• Geoinformatics (and Data Science?) at GSA (Take the poll)
• Annual Meeting in Indianapolis, November 4-7, 2018 (Submit your abstracts by August 14, 2018!)
• Who are the Geoinformatics Officers?
• Join the Geoinformatics Leadership Team
• GSA 2018 Annual Meeting Sessions with Geoinformatics Discipline, Sponsor, or Co-sponsor
• GSA 2018 Annual Meeting Short Courses with an element of Geoinformatics
• Student Opportunities

GEOINFORMATICS (AND DATA SCIENCE?) AT GSA

GSA's Geoinformatics Division (est. 2006) advances "Data to Knowledge." Read more about the Division's purpose at http://community.geosociety.org/geoinformaticsdivision/aboutus/about.

Each year we like to hear from our members on the direction of the division. In last year's survey, we selected a new logo and you told us what geoinformatics topics you would like covered at future annual meetings. Your answers included mobile apps, artificial intelligence, and data management training, which are included in this year's schedule of proposed sessions!

This year we'd like to hear if you think the division should expand its focus by changing its name to the "Geoinformatics and Data Science Division". If we get enough interest in this change, we will include the question on an official ballot to division members later this summer.

Tell us at this poll: Do you think the division should change its name to the Geoinformatics and Data Science Division?
ANNUAL MEETING IN INDIANAPOLIS, NOVEMBER 4-7, 2018

THE 2018 GSA ANNUAL MEETING is in Indianapolis from November 4-7. Join the Geoinformatics Division for topical sessions, poster sessions, our business meeting, a joint reception with GSIS, THE GEOSCIENCE INFORMATION SOCIETY, and our Division booth in the exhibit hall.

Abstracts are due August 14, 2018! We’d like to draw your attention to a few sessions:

P1. Earth As a Big Data Puzzle: Advancing Information Frontiers in Geoscience showcasing the software, practices, linkages, culture, and other resources that together form the ecosystem for data-driven geoscience

T26. Geoscience Apps on the Web and in Your Hand (Posters) : Mobile and web applications are increasingly being used to access and collect geoscience data. We encourage submission by the creators and users of these applications. Demonstrations are also encouraged.

T41. FAIR Data—What Can Geoinformatics Do? FAIR (Findable, Accessible, Interoperable, Reusable) data are essential for scientific integrity. Practicing geoscientists will demonstrate how they integrate geoinformatics into their research, emphasizing ways that they are able to make their data FAIR.

T42. Data Science for Geosciences: Advancing Geoscience Research in the Cyberinfrastructure Themed on data science for geosciences, this session welcomes submissions of both theoretical and practical topics in geo, informatics, and geoinformatics studies.

See a list of all Annual Meeting sessions with Geoinformatics Discipline, Sponsor, or Co-sponsor at the end of this newsletter.

WHO ARE THE GEOINFORMATICS OFFICERS?

Past chair: Denise Hills, Geological Survey of Alabama
Chair: Leslie Hsu, U.S. Geological Survey
Vice Chair: Marshall Ma, University of Idaho
Secretary-Treasurer: Anders Noren, University of Minnesota
Student Representative: Shane Loeffler, University of Minnesota
JOIN THE GEOINFORMATICS LEADERSHIP TEAM

Come help steer the Geoinformatics Division, one of the newest Divisions at GSA. Let us know if you’d be interested in running for a Geoinformatics Officer position. The officers help to determine meeting sessions and events, awards, and other information distributed to the division membership.

The Vice-Chair advances to the Chair, and then Past-Chair positions, providing continuity and making it a three year commitment. The Secretary-Treasurer is a two-year term, and the Student Representative is a one-year term.

This year, there are openings at the Vice-Chair, Secretary-Treasurer and Student Representative positions.

If you are interested, contact max@uidaho.edu by June 20, 2018.

Also, anyone can join us at our business meeting in Indianapolis. Keep an eye out for email and an announcement on the DIVISION'S CONNECTED COMMUNITY for more information closer to the Annual Meeting.

GSA 2018 ANNUAL MEETING SESSIONS LISTED UNDER THE GEOINFORMATICS DISCIPLINE

VIEW ALL SESSIONS. Submit your abstracts by August 14, 2018!

T22. Changing Information Needs in the Geosciences
T25. Geoscience Information Needs in Education and Research (Posters)
T26. Geoscience Apps on the Web and in Your Hand (Posters)
T39. Innovations in Web-Delivery and Discovery of Geoscience Data and Maps (Posters)
T40. Machine-Learning and Artificial-Intelligence Applications in the Geosciences
T41. FAIR Data—What Can Geoinformatics Do?
T42. Data Science for Geosciences: Advancing Geoscience Research in the Cyberinfrastructure
T67. Societal Benefits of Application-Specific Geologic Map Derivatives
T98. Satellite Remote Sensing Applications in Hydrology and Geology

T101. Advances in Data Discovery and Analysis for Hydrogeology

T155. Big Data in Planetary Geology

ADDITIONAL SESSIONS CO-SPONSORED BY THE GEOINFORMATICS DIVISION

T19. Geologic Maps and Their Derivatives (Posters)

T23. Current Developments in Geological Mapping

T145. Apollo 17 Forty-Five Years on: Reanalysis of the Geochemistry, Geophysics, and Field Geology in Light of Data from the Lunar Reconnaissance Orbiter and Other Recent Missions


T52. Techniques and Applications of Digital Elevation Models and Derivative Products to Understand Fluvial Systems

T53. High-Resolution Datasets for Fluvial and Hillslope Processes and Landforms: Frontiers of Remotely Sensed Data

T57. Undergraduate Research Talks: The Next Step in Student Research Projects

T60. Revolutions in Remote Sensing: Applications of UAVs to Field Mapping and Surface Analytics


T89. Using Technology to Solve Geological Problems

T96. Large Watershed to National Scale Data and Science for Water Management

T104. Environmental Geophysics: Tools and Applications


T178. Geologic Mapping in the Twenty-First Century: Innovative Applications of Technology and Strategies to Aid Field-Based Studies

Division web page:

HTTP://COMMUNITY.GEOSOCIETY.ORG/GEOINFORMATICSDIVISION/HOME
STUDENT OPPORTUNITIES

GSA STUDENT RESEARCH GRANTS

Did you know that any GSA student member can apply for research grants through GSA?

HTTPS://WWW.GEOSOCIETY.ORG/GSA/EDUCATION_CAREERS/GRANTS_SCHOLARSHIPS/RESEARCH_GRANTS/GSA/GRANTS/GRADGRANTS.ASPX

From the website: The primary role of the GSA research grants program is to provide partial support of master's and doctoral thesis research in the geological sciences for graduate students enrolled in universities in the United States, Canada, Mexico and Central America. In 2017, $692,164 was awarded to 395 graduate students (50% of the 785 who applied), with an average grant of $1,752.

The application system for 2019 grants opens on 1 December 2018. The application deadline is 1 February 2019.

COMPUTERS & GEOSCIENCES RESEARCH SCHOLARSHIP

(Okay - our newsletter is a little late for this one but hopefully you saw the announcement from Marshall earlier. Keep it in mind for next year! -LH)

Between two and four Computers & Geosciences Research Scholarships will be awarded every year, to early career scientists (postgraduate students i.e. Masters or Doctoral candidates, or Post-Doctoral researchers) working in the field of computational geosciences or geoinformatics. The total annual budget for these scholarships is US$10,000.

Applications must be completed each year by 31st May. Details about the grant and the online application form can be found here:

HTTPS://IAMG.ORG/STUDENT-AFFAIRS/STUDENT-AND-POSTDOCTORAL-RESEARCH-GRANTS/2-UNCATEGORISED/168-C-G-GRANT-GUIDELINES.HTML