionally classified landforms whose boundaries have been discretely and rigorously defined. Florida's geomorphic features are divided into districts and further subdivided into provinces. Districts are large areas where landforms are genetically related. Provinces contain landforms that are even more genetically similar than at the district level. Ten districts are recognized in Florida. The districts are divided into 71 provinces. The districts contain from as few as two provinces in the Apalachicola Delta District and Southern Pine Hills District to as many as 17 provinces in the Ocala Karst District.

Districts include broader sets of geomorphic landforms and features that extend across the state line into

Alabama and Georgia. For this investigation, the names for the features in Georgia (Clark and Zisa, 1976) and Alabama (Drahovzal, 1968) are employed for the sake of consistency across state lines. Names for districts that extend across the state line include the Southern Pine Hills District, Dougherty Plain District (changed to Dougherty Karst District in Florida due to the change in landform character toward the southern boundary in the northern Florida Panhandle), Tifton Upland District, Okefenokee Basin District, and Barrier Island Sequence



Florida Geomorphology Map – FGS Special Publication 59.

District. The extension of these features into Florida is discussed in more detail in this investigation's district and province discussions.

Provinces are subdivisions of districts. For example, the Brooksville Ridge Province is within the Ocala Karst District. It is a distinctive karstic ridge that rises above karst plains to the east and west. Each of the plains is characterized by relatively low elevations, numerous sinkholes, springs, and other karst landforms, and are separated from each other by major streams or other geomorphic boundaries. Each province is topographically distinctive and, for the most part, separated from neighboring provinces by changes in elevation, drainage ways, and origins of common landforms.

The defined districts and provinces include areas that are correlated to near-surface geology that has influenced landform formation and notable landform

and topographic distinctions at district and province boundaries. The geologic processes that have influenced landform development are also discussed. The Florida Geomorphology Atlas allows readers to learn about the distinct landforms that are found throughout Florida and ascertain the landform variability and underlying geology unique to each geomorphic district and province. Special Publication 59 is not intended for site-specific applications, but to paint a local and regional picture of Florida's landforms and related geology and geologic processes that have shaped, and continue to shape, Florida as we know it today.

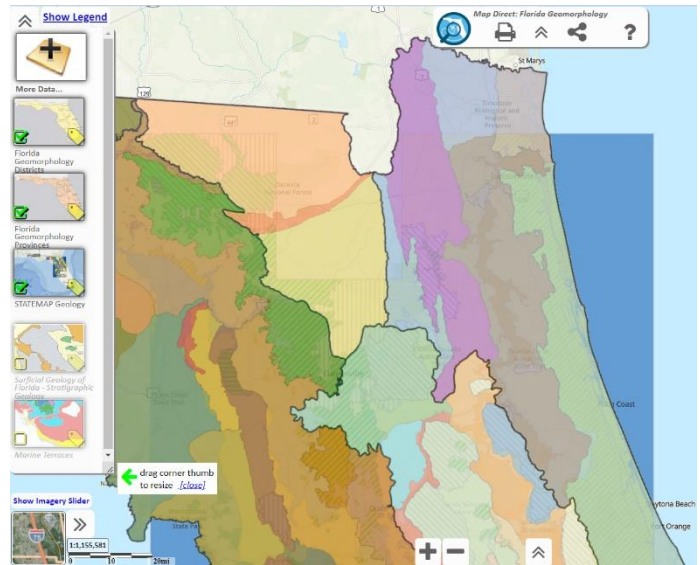
The Florida Geological Survey's Special Publication 59, "Florida Geomorphology Atlas," is a digital publication with a web page and a WebApp interactive map that enables users to browse and search areas of interest and link to specific, descriptive text for a selected district or province. The text can also be read cover-to-cover to gain statewide knowledge. There are many types of base maps one can use beneath the data to gain different perspectives. An elevation profile tool helps visualize topographic change along a topographic profile across an area. The GIS data for the districts and provinces are downloadable from the website. Also, there is a "Tips and Tricks" document to aid in using the WebApp.

<https://experience.arcgis.com/experience/3fc273fccab8499083960daf7f1207a7/?draft=true>

Contact: [Christopher P. Williams, Ph.D., P.G.](#)

Clark, W.Z., Jr., and Zisa, A.C., 1976, Physiographic map of Georgia: Georgia Department of Natural Resources, the Geologic and Water Resources Division, scale 1:2,000,000, 1 sheet.

Drahovzal, J.A., 1968, Physiography of Alabama, in Copeland, C.W., ed., Geology of the Alabama Coastal Plain, a guidebook: Geological Survey of Alabama Circular 47, p. 7-15.



Florida Geomorphology Web Atlas page – FGS Special Publication 59.

36TH ANNUAL FLSME REGIONAL MINING CONFERENCE

Greetings FAPG members, this year's Regional Mining Conference was held October 11-12 in Plant City. FAPG Board Advisor, Charles Drake chaired/moderated the Geology & Mine Planning session as a representative of AIPG-FAPG at the conference. The conference was organized by the Florida Section of the Society for Mining, Metallurgy & Exploration (FLSME), with the support from the AIChE, AFPC and FAPG-AIPG.



Presenters were from mining companies, geologists, engineers, chemists, surveyors, MSHA trainers and regulatory agencies.

The Geology and Mine Planning presentations were as follows:

- *UAV Systems for 3D Mapping of GPS-Denied Underground Mines* by Dr. Richard Bishop, Professor of Practice, Mining Engineering at Virginia Tech.
- *A Fully 3-Dimensional Integrated Groundwater Model for MFL & Water Resource Development Project Evaluations* by Fatih Gordu, Chief Water Resource Engineer at SJRWMD.
- *Update on the Evolve Central Appalachia REE & CM Project* by Dr. Richard Bishop, Professor of Practice, Mining Engineering at Virginia Tech.
- *Lakeland Northeast Wellfield History and Unique Geology* by Charles Drake, VP RSI Division / Hydrogeologist at Tetrattech.

The conference is a key event for mining industry representatives and associated service firms to gain important industry knowledge and exchange ideas. Presentations were given in these subject areas:

mineral processing, chemical processing, safety, environmental issues, reclamation, mining, geology regulatory and permitting, analytical, digitization, AI and process control.

As reported earlier in this newsletter, Dr. Thomas Herbert was presented with the AIPG-FAPG Hero of the Industry award at the conference.

For more info visit the website:

[36th Annual FLSME Regional Mining Conference | FLSME](#)

	SME/AIME	FAPG-AIPG	AICHE	AFPC
2022 - 37th	Kenny Miller		James Byrd	Kevin Sapp
2021 - 36th				
2020 - 35th	John Keating	Gary Gavie	Paul Kucera	Patricia Walsh
2019 - 34th	Tom Myers		Vaughn Astley	Joe Glikson
2018 - 33rd	Leon Seale	Fred Pirkle	Neil Greenwood	Paul McAfee
2017 - 32nd	Seng Yap	Mike DeNeve	John Ellington	Barbara James
2016 - 31st	Chaucer Hwang	Matt Lewis	Richard L. Davis	Mark Lynch
2015 - 30th	Nick Katzaras	Allen T. Truesdell	Dave Sabatino	Dennis Sebastian
2014 - 29th	Reab Berry	Marc Hurst	Andrea Williams	Hugh Rodriguez
2013 - 28th	James P. Morris	Sam Upchurch	Leroy E. Williams	Art Espinosa
2012 - 27th	Paul Clifford	Tom Abel	Paul S. Waters	Sanford Siegel
2011 - 26th	Don Tompkins	Curt Simmons	Sam Houghtaling	John Gibson
2010 - 25th			Roger Fernandez	
2009 - 24th	R.C. Albritton	Joe Alex III	Robert W. Andrew	Lovie Hudson
2008 - 23rd	David Gossett	Bonnie Dodson	Joseph Schneider	Edward Linde
2007 - 22nd	Karen Swager	William Stewart	G. Michael Lloyd, Jr.	William Hall
2006 - 21st	Ronald Hartung	Wink Winkler	Miguel DeJesus	John Jernigan
2005 - 20th	Jim Sampson	Bob Goodrich	Ron Delavan	Don Jernigan
2004 - 19th	Edmund Finch		Chris Earl	David Averitt
2003 - 18th	Glenn Gruber		Dick Fett	Harold Falls
2002 - 17th	John Garlanger	John Maddry	Frank Buzzanca	Ken Parks
2001 - 16th	George Weinman		Craig Pflaum	Charles Thornton
2000 - 15th	John Paugh	John R. Walter	Dave Leshon	
1999 - 14th	Roy Duval	Henry Lamb	Randy Charlot	
1998 - 13th	Lee Thurner	Leonard Burnett	Regis Stana	
1997 - 12th	Tom Leto	Jon Courtney	William Cook	
1996 - 11th	Ron Wiegel	Eric Norman	Don Clark	
1995 - 10th	Maywood Chesson	Walter Schmidt	Frank Arroyo Sr.	
1994 - 9th	Clint Hollingsworth	Lonnie Engel	Gerald Rubin	
1993 - 8th	Selwyn Presnel	Don Crissinger	Gordon Palm	
1992 - 7th	Fred Myers	Tom Scott	Edward Newburg	
1991 - 6th	Dan Lynch	Rick Powers	Les Bromwell	
1990 - 5th	Richard Hunter	Richard Fountain	Jim Williams	
1989 - 4th	A.L. Holmes	Tom Patterson	Don Chamberlain	
1988 - 3rd	Don Morrow	John Paugh	Arthur Hansen	
1987 - 2nd	Colin Campbell	James Cathcart	Ray Garcia	
1986 - 1st	Dave Raden			

Previous Years' Recipients of the FAPG-AIPG Hero of the Industry Award.

STUDENT CHAPTER UPDATES!

The fall semester has begun! FAPG would like to include a student chapter update in the next newsletter. We encourage student chapters to send us photos and a paragraph or two about your plans for the year, field trips, participation in conferences, and summer field camp/field work adventures. Please send any photos and write-ups to the editor at editor@fapg.org.

FAPG LEADERSHIP OPPORTUNITIES

Have you ever considered serving in a leadership role for a professional organization? FAPG currently has vacant Board positions we're looking to fill. And we always welcome geologists—from current students to those who first picked up a Brunton during the late Cretaceous period—who would like to help with FAPG activities outside of a formal officer role. Current areas in need of assistance are Web Master, Secretary (vacant Board position!), student chapter liaisons, field trip organizers, Board Advisors. Please reach out to William Aley at editor@fapg.org if you're interested.

SPONSORSHIP OPPORTUNITIES

The FAPG's mission is to protect, enhance, and promote the geology profession in the State of Florida. We accomplish our mission by educating and lobbying state legislators on issues affecting geologists in Florida. The last several years have required extra lobbying efforts due to ongoing efforts to deregulate the practice of Professional Geology, along with many other professions. FAPG is seeking support through Corporate Donations to cover expenses and future lobbying and outreach efforts.

Please consider Sponsoring FAPG! Get your company's name and logo in the newsletter, support our legislative efforts, and support our student scholarship opportunities! Sponsor logos and ads will be posted on our website (www.fapg.org) and as ads included in e-mails and all newsletters.

Quarter Page (\$200/year)

Half Page (\$500/year)

Full Page (\$1000/year)

Contact FAPG for more information: editor@fapg.org

ADDITIONAL GEOLOGIC RESOURCES

American Geosciences Institute (AGI)

<https://www.americangeosciences.org/>

American Geophysical Union (AGU)

<https://www.agu.org/>

American Institute of Professional Geologists (AIPG)

aipg.org

Association of Environmental and Engineering Geologists (AEG)

<https://www.aegweb.org/>

Southeastern Geological Society (SEGS)

<https://segs.org/>

Florida Geologic Survey (FGS) <https://floridadep.gov/fgs>

Florida Museum of Natural History

<https://www.floridamuseum.ufl.edu/>

Florida Society of Mining Engineers (FLSME)

<http://flsme.org/>

National Association of State Boards of Geology (ASBOG)

<https://www.asbog.org/>

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