

Science to Action Activities

at the AGU Fall Meeting, Dec 9-13, 2019

Check out the work being done to help communities thrive by increasing science engagement. Activities include talks, posters, panels and discussion opportunities (distinguished by different colors below), workshops, networking events, and more (times noted below and described further on the back page). Search the schedule for “Science to Action” or <http://thrivingearthexchange.org/fall-meeting-2019> for more details. We invite you to be part of the conversation!

Sessions GH12A, GH13D; Water in the Coupled Earth-Human System: Convergent Science Addressing Societal Water and Health Needs; organizers: van Geen, Yu, Pendall, Kaatz

Union Session U14B; Water in the Coupled Earth-Human System: Convergent Science, Decision-Making, and Community Action; organizers: Freeman, Vano, Yang, Filippelli, Pandya, Pendall

Town Hall TH15L; Water in the Coupled Earth-Human System: Leveraging Convergence to Move Science to Action to Support a Healthy Environment and Safe Water System; organizers: Vano, Tyler, Miller, Pendall, Yang, Freeman

Sessions PA22A, PA23A; Building Capacity and Promoting Data Access to Support Applications of Earth Observation Data in Environmental Management Decision-Making; organizers: Childs-Gleason, Searby, Hernández, Ross

Session TT22B; Science to Action: How to Work with Communities and Make an Impact; organizers: Vano, Pandya, Science to Action group

Session PA23C; Science to Action: Communication of Science: Practice, Research, and Reflection; organizers: Roop, Illingworth, Timm, Cook

Session U23D; Panel II: Earth Science/Earth Covering Science Solutions for the Future: Technologies and Resources; organizers: Pandya

Sessions PA31A, PA33C; Actionable Climate Tools and Data: Rigorous, Accessible Products Tailored to User Needs; organizers: Doherty, Schmit-Poolman, Herring, Miro

Sessions PA31G, PA34A; Science to Action: Enabling Science- and Data-Driven Water Decisions; organizers: Jenkins, Granger, Cooley

Session ED31E; Science to Action: Learning Ecosystems as a Pathway to Resilient Communities and a Diverse Geoscience Workforce; organizers: Manduca, Manning, Turrin, Pandya

Sessions PA31H, PA34B, PA53B; Science to Action: Enabling Science to Have Social Impact Through Innovations by Individuals, Organizations, and Research Programs; organizers: Ferguson, Behar, Jennings, Friedl

Sessions PA41F, PA44B; Native Science to Action: How Indigenous Perspectives Inform, Diversify, and Build Capacity in Environmental Science and Policy; organizers: Emanuel, David-Chavez, Pete

Sessions PA42A, PA43E, PA53C; Science to Action: Measuring Resilience Progress and Outcomes: A Discussion Between Theory and Practice; organizers: Clavin, Jacobson, Steele, Stults, Elias, Swanston, Sylak-Glassman, Johnson

Session PA51B; Advancing the Science of Science to Action; organizers: Arnott, Moss

Sessions PA52A; Science to Action: Scientists as Citizens Contributing Skills to Policy Making; organizers: Zamzow, Varga, Garg

Sessions PA51E, PA53A, PA54C; Science to Action: Transformative Partnerships to Advance Decision-Relevant Science; organizers: Reyes, Varga, Menezes, Schifman, Hermes, Lautz

	Monday	Tuesday	Wednesday	Thursday	Friday
08:00-10:00			11 posters ED31E tour begins at poster 1001 at 09:00	8 posters PA41F tour begins at poster 1166 at TBD	9 talks PA51B eLighting Theater II
10:20-12:20	8 talks GH12A Moscone W 2020	11 talks PA22A Moscone S 301-302	16 posters PA31H & PA31G tour at poster 1084 at 10:20 Poster Hall	7 talks PA42A Moscone S 301-302	21 posters PA51E tour at poster 0914 at 09:00
lunch 12:30 - 13:30		tutorial 10:50-11:20 Moscone S 104-105	Workshop Community Science 101 10-12:00 (details on back)	Centennial Day for Science Nexus Neighborhood (details on back)	panel PA52A Moscone S 301-302
13:40-15:40	7 posters GH13D Poster Hall tour begins at poster 1069 begins at 15:00	27 posters PA23A & PA23C tour begins at poster 1147 at 14:00 Poster Hall	19 posters PA33C	6 posters PA43E tour at poster 1183 at 14:00	17 talks PA53B&C eLighting Theater II
16:00-18:00	panel U14B Moscone S 303-304	panel U23D 15:50-16:50 Cent. Hall D	21 talks PA34A Moscone W 2010	8 talks PA44B Moscone S 301-302	11 talks PA53A Moscone S 301-302
evening	Town Hall TH15L 18:15-19:15 Moscone W 3002 Social Hour Thirsty Bear 661 Howard St 19:30-20:30	SIPS reception 18:00-20:00 (details on back) Building a Community Science Movement Reception Grand Hyatt, Grand West, Ballroom Level 18:00-21:00	IgniteAGU 645 Harrison St., 4 th floor 18:30-20:30 (details on back) Indigenous Knowledges Networking Reception The W Hotel, Room TBD 18:30-20:30	Early Career/Student Networking & Trivia hosted by Hydrology, Global Env. Change, GeoHealth, SIPS Marriott Marquis Salons 12-15 Lower B2 18:30-20:00	8 talks PA54C eLighting Theater II

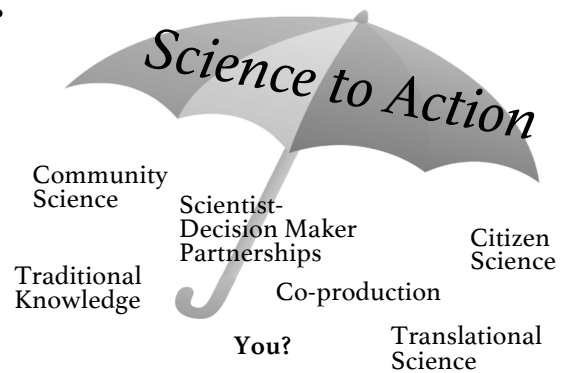
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more details...

What is Science to Action at AGU?

The American Geophysical Union (AGU) Fall Meeting is the largest Earth and space science gathering in the world, with approximately 24,000 attendees annually. Within this meeting, a group of members are planning a collection of sessions, workshops, and networking events that are about **how we connect science with action through partnering with communities and working with decision makers.**

Our goal is to help communities thrive by increasing science engagement to improve daily life and better confront concerns posed by extreme events, climate and land cover change, and natural hazards.



What are poster session tours?

We ask people, including all the poster presenters in the session, to gather at a specific time and poster (noted on the schedule). The first person shares their highlights (in ~2 minutes) and then the tour moves to the next poster. These short talks provide a nice overview of all the research in the session, and also give poster presenters an opportunity to hear from each other. Plus, after the tour, you can return to any poster to learn more and ask detailed questions.

Centennial Central Details

To celebrate AGU's 100th, Centennial Central (Moscone South, Hall D) will be a hub of bonus programming and activities. Daily themes include: Earth Interior (Mon), Earth Covering (Tue), Beyond Earth (Wed), Science Nexus (Thu), and Science for the benefit of humanity (Fri). Thursday's Science Nexus activities include: U41B Value of Diversity in Team Science (9:00-10:00), U42A Panels on Parenthood and Harassment in the Sciences (10:20-12:20), U43C Career Panel and Networking (12:30-13:30), U43A Earth Science Data at the Nexus of Science, Policy, and Society (13:40-15:40), U43F Science + Society = Innovation (Celebrate Stage 13:40-14:40), and U44 Science and Society Panel Discussion and Networking (16:00-18:00).

Other Activities

Meeting-and-greet presentations at the AGU Central Booth: Monday 14:00-15:00 (About Thriving Earth Exchange); Tuesday 16:00-17:00 (Community Science Fellowship); Wednesday 16:00-17:00 (About Thriving Earth Exchange); Thursday 12:00-13:00 (Scientist Recruitment)

Workshop on Community Science 101: Practical Tips and Real-World Strategies for Engaging with Communities; Wednesday at 10-12:00, Location: Marriott Marquis, Golden Gate B, B2; organizer: Thriving Earth Exchange; Learn about and practice best practices for community engagement. All experience levels welcome!

Societal Impacts and Policy Science (SIPS) Business Meeting and Reception: Tuesday at 18:30 - 20:00, Location: Marriott Marquis, Foothill C L2; tickets required with meeting registration.

IgniteAGU: Wednesday at 18-20:30, a science storytelling event hosted by NASA's Applied Sciences Program and Earth Science Information Partners (ESIP); Location: Planet Headquarters, 645 Harrison St., 4th floor. Pre-registration required at: <https://www.esipfed.org/igniteagu2019>.

How to connect at and beyond the Fall Meeting

Connect around Moscone: This year we have *Science to Action*, *Community Science*, and *Thriving Earth Exchange* ribbons. Pick yours up at the ribbon kiosk near registration or at any Thriving Earth Exchange event so you can more easily connect with other science-to-action folks throughout the meeting.

Monthly science-to-action connections in 2020: To help conversations continue beyond Fall Meeting, we are trying something new. Each month for the first 6 of 2020, we will host a virtual coffee/tea hour. The first half hour will focus on specifics on a project, a tool, a program, etc. of interest to those doing science engagement, then the second half hour will be reserved for open mic to share opportunities, concerns, coordinate efforts, etc. Interested in joining, contact Julie: jvano@agci.org and join the tutorial on Tuesday at 10:50-11:20 in Moscone S 104-105 to decide our first 6 topics.

Volunteering with Thriving Earth Exchange: Do you want to use science to make a difference? TEX is a network of people connecting, launching projects, solving projects and sharing results. Sign up for their **Volunteer Scientist Network** to be the first to learn about new projects needing their expertise. Apply for a **Community Science Fellowship** to receive training and the opportunity to design and manage a new project. More information at: <https://thrivingearthexchange.org/scientists>.

Convergent Science for Water and Health Technical Committee: Does your work include cross-disciplinary partnerships to address specific and compelling societal problems tied to water and health? SIPS, Hydrology, GeoHealth, and Biogeosciences sections are working to envision a Technical Committee on Convergent Science for Water and Health to help cross disciplines effectively within AGU. Interested? Sign up to learn more: <https://forms.gle/YUQiT3uc7jZY3H2V6> and join us at the Town Hall on Monday (TH15L, 18:15-19:15, Moscone W 3002).

Student spotlights of science and society experiences: Are you a student (or know a student) involved in exciting work at the interface of science and society? Would you like to share these experiences and insights with the broader AGU community? If so, let us know! SIPS wants to feature student members' work on its webpage. Fill out this quick survey and we'll be in touch: <https://tinyurl.com/u2rdhxt>

Check https://global-change.github.io/science_to_action for updates to this schedule as the meeting approaches.