

Earth Science Week 2024: Earth Science Everywhere

October 13-19, 2024
Highlights Report

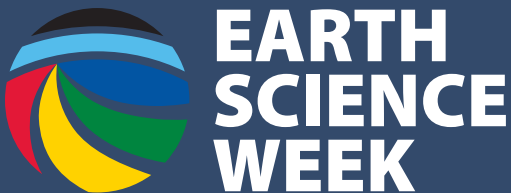
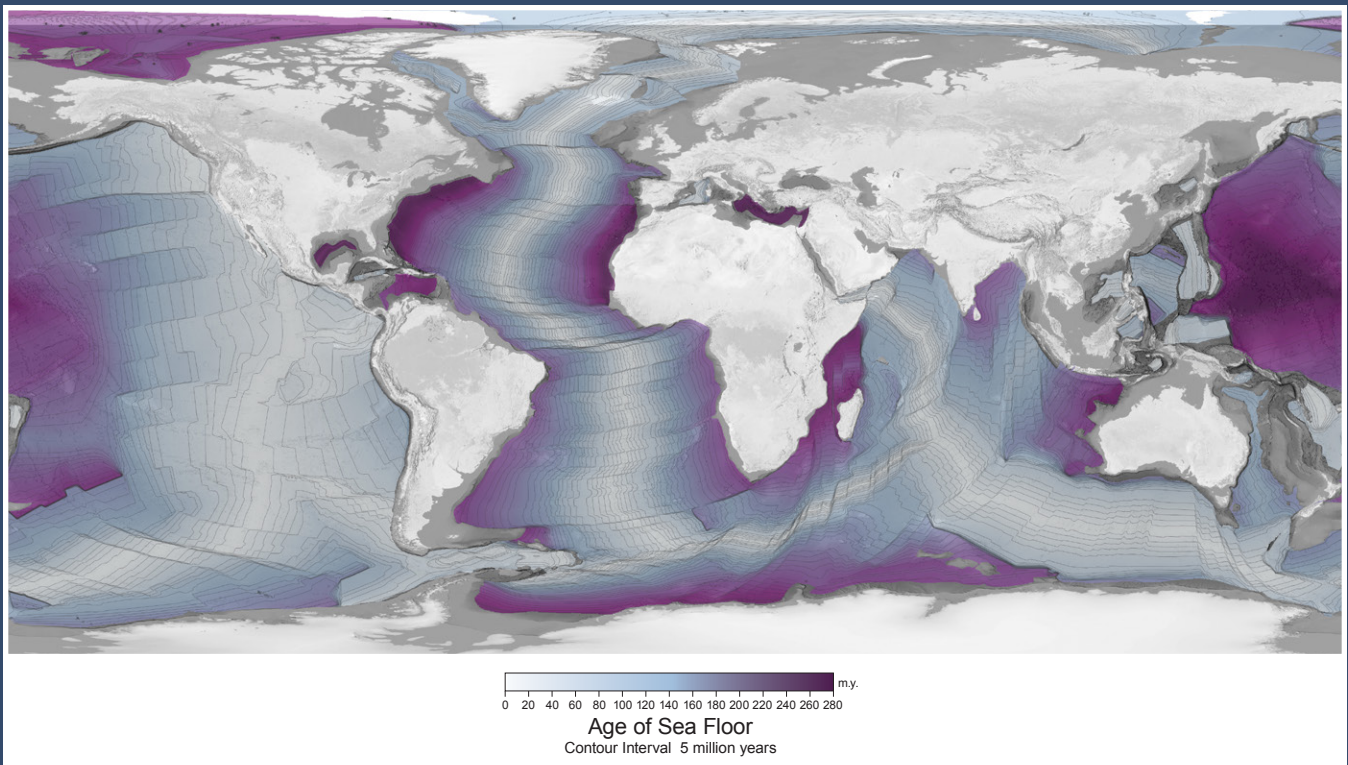




Photo by Kathy Yang, for the 2024 ESW Photography Contest (Cropped portion of original artwork shown above.)

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See Our News Coverage

Because of the large and increasing number of news clippings citing Earth Science Week activities and resources, the print edition of the Highlights report no longer includes clippings. To view the hundreds of press releases and news items promoting awareness of Earth Science Week each year, please visit online at: www.earthsciweek.org/support/highlights.

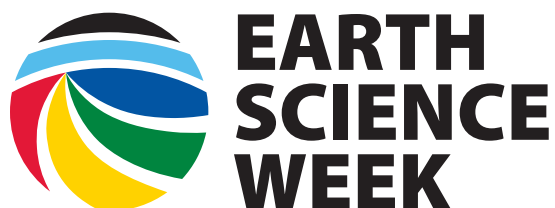
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Front cover image: NOAA Science on a Sphere/NOAA National Centers for Environmental Information.



Highlights Report: Earth Science Week 2024 Introduction



Photo by Alex Xu, for the 2024 ESW Photography Contest. (Cropped portion of original artwork shown above.)

Held October 13–19, 2024, the 27th annual **Earth Science Week** celebrated the theme of “**Earth Science Everywhere.**” The 2024 event emphasized the many ways that innovations in the geosciences are helping communities create healthier and increasingly sustainable lives, while accelerating environmental problem-solving around the world. Earth Science Week 2024 learning resources and activities engaged young people and others in exploring the many ways that Earth science innovations benefit people and the planet. Individuals of all backgrounds, ages, and abilities were invited to enhance their understanding of established and emerging technologies and techniques used by geoscientists — including how they play a growing role in society through developing stable infrastructure; fostering sustainable water, mineral and energy resources; analyzing and applying data about the Earth; and keeping people safe from natural hazards.

AGI organizes Earth Science Week as a service to member societies, with generous help from partners that provide funding, donate materials, organize events, and publicize the event. Sponsors in 2024 included:

- U.S. Geological Survey (USGS);
- American Association of Petroleum Geologists (AAPG) Foundation;
- National Aeronautics and Space Administration (NASA);
- National Park Service;
- ExxonMobil;
- Geological Society of America (GSA);
- American Geophysical Union (AGU);
- Society for Mining, Metallurgy and Exploration (SME);
- American Meteorological Society;
- American Geosciences Institute;
- Natural Resources Conservation Service;
- AmericaView; and
- Common Ground.

The success of Earth Science Week depends on the collaboration and support of many partners. AGI thanks our ESW partners who have contributed materials to the Earth Science Week toolkit, contributed to the production of an ESW poster or calendar, participated in an ESW webinar, or were otherwise actively involved in ESW. Visit the AGI Toolkit website to see the list of the materials.

AGI is always looking for new partners and organizations to be involved in Earth Science Week. This year, there were 9 new organizations, indicated below by the inclusion of an asterisk.



Artwork by Adeline Kong, for the 2024 ESW Visual Arts Contest

Earth Science Week Program Partners

- American Association of Petroleum Geologists
- American Geophysical Union
- American Geosciences Institute
- American Institute of Professional Geologists
- American Meteorological Society
- Association for Women Geoscientists
- Association of American State Geologists
- Association of Environmental & Engineering Geologists
- Bureau of Land Management
- CLEAN (Climate Literacy and Energy Awareness Network)
- Common Ground/ Kiss the Ground
- Critical Materials Innovation Hub
- Critical Zone Observatories (CZO), Consortium of Universities for the Advancement of Hydrologic Science, Inc. (CUAHSI)
- Earth Science Information Partners
- Earth Observations for the Sustainable Development Goals
- EarthScope Consortium
- Gemological Institute of America
- Geological Society of America
- Ice Drilling Program
- Mineralogical Society of America
- Minerals Education Coalition
- National Aeronautics and Space Administration
- National Agriculture in the Classroom
- National Association of Geoscience Teachers
- National Cave and Karst Research Institute
- National Earth Science Teachers Association
- National Park Service
- National Oceanographic and Atmospheric Administration
- Natural Resources Conservation Service
- National Speleological Society
- Nourish the Future
- Nutrients for Life Foundation
- Ohio State University Byrd Polar and Climate Research Center
- Polar Literacy
- Sequent (Visible Geology)
- Society for Mining, Metallurgy, and Exploration
- Society of Exploration Geophysicists
- Soil Science Society of America
- Technical Education Research Centers
- U.S. Forest Service
- U.S. Geological Survey

Key Partnerships

In 2024 there was one new ESW sponsor, Big Picture Ranch, and eight new ESW partners - Common Ground, Earth Observations for the SDGs, Ice Drilling Program, Infiniscope, International Permafrost Association, Ohio State University Byrd Polar and Climate Research Center, Polar Literacy, and Visible Geology. While all ESW sponsors and partners supported Earth Science week in vital ways, we want to recognize a few partners and individuals whose contributions were essential to ESW in 2024.

The **National Aeronautics and Space Administration (NASA)**, a longstanding sponsor and partner, played a significant role in 2024. As in previous years, NASA ordered 500 ESW Toolkits for distribution at outreach events. In addition, NASA contributed a copy of the My NASA Data Literacy Cube to the physical toolkit and provided the May activity, “Using Global Earth Science Data” for the ESW Calendar. A standout addition for 2024 was the collaboration between AGI and NASA to develop a hands-on lesson, “Investigating Impacts,” which tied into the 2024 Geologic Map Day poster, offering students a deeper dive into the science behind impact craters.

AGI would like to specifically thank the following **NASA** individuals for their contributions:

- **Angie Rizzi**, for her work in adding the Data Cube to the ESW Toolkit and her assistance in developing the calendar activity.
- **Brian Day**, for collaborating on the “Investigating Impacts” lesson and for personally visiting classrooms across the U.S. to implement the lesson. By April 2025, Brian has visited schools in Texas, New Mexico, Arizona, Florida, and Georgia, where he led students and teachers through the lesson. Additionally, Brian presented about the lesson and the NASA MoonTrek during an ESW webinar, “Impact Craters and Geologic Mapping on the Earth and Moon.”

We would also like to thank two branches of **NASA** that became new ESW partners in 2024:

- **Earth Observations for the Sustainable Development Goals (EO4SDG)** contributed a flyer to the ESW Toolkit, participated in the ESW Partners Resource page, collaborated on the August activity for the ESW calendar, “Monitoring Sustainability: Land Cover Data,” and sponsored the “Views from Above and Below: Supporting Sustainability with Earth Observations” ESW webinar. EO4SDG’s Executive Director, Corena Pincham, used these materials to create an education page on their website, and

stated that “Participating in this way allowed us to connect with the K–12 education realm as a new stakeholder community. Knowing that much of the ESW audience might not be familiar with EO4SDG, we took it as an opportunity to explain who we are as a global science cooperation initiative. It also allowed us to advance our mission to elevate public understanding of the power of Earth observation data by teaching students and educators about the technology and its broad applications.”

- **Infiniscope** contributed an item to the ESW Toolkit and four resources to the online toolkit that highlight online interactives on Plate Tectonics and the Sun, Earth, and Moon. They also assisted with ESW Toolkit distribution at the National Science Teachers Association (NSTA) conference in March 2025.

The **U.S. Geological Survey (USGS)**, a long-time partner and sponsor, made significant contributions again this year. USGS provided a poster for the ESW Toolkit, contributed the November activity “Exploring Meteor Impacts on Earth and Beyond” in the ESW calendar, and distributed over 100 ESW Toolkits at the NSTA conference. The success of the Geologic Map Day poster would not have been possible without the involvement of the USGS Astrogeology Science Center, specifically Jim Skinner. Additionally, Amber Gullikson from the Astrogeology Science Center contributed a segment during the “Impact Craters and Geologic Mapping on the Earth and Moon” ESW webinar.

The **National Oceanic and Atmospheric Administration (NOAA)** provided the seafloor spreading map featured in the ESW poster, Calendar, and Toolkit folder. NOAA also shared related online activities and media that are included on the 2024 ESW website. For the February calendar activity, NOAA developed “Beat the Uncertainty: Planning Climate-Resilient Cities,” a game focused on planning for climate resilience.

The **National Park Service (NPS)** continued its strong support as an active partner in 2024. Their promotion of National Fossil Day through in-person events at numerous National Parks, in addition to an art contest and an extensive social media campaign made a significant impact. AGI also worked with NPS in 2024 to create a Volcano Guide, which was featured on the ESW Partner Resource page and the 2024 ESW Website. Additionally, NPS contributed the October activity in the ESW Calendar, “Lasting Impressions: Making Molds,” which teaches students how to make fossil replicas.

We are deeply grateful to these organizations and individuals for their continued collaboration in making ESW a successful and impactful event.

Earth Science Week Participation



Photo by Karina Ciric, for the 2024 ESW Photography Contest

Earth Science Week **participation remained strong** through 2024. People in all 50 states and the District of Columbia and 23 additional countries participated in events and activities. The Earth Science Week website received more than 657,000 page views in 2024. In addition, more than 400 people across the country and around the globe participated in the program’s visual arts, video, essay, and photography contests for Earth Science Week

Earth Science Week 2024 included online events as well as in-person events in which educators taught Earth science activities in their classrooms and public outreach events in settings like parks, museums, and science centers. A detailed list of events can be found in the second half of this report; this list includes only events reported directly to and discovered by AGI, so please notify Earth Science Week staff if your event or participation is not listed.

Events also are highlighted on the American Geosciences Institute website, which features press releases and other items by members of the geoscience community, as well as news media promoting Earth Science Week. Television and radio news programs covered Earth Science Week on local stations in several states. Each year, Earth Science Week media in web, print, and broadcast coverage, along with direct outreach by AGI, reach thousands of people through hundreds of organizations across the country and around the world.

This report is designed to give an overview of the activities organized by AGI and other groups for Earth

Science Week. We hope this information on 2024 events and publicity inspires you to develop your own activities for this upcoming Earth Science Week. Please visit www.earthsciweek.org for event planning, materials, resources, and support. Contact Earth Science Week staff at info@earthsciweek.org for assistance in planning for Earth Science Week.



Artwork by Arian Zamora, for the 2024 ESW Visual Arts Contest

Models of Earth Science Week Participation

Earth Science Week provides a catalyst for events that build collaboration in communities, promote formal and informal educational opportunities, and foster outreach by geoscience-based organizations. Here, we highlight three examples of organizations or individuals that have built long-standing programs that celebrate Earth Science Week and the ways in which they promote participation.

EARTH OBSERVATIONS FOR SUSTAINABLE DEVELOPMENT GOALS (EO4SDG)

Washington, D.C., United States

EO4SDG, U.S. — The Earth Observations for Sustainable Development Goals Initiative (EO4SDG) is a collaborative global community which advocates for Earth observation (EO) data use in support of the United Nations 2030 Agenda for Sustainable Development. It champions best practices and use cases of EO and geospatial data methods for SDG monitoring, reporting, and policy-setting, connects global stakeholders to relevant expertise and resources on EO uptake, and interacts within the U.N. system's cooperation efforts for statistical-geospatial integration for SDG progress. EO4SDG is an activity of the Group on Earth Observations international forum.

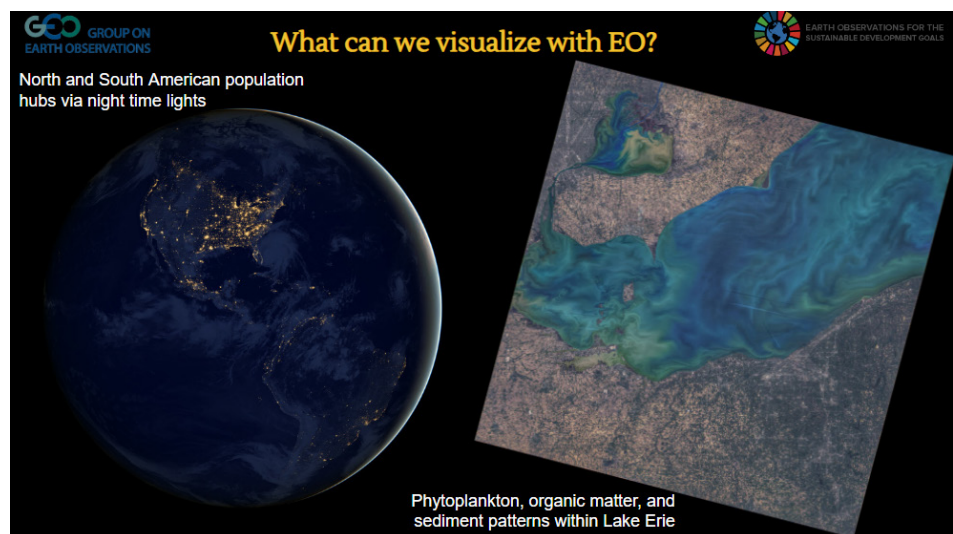
EO4SDG co-developed the 2024 webinar, "Views from Above and Below: Supporting Sustainability with Earth Observations", describing how satellites and ground-based systems generate EO data, how the derived information supports sustainable development, and the value of science collaboration. It reached hundreds of science

educators interested in understanding real-world applications of EO and citizen science techniques suitable for the classroom. This opportunity to demonstrate the power of EO to Earth-curious students firmly aligned with the Initiative's youth engagement goals.

The Initiative also contributed materials as part of the ESW 2024 toolkits. EO4SDG developed a flyer providing an overview of the Initiative's mission as well as a printable board game to help students understand which EO data supports sustainable agriculture. AGI also helped develop a collection of web resources introducing newcomers to the SDG Agenda and the fundamentals of Earth observations, which can be found at <https://eo4sdg.org/education>. The EO4SDG team is grateful for the opportunity to support ESW and connect with educators as a new stakeholder group for Earth observations resources.

A screenshot from EO4SDG's ESW Webinar.

Image credit: EO4SDG



GEOSCIENCE AUSTRALIA

Canberra, Australia

Geosciences Australia, Australia —To celebrate Earth Science Week 2024, Geoscience Australia partnered in and led a number of Earth Science Week events, seizing the opportunity to engage and educate a wide range of Australians on the importance of Earth science. Events included an Earth Science Week takeover at Questacon's Q Lab in Canberra, a free Earth science themed film screening and panel discussion at the National Film and Sound Archive in Canberra, a free online public talk by Chief of Space Alison Rose, and a series of live virtual Earth science events for students and teachers across Australia. These initiatives aim to bring Earth science into classrooms and communities nationwide.

Other initiatives held during the week included a geoheritage walk at the Mulligans Flat Woodland Sanctuary, led by geoscientist Megan Lech which offered attendees a unique opportunity to explore the geology and landscapes of the area. The Geological Society of Australia (ACT Division) and PESA marked the occasion with their Annual Dinner and Recognition Night, featuring insightful talks from prominent speakers and celebrating the contributions of geoscience professionals. An Edible Earth Science 'Bake-off' event allowed participants to explore Earth science through imaginative culinary creations. These events highlighted the diverse ways Earth science connects to our lives and inspired curiosity and learning across Australia.

In addition to leading and taking part in events around the country, Geoscience Australia launched a dedicated Earth Science Week web page and comprehensive digital supporter tool kit to help Australians celebrate and raise awareness of this important week. The digital supporter

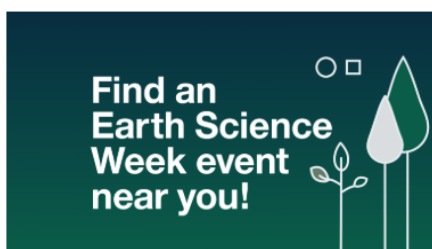
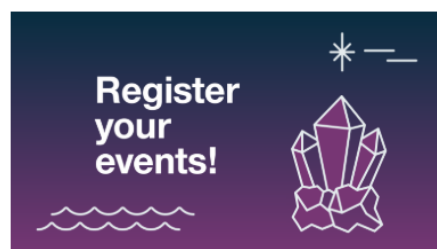
tool kit, which has already been updated for 2025, is packed with downloadable resources, templates, and activities designed to encourage people to engage with Earth science, join in the celebrations and even run their own events. The web page has an event registration platform where people can register their events, for promotion on a national Earth Science Week event calendar, spreading the excitement and promoting greater participation and awareness across the country. In 2024, a range of events were promoted on this event calendar, and registrations for Earth Science Week 2025 events are already open.

As one of the nation's trusted sources of data and information for Australia's Earth sciences, Geoscience Australia was proud to engage with a wide range of Australians during Earth Science Week 2024 and are already busy making plans for Earth Science Week 2025.



Geoscience Australia Chief Scientist Dr Steve Hill, sharing his love of Earth Science.

Image credit: Geoscience Australia



A screenshot of the newly updated Geoscience Australia website that helps users find and share about local events, and that also hosts a collection of educational resources to celebrate Earth Science Week all year round: www.ga.gov.au/about/earth-science-week.

Image credit: Geoscience Australia

SOUTHERN ILLINOIS UNIVERSITY Carbondale, Illinois, United States

Southern Illinois University, U.S. — Through its STEM Education Research Center (SERC), led a dynamic celebration of Earth Science Week 2024. The university hosted a collection of public events that reflected both the national theme “Earth Science Everywhere” and a theme SIU designed to be able to highlight the research and interests of their professors: “Earth and Our Place in Space” (see photo). The programming engaged learners of all ages while promoting Earth science literacy, interdisciplinary learning, and hands-on exploration.

Each day featured a Brown Bag Speaker Series facilitated by Larry Dunlap-Berg, educator and geologist at SERC. Faculty experts from across campus shared insights on how Earth science informs our understanding of planetary habitability, space exploration, climate change, earthquake hazards in the Central U.S., and use of artificial intelligence (AI) in science education and research. Speakers represented the School of Earth Systems & Sustainability, the School of Physics and Applied Physics, and the Center for Virtual Expression. The October 14 kickoff — “Possibilities for Life beyond Earth” — aligned with NASA’s Europa Clipper Mission launch, creating a timely link between planetary science and Earth-based research. Each session invited open discussion and emphasized the real-world relevance of Earth science across disciplines and communities.

On October 17, SERC participated in the Central U.S. ShakeOut, providing earthquake safety education, hands-on demonstrations, and “Drop, Cover, and Hold On” drills. More than 1,250 students and community members engaged with these activities through school visits, campus events, STEM camps, and family nights leading up to the event.



Participants getting ready for the Southern Illinois Star Party: “Evening under the Stars.”

Image credit: Southern Illinois University

The week concluded with the Southern Illinois Star Party: “Evening under the Stars” on October 19 — a public, family-friendly celebration of astronomy and space science. Organized by Bob Baer and Dr. Cori Brevik from the SIU School of Physics and Applied Physics, the event was held in collaboration with the Adler Planetarium, the Astronomical Association of Southern Illinois. Under a crisp autumn sky, more than 450 attendees enjoyed guided telescope viewing, interactive stargazing exhibits, and hands-on science activities designed to spark curiosity and learning across all ages. The event was made possible in part through a NASA cooperative agreement (Award 80NSSC23M0190), helping bring the wonder of the universe closer to the people of Southern Illinois.

Earth Science Week 2024 at SIU showcased the university’s commitment to public engagement, environmental awareness, and interdisciplinary collaboration. Together, these events inspired curiosity and connected learners of all ages to the dynamic systems that shape our planet — and guide our understanding of Earth’s place in the universe.

We encourage you to participate in Earth Science Week by attending, planning, and/or hosting events; entering the Earth Science Week Contests; and participating in our annual Earth Science Week webinar series. For more information on each of these topics, visit the following sites:

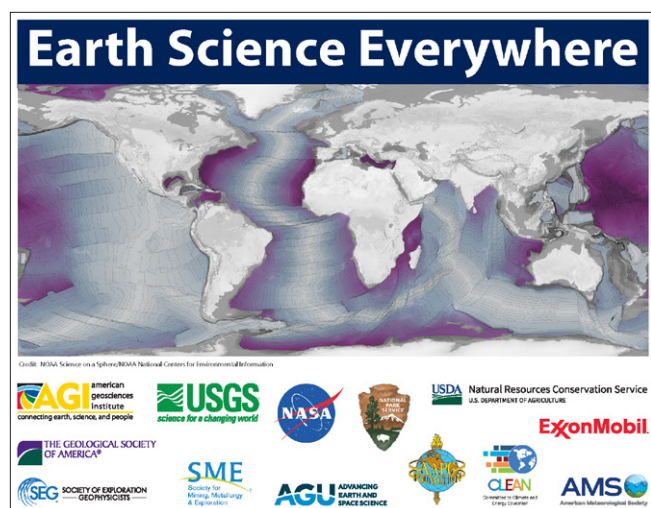
- Plan an Earth Science Week event: www.earthsciweek.org/get-involved/events/
- 2024 Earth Science Week Contests: www.earthsciweek.org/contests/2024/
- Past Earth Science Week Webinar Series: www.earthsciweek.org/webinars/

Summary of Activities



Photo by Alek Ciric, for the 2024 ESW Photography Contest

Earth Science Week Toolkits



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AGI assembled and distributed 8,000 **Earth Science Week Toolkits**, the majority of which were distributed to educators and geoscientists before the end of 2024. Fourteen AGI member societies requested complimentary Earth Science Week Toolkits for distribution, and

33 state geological surveys requested complimentary kits for distribution.

As in past years, thousands of kits also were **distributed to and through program partners** including USGS and NASA. Toolkits also were shared at presentations at the National Science Teachers' Association Convention, as well as with Earth Science Week Survey participants, and the AGI/ExxonMobil Geoscience and STEM Teaching and Learning Academy participants. The 2024 toolkit featured AGI's traditional Earth Science Week poster, education and outreach flyers, and 12-month calendar showcasing geoscience classroom investigations and important dates of earth science events.

Continuing a practice of recent years, the 2024–2025 12-month calendar's classroom investigations featured notations explaining to educators how each activity aligns with expectations outlined in the **Next Generation Science Standards and the United Nations' Sustainable Development Goals (SDGs)**. Additionally, program partners' contributions, many of which also included activities aligned with the standards, made the Earth Science Week 2024 Toolkit one of the richest ever.

ESW Online

According to Google Analytics, the **Earth Science Week website** was accessed by users in **207 nations, territories, and regions** worldwide in 2024. The program website (www.earthsciweek.org) delivers essential resources for educators throughout the year. As in past years, the Earth Science Week website was updated regularly to

reflect the new theme, contests, proclamations, events, initiatives, and classroom activities for 2024. The entire site received 657,987 page views. Within the site, all searches made in 2024 related to specific pages totaled 134,779 for Classroom Activities pages; 24,805 for Contests pages; and 1,492 for Focus Days pages.

In collaboration with partners, AGI hosted the “**Earth Science Everywhere**” Webinar Series, available during Earth Science Week 2024 and afterward via recordings. Aimed at the general public and education community, webinars remain available online. Presenters covered an array of thought-provoking, timely topics:

- *Breaking Down Microplastics*, the first annual kick-off of Earth Science Week, coincided with Earth Day 2024. This webinar featured presentations and a panel discussion that offered valuable insights into the challenges and solutions surrounding plastic pollution.
- *Views from Above and Below: Supporting Sustainability with Earth Observations*, with Corena Pincham, Lola Fatoyinbo, and Laura Rogers from NASA; and Tracy Ostrom, GLOBE Program Coordinator at the University of California Berkeley. This webinar explored how two NASA programs use Earth observation data to support global sustainability.
- *Plastics in the Environment and Human Health*, with Aidan Charron, Director of End Plastic Initiatives at EARTHDAY.org; Nelson Rangel-Buitrago, a Geologist at the Universidad del Atlántico (Colombia); and Grant Rodriguez Amlani, Environmental Justice & Recruitment Manager at the U.S. Plastics Pact. Speakers detailed the widespread impact of plastics, from microplastics in our ecosystems to their influence on geological dynamics.
- *Impact Craters and Geologic Mapping on the Earth and Moon*, with Alexandra Huff, PhD Candidate at Arizona State University; Robert R. Herrick, Research Professor at the University of Alaska Fairbanks; Amber Gullikson, Geologist at the USGS Astrogeology Science Center; and Brian Day, Staff Scientist at the NASA Solar System Exploration Research Virtual Institute. Speakers discussed lunar analog sites, essential geologic mapping techniques applicable to both terrestrial and extraterrestrial landscapes.
- *Earth Science at the Poles*, with Miriam Jones, Research Geologist at the U.S. Geological Survey; Waverly Ray, Professor of Geography at San Diego Mesa College; Lynn Brennan, High School Math Educator at the Putney School; James Karner, Research Associate Professor at the University of Utah; and Janice McDonnell, 4-H STEM Agent. This webinar showcased researchers and educators working in the Arctic and Antarctic.
- *Common Ground: Healing Our Soil, Feeding the Future*, sponsored by Big Picture Ranch, and featuring

experts in soil health, including: Josh and Rebecca Tickell, directors of Common Ground at Big Picture Ranch; Fran Sterling, curriculum developer at Blueshift Education; Gabe Brown, farmer; Missy Holzer, science standards specialist at Great Minds PBCTM; Karen Rodriguez, COO, Kiss the Ground; and Myranda Dominguez, Regenerative Educator.

The **Earth Science Week Online Toolkit**, formally introduced in 2021, includes downloadable, highly visual, resources available from past program celebrations. Resources addressing the Earth Science Week 2024 theme of “Earth Science Everywhere” were added, such as the ESW poster and Geologic Map Day poster. Users can search by type of resource, theme, year, language, disciplinary core ideas, cross-cutting concepts, science and engineering practices, and more. The Online Toolkit is a useful option for partners wanting to lower their paper use and users limited by shipping and printing costs.

In addition, to facilitate partnerships between educators and others in the Earth science community, AGI again offered the **Earth Science Organizations (ESO)** database. ESO is an extensive online database of state and national organizations that may be sponsoring activities and events during Earth Science Week. The ESO is a useful means of identifying potential geoscience partners near you, accessing relevant information, and networking with colleagues. To recommend an organization (or have one updated or removed), contact Earth Science Week staff at info@earthsciweek.org.

Program participants were encouraged to visit the continually updated Earth Science Week **Classroom Activities** page for more than 250 free learning activities, most contributed by leading geoscience agencies and groups. To find an activity corresponding to a lesson, teachers can search by Earth science topic, grade level, and science education standards.



Photo by Cole Jacobs, for the 2024 ESW Photography Contest

Contests

AGI held contests in connection with Earth Science Week that were designed to encourage K–12 students, teachers, and the general public to become involved in the celebration by exploring artistic and academic applications of Earth science. Earth Science Week continued expanded eligibility for its photo contest to allow international members of **AGI Member Societies** and **AGI International Affiliates** to participate and again invited international submissions to the video contest.

Hundreds of submissions to the contests were received. Each first-place winner received \$300 and an AGI publication. Entries submitted by winners and finalists were posted online.

Laila Martinez of Baytown, TX, won first place in the visual arts contest. Finalists were Adeline Kong of Rye, New York; Maisie Meli of Rye, New York; Etta Thompson of Rye, New York; Arian Zamora of Baytown, Texas. Students in grades K–5 made two-dimensional artworks illustrating the wonders of Earth, such as the diversity of ecosystems, the dynamic processes shaping landscapes, or the beauty of our oceans and skies.

Ashley Resurreccion of Van Nuys, California, won first place in the photo contest. Finalists were Carson Barineau of Tallahassee, Florida; Carmela Cruz Llorca of San Juan, Puerto Rico; Cole Jacobs of Las Vegas, Nevada; Kathy Yang of West Windsor, New Jersey. Submissions illustrated the influence of Earth processes in your community.



Winning artwork by Laila Martinez, for the 2024 ESW Visual Arts Contest



Winning photo by Ashley Resurreccion, for the 2024 ESW Photography Contest

SUMMARY OF ACTIVITIES

• FOCUS DAYS

Annette Hollingshead of Virginia Beach, Virginia, won first place in the essay contest. Finalists were Madeleine Biscardi of New York, New York; Lila Choudry of Longwood, Florida; Patrick Jiang of Virginia Beach, Virginia; Pranav Mohan of Virginia Beach, Virginia. Students in grades 6–9 wrote essays of up to 300 words describing an example of how understanding a specific earth science concept can help address a challenge currently faced around the world.

Kathy Yang of West Windsor, New Jersey, won first place in the video contest. Finalists were Raquel Abood Rodrigues, Luis Otávio Rodrigues Saldanha, Tiago Amâncio Novo, Pedro Augusto da Silva Rosa, Vítor Salgado de Melo, Raphael Martins Coelho, João Lucas Melo Carneiro, Débora Silvano Moreira, Mateus Batista Lopes dos Reis, Giovana Pires Cardoso Gonçalves of Minas Gerais, Brasil; Tiffany Kurniawan of Northridge, California; Sajan Saravanan of Tamil Nadu, India; Flora

Submission for the 2024 ESW essay by contest winner Annette Hollingshead:

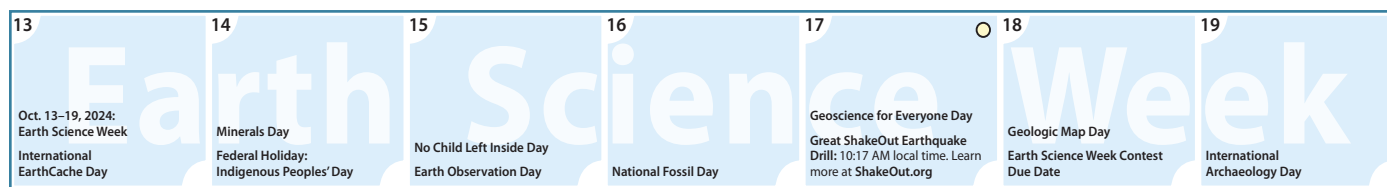
The phrase, “You are what you eat,” may be more important than you think. Food can impact your life in many ways, but did you know that soil can as well? It can affect your mental health, nutritional count, and overall quality of life. The significance of soil is paramount to our well-being.

Many things can affect your mental health, and soil is one of them. Decreased soil nutrients play a large role. Crops suffer when soil lacks nutrients...

Read the rest of this essay on the [ESW website](#).

Yuan of Simi Valley, California. Individuals and teams created brief, original videos showing how people experience the same earth science processes no matter where they live.

Focus Days



Each day of Earth Science Week recognizes one or more Focus Days to help with specific initiatives related to Earth science education, many of which were developed in conjunction with AGI's partners:

- **October 13, 2024:** The 17th annual **International EarthCache Day**, Geological Society of America
- **October 14, 2024:** The 5th annual **Minerals Day**, Mineralogical Society of America
- **October 15, 2024:** The 17th annual **No Child Left Inside Day**, U.S. Geological Survey and the 9th annual **Earth Observation Day**, AmericaView
- **October 16, 2024:** The 15th annual **National Fossil Day**, National Park Service
- **October 17, 2024:** The 10th annual **Geoscience for Everyone Day**, multiple sponsors
- **October 18, 2024:** The 13th annual **Geologic Map Day**, U.S. Geological Survey, Association of American State Geologists, National Park Service, Geological Society of America, and the National Aeronautics and Space Administration
- **October 19, 2024:** The 14th annual **International Archaeology Day**, Archaeological Institute of America

For more information on each of the Earth Science Week Focus Days, please visit:

www.earthsciweek.org/get-involved/focus-days/

Earth Science Week Newsletter and Publicity

The monthly **Earth Science Week Update** newsletter reached more than 3,800 teacher, student, geoscientist, and other subscribers in the past year. The electronic newsletter kept event planners and participants up to date on Earth Science Week at the national level, encouraged participation in local areas, and provided news on geoscience topics of interest to participants. Besides highlighting worthwhile resources, these monthly e-mail updates reinforce that geoscience education is a priority throughout the year.

Starting in 2024, the Earth Science Week Update will be released six times per year, including: January, April, and August through November. Special Alerts may be released between updates, as new resources from Earth Science Week partners become available. To subscribe to this Newsletters and other updates from AGI, please visit: www.earthsciweek.org/support/newsletter.

In addition to our Update, AGI enlisted the support of a wide range of media in promoting awareness of Earth Science Week, AGI distributed **press releases** to

thousands of newspapers, magazines, media websites, and other organizations and individuals. This resulted in an exceptional reach and helped to lay a foundation for more coverage in years to come.

Additional publications graciously included articles penned by AGI to promote educational opportunities offered by Earth Science Week, including *The Leading Edge* published by the Society of Exploration Geophysicists. Copies of the **2024 Earth Science Week poster**, featuring geoscience learning activities in addition to promotional content, were distributed as inserts in publications carrying articles about the event written by AGI, including: *AAPG Explorer* published by the American Association of Petroleum Geologists and *The Earth Scientist* published by the National Earth Science Teachers Association. Copies of the **2024 Geologic Map Day Poster**, featuring the new Cooperative National Geologic Map of the United States (created by USGS), were distributed as inserts in *GSA Today* published by The Geological Society of America.

State Proclamations

A gubernatorial proclamation from your state sends a message emphasizing the importance of celebrating Earth Science Week. To date, seven states have demonstrated outstanding science-literacy leadership by issuing “perpetual proclamations” of Earth Science Week, ensuring recognition every year: Alaska, Delaware, Illinois, Nevada, North Dakota, Oklahoma, and South Dakota.

Governors issued single-year proclamations in three additional states — Indiana, Ohio, Pennsylvania, — bringing the total number of states with proclamations of recognizing Earth Science Week 2024 to 10.

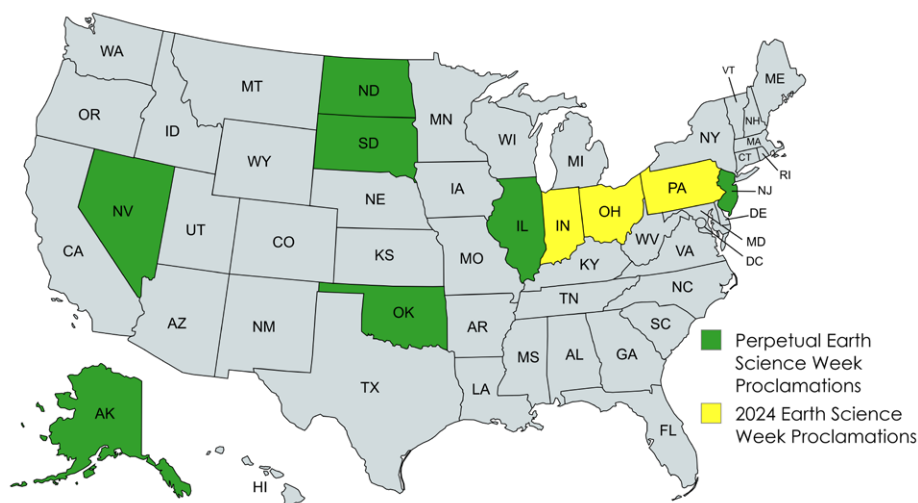


Image credit: AGI, using mapchart.net

If your state has not yet officially recognized the second full week of October as Earth Science Week, we encourage you to work with your state geological survey to encourage your governor to proclaim Earth Science Week an event in your state. Visit www.earthsciweek.org/support/stateproclamation to learn more.

Earth Science Week 2024 Events and Activities by State and Territory

While AGI is unable to track all Earth Science Week activities in the United States, major activities across the country included the following.

Alabama

- **State Proclamation:** The governor of Alabama issued a proclamation for Earth Science Week 2024
- **In-Person Events Hosted by:** Alabama Museum of Natural History, Alabama Paleontology Society, Birmingham Paleontological Society, McWane Science Center, Troy University Archaeology Club
- **Promoters of Earth Science Week:** Geological Survey of Alabama, National Informal STEM Education Network

Alaska

- **State Proclamation:** Alaska has a perpetual proclamation of Earth Science Week
- **In-Person Events Hosted by:** Bureau of Land Management's Campbell Creek Science Center, Alaska Consortium of Zooarchaeologists
- **Promoters of Earth Science Week:** Alaska's Department of Natural Resources, Geological and Geophysical Surveys Education Outreach Department, the University of Alaska Fairbanks Geophysical Institute

Arizona

- **In-Person Events Hosted by:** Arizona Sonora Desert Museum, Grand Canyon National Park, Painted Desert Visitor Center, S'edav Va'aki (formerly known as Pueblo Grande)
- **Promoters of Earth Science Week:** Arizona Geological Survey, Arizona Department of Transportation

Arkansas

- **In-Person Events Hosted by:** Arkansas Archaeological Society, Hot Springs National Park, Ouachita National Forest, Plum Bayou Mounds Archaeological State Park, Thompson Library
- **Promoters of Earth Science Week:** Arkansas Geological Survey, Hot Springs National Park
- **Participation in Earth Science Week Contests:** For International Archaeology Day, the Arkansas Archaeological Survey hosted the ArcheOlympics on Petit Jean Mountain, where 11 teams representing 4 universities competed in atlatl throwing, an archaeology-themed obstacle course, and archeology trivia

California

- **In-Person Events Hosted by:** Bowers Museum, California State Parks, California Academy of Sciences, Corte Madera Library, King Gillette Ranch Visitor Center, Ralph B. Clark Regional Park, San Diego County Archaeological Society, Western National Parks Association, Western Science Center
- **Promoters of Earth Science Week:** Bargas Environmental Consulting, California Geological Survey, Golden Gate National Recreation Area, Muir Woods National Monument, Science Buddies, UCLA Stavros Niarchos Foundation Center for the Study of Hellenic Culture
- **Participation in Earth Science Week Contests:** Giorgia Gallegos of Half Moon Bay, CA, Annette Henderson of Redwood City, CA, and Mandy Roche of San Mateo, CA were finalists in the 2024 Earth Science Week Photography Contest. Gina Ji of Belmont, CA and Kayla Messick of Moss Beach, CA were finalists in the 2024 Earth Science Week Video Contest

Colorado

- **In-Person Events Hosted by:** Buffalo Bill Museum and Grave, Colorado National Monument, Community Connections LLC, Colorado Preservation Inc, Denver Museum of Nature & Science, Douglas County Historic and Natural Resources, Garden of the Gods Visitor & Nature Center, Metcalf Archaeology, Museums of Western Colorado, Red Rocks Park & Amphitheater, The GLOBE Program, Western Interior Paleontological Society
- **Promoters of Earth Science Week:** American Institute of Professional Geologists, CIRES Education & Outreach, Critical Materials Innovation Hub at the Colorado School of Mines, Colorado Council of Professional Archaeologists, Explore Nature, GLOBE, Kinard Core Knowledge Middle School, National Earth Science Teachers Association, Rocky Mountain National Park, Sanborn Geospatial, Space Science Institute (STARnet), The Geological Society of America, National Center for Atmospheric Research, University Corporation for Atmospheric Research Center for Science Education, University of Colorado Boulder (We are Water)

Connecticut

- **In-Person Events Hosted by:** Human Relations Area Files at Yale University, Institute for American Indian Studies' Research Department, Mystic Aquarium, University of Connecticut Stamford Anthropology Society
- **Promoters of Earth Science Week:** Connecticut Geological Survey

Delaware

- **State Proclamation:** The state of Delaware issued a perpetual proclamation of Earth Science Week
- **Promoters of Earth Science Week:** Delaware Geological Survey, University of Delaware

District of Columbia

- **In-Person Events Hosted by:** Archaeology in the Community, Smithsonian Institution's National Museum of Natural History
- **Promoters of Earth Science Week:** American Chemical Society, American Oil & Gas Historical Society, Challenger Center, EarthScope Consortium, National Park Service Youth & Young Adult Programs, Smithsonian Magazine, The Washington Post, U.S. Army Corps of Engineers, Science Spark's USA Science and Engineering Festival

Florida

- **In-Person Events Hosted by:** Beaches Museum, City of Augustine Archaeology Program, Gainesville Society of the Archaeological Institute of America, Florida Geological Survey, Jacksonville Chapter of the Archaeological Institute of America, Manatee Mineral Springs Park, The Bishop Museum of Science and Nature, University of South Florida Tampa Campus
- **Promoters of Earth Science Week:** Florida Fossil Hunters, Florida Geological Survey, Macaroni Kid Kissimmee-St. Cloud
- **Participation in Earth Science Week Contests:** Kamari Pereira of Jacksonville, FL was a finalist in the 2024 Earth Science Week Visual Arts Contest

Georgia

- **In-Person Events Hosted by:** Atlanta Society (AIA), Emory University, Fort Frederica National Monument, Georgia Southern University Laboratory of Archaeology, Gwinnett County Public Library at Mountain Park, Kennesaw State University, Michael C. Carlos Museum, College of Science and Mathematics, the Department of Chemistry and Geosciences at Valdosta State University
- **Promoters of Earth Science Week:** Cobb County School District, Fort Pulaski National Monument, Geo-Hydro Engineers Inc., Kennesaw State University Norman J. Radow College of Humanities and Social Sciences, Tellus Science Museum

- **Participation in Earth Science Week Contests:** Donovan Fish of Guyton, GA was the winner of the 2024 Earth Science Week Essay Contest

Hawai'i

- **Promoters of Earth Science Week:** Earth Science Week Toolkits were distributed to teachers

Idaho

- **In-Person Events Hosted by:** Hagerman Fossil Beds National Monument, Idaho Museum of Natural History, Pocatello campus of Idaho State University
- **Promoters of Earth Science Week:** Idaho Geological Survey

Illinois

- **State Proclamation:** Illinois issued a perpetual proclamation of Earth Science Week
- **In-Person Events Hosted by:** Burpee Museum of Natural History, Field Museum, Southern Illinois University
- **Promoters of Earth Science Week:** Earth Science Club of Northern Illinois, Nagpra Office at the University of Illinois, Sagawau Environmental Learning Center

Indiana

- **State Proclamation:** Governor Eric Holcomb approved a state proclamation recognizing Earth Science Week 2024
- **In-Person Events Hosted by:** Falls of the Ohio Foundation and State Park, Monroe Lake, Paynetown State Recreation Area, Speaks for Trees and More
- **Promoters of Earth Science Week:** Indiana Geological and Water Survey

Iowa

- **Proclamation:** Mayor Rob M. Green of Cedar Falls approved a proclamation recognizing Earth Science Week 2024
- **In-Person Events Hosted by:** Black Hawk Gem and Mineral Club, BMC Aggregates LC, Boies Bend County Park, Buchanan County Conservation Board, Fontana Park, Iowa State University GIS Support and Research Facility, IowaView, Science Center of Iowa, University of Iowa's Department of Earth & Environmental Sciences, University of Northern Iowa
- **Promoters of Earth Science Week:** Ames Laboratory, Cedar Valley Arboretum & Botanic Gardens, Iowa Active Learning Community Partnership, Science Center of Iowa

Kansas

- **In-Person Events Hosted by:** Fort Hays State University's Department of Geosciences and GeoClub, State Library of Kansas, Sternberg Museum, The University of Kansas Biodiversity Institute & Natural History Museum
- **Promoters of Earth Science Week:** Kansas Geological Survey

Kentucky

- **In-Person Events Hosted by:** Kentucky Geological Survey, Kentucky Society (AIA), Mammoth Cave National Park, University of Kentucky's Mining and Mineral Resources Building, University of Louisville Center for Archaeology and Cultural Heritage
- **Promoters of Earth Science Week:** Kentucky Geological Survey, Kentucky Paleontological Society, Kentucky River Watershed Watch, Kentucky Water Research Institute, Mammoth Cave Biosphere Region, Norwood Student Chapter of the Society for Mining, Metallurgy, & Exploration (SME) at University of Kentucky (UK) College of Engineering, UK College of Nursing, UK Department of Mining Engineering, UK Earth and Environmental Sciences

Louisiana

- **In-Person Events Hosted by:** Acadiana Chapter of the Louisiana Archaeological Society, Ascension Parish Library, Audubon State Historic Site, Baton Rouge Geological Society, Carnegie Memorial Branch of Calcasieu Parish Public Library, Fighting Hand Brewing Company, Forts Randolph and Buhlow State Historic Site, Lafayette Public Library, Lake D'Arbonne State Park, Livingston Parish Library, Louisiana Division of Archaeology, Louisiana State Parks, Oak St. Brewery, Poverty Point World Heritage Site, Sterlington Memorial Branch Library, Terrebonne Parish Library, The Lafayette Farmers and Artisans Market, University of Louisiana at Lafayette, University of Louisiana at Monroe Museum of Natural History, West Baton Rouge Museum, Shreve Memorial Library
- **Promoters of Earth Science Week:** Christopher R. Goodwin & Associates Environmental Services, Louisiana Department of Natural Resources, Louisiana Geological Survey, Louisiana Office of Cultural Development Division of Archaeology, Louisiana State University and Alpha La of Lambda Alpha

Maine

- **In-Person Events Hosted by:** Maine Discovery Museum
- **Promoters of Earth Science Week:** Gray Public Library, Maine Geological Survey

Maryland

- **In-Person Events Hosted by:** Gaithersburg Community Museum, Maryland National Capital Park and Planning Commission, Monocacy National Battlefield, Natural History Society of Maryland
- **Promoters of Earth Science Week:** Maryland Geological Survey, Prince George's County Department of Parks and Recreation, The University of Maryland's Dinosaur Fund, U.S. Census Bureau
- **Participation in Earth Science Week Contests:** Ronald Bridges of Brandywine, MD was a finalist in the 2024 Earth Science Week Essay Contest

Massachusetts

- **In-Person Events Hosted by:** Boston Museum of Science, Davis Museum at Wellesley College, Edey Foundation, Harvard Museum of Natural History, Harvard Museums of Science & Culture, Martha's Vineyard Cultural Council, Oak Bluffs Public Library, Peabody Museum of Archaeology and Ethnology, Union Chapel, University of Massachusetts, Western Massachusetts Society of the AIA
- **Promoters of Earth Science Week:** Archaeological Institute of America, CollegeXpress, Harvard Museum of Science and Culture, Northern Berkshire Mineral Club, Palley Endowment Fund for Davis Museum Outreach Programs

Michigan

- **In-Person Events Hosted by:** East Lansing Public Library, Marquette Regional History Center, Michigan Mineralogical Society, Michigan State University Museum, Packard Proving Grounds, Roamin Rock Club, Rochester Hills Museum at Van Hoosen Farm, University of Michigan's Kelsey Museum of Archaeology
- **Promoters of Earth Science Week:** Flint Rock and Gem Club, Michigan Basin Geological Survey, Michigan Department of Environment, Great Lakes, and Energy (EGLE), Michigan Earth Science Teachers Association, Michigan Geological Survey, Traverse Area District Library
- **Participation in Earth Science Week Contests:** Hosanna Ponnudurai of Troy, MI was a finalist in the 2024 Earth Science Week Visual Arts Contest

Minnesota

- **In-Person Events Hosted by:** Minnesota Discovery Center
- **Promoters of Earth Science Week:** Equatorial Minnesota, Minnesota Geological Survey, National Association of Geoscience Teachers, Range Engineering Council, Science Museum of Minnesota, Wild Dirt

Mississippi

- **In-Person Events Hosted by:** Mississippi Department of Archives and History, Mississippi National River and Recreation Area, Mississippi State University Department of Geosciences
- **Promoters of Earth Science Week:** Mississippi Department of Environmental Quality, Mississippi Geological Society, Mississippi State University Museums and Galleries

Missouri

- **In-Person Events Hosted by:** Ed Clark Museum of Missouri Geology, Mastodon State Historic Site, Missouri Institute of Natural Science, Missouri State Museum, Ozark Natural and Cultural Resource Center, Sainte Genevieve Museum Learning Center, St. Louis Society (AIA), University of Missouri, Washington University in St. Louis
- **Promoters of Earth Science Week:** Bollinger County Museum of Natural History, Kansas City and Twin Rivers chapters of the Missouri Archaeological Society, Missouri Department of Natural Resources

Montana

- **In-Person Events Hosted by:** Frontier Gateway Museum, Makoshika State Park, Montana State University, University of Montana's spectrUM Discovery Area
- **Promoters of Earth Science Week:** Glacier National Park, Montana Geological Survey, Visit Glendive

Nebraska

- **In-Person Events Hosted by:** Agate Fossil Beds National Monument, Lincoln City Libraries, University of Nebraska State Museum
- **Earth Science Week Toolkits distributed by:** Promoters of Earth Science Week: Midwest National Parks, Nebraska Geological Survey, University of Nebraska School of Natural Resources and the Maps & More Store

Nevada

- **State Proclamation:** Nevada issued a perpetual proclamation of Earth Science Week
- **In-Person Events Hosted by:** Nevada Bureau of Mines and Geology, Tule Springs Fossil Bed National Monument, Las Vegas Natural History Museum
- **Promoters of Earth Science Week:** Nevada Bureau of Mines and Geology, NPS Mojave Desert Network Inventory & Monitoring, University of Nevada at Reno

New Hampshire

- **Promoters of Earth Science Week:** New Hampshire Department of Environmental Services, New Hampshire Archaeological Society, New Hampshire Geological Survey

New Jersey

- **In-Person Events Hosted by:** New Jersey State Museum, Princeton Society (AIA), Visual Resources of the Department of Art and Archaeology, Princeton Public Library
- **Promoters of Earth Science Week:** Beckers School Supplies, New Jersey Geological and Water Survey, Paterson Great Falls National Historical Park, The Newark Museum of Art
- **Participation in Earth Science Week Contests:** Aditya Herekar of Edison, NJ was a finalist in the 2024 Earth Science Week Video Contest

New Mexico

- **State Proclamation:** The governor of New Mexico issued a proclamation for Earth Science Week 2024
- **In-Person Events Hosted by:** Eastern New Mexico University Department of Anthropology and Applied Archaeology, Friends of Archaeology, Maxwell Museum of Anthropology at The University of New Mexico, Museum of Indian Arts and Culture, New Mexico Office of Archaeological Studies
- **Promoters of Earth Science Week:** New Mexico Bureau of Geology and Mineral Resources, Public Lands Interpretive Association
- **Participation in Earth Science Week Contests:** Tracer Montoya of Polvadera, NM was a finalist in the 2024 Earth Science Week Visual Arts Contest

New York

- **In-Person Events Hosted by:** Corning Museum of Glass, Fort Ticonderoga, Herbert F. Johnson Museum, McGraw Hall at Cornell University, Museum of the Earth at the Paleontological Research Institution, New York State Museum, Penn Dixie Fossil Park & Nature Reserve, Rochester Museum & Science Center, St. James AME Zion Church, The National Arts Club
- **Promoters of Earth Science Week:** Berghahn Books, Cornell University, Global Journal of Practical Ecotourism (Planeta.com), The Catskill Geologist, The Cave House Museum of Mining and Geology, New York State Department of Environmental Conservation
- **Participation in Earth Science Week Contests:** Toby Leng of Manhasset, NY was the winner of the 2024 Earth Science Week Video Contest with his video "Ferrofluid: Revolutionizing the Battle Against Plastic Pollution." Vladislav Ventura of Bronx, NY was a finalist in the 2024 Earth Science Week Visual Arts Contest

North Carolina

- **In-Person Events Hosted by:** Aurora Fossil Museum, Coats Public Library, Imagination Station Science & History Museum, Living History Village at Catawba Meadows Park, Appalachian State University
- **Promoters of Earth Science Week:** Forsyth Gem and Mineral Club, North Carolina Aquarium at Fort Fisher, North Carolina Department of Natural & Cultural Resources, North Carolina Fossil Club, North Carolina Geological Survey

North Dakota

- **State Proclamation:** North Dakota has a perpetual proclamation of Earth Science Week

Ohio

- **State Proclamation:** The governor of Ohio issued a proclamation for Earth Science Week 2024
- **In-Person Events Hosted by:** Allen County Museum, Blackhand Gorge State Nature Preserve, Blendon Woods Metro Park, Cesar Creek State Park, Fossil Park, Marblehead Lighthouse State Park, Ohio State University at Lima, Orton Geological Museum, Shale Hollow Park, The Ohio State University School of Earth Sciences, Whipps Ledges, the Ohio Statehouse
- **Promoters of Earth Science Week:** Association of Environmental & Engineering Geologists, Farm and Dairy News, Ohio Department of Natural Resources Division of the Geological Survey, Ohio Earth Science Teachers Association, Salt Fork State Park, UES: An Eclipse Company, Wright State University College of Science and Mathematics

Oklahoma

- **State Proclamation:** Oklahoma has issued a perpetual proclamation of Earth Science Week
- **In-Person Events Hosted by:** Sam Noble Oklahoma Museum of Natural History
- **Promoters of Earth Science Week:** Oklahoma Geological Survey

Oregon

- **In-Person Events Hosted by:** Cannon Beach History Center & Museum, John Day Fossil Beds National Monument, Museum of Natural and Cultural History, Eugene, Cascades & Coast Visitor Center
- **Promoters of Earth Science Week:** Maritime Archaeological Society, Oregon Coast Magazine, Oregon Geological Survey, University of Oregon, Western Oregon University Earth Science Alumni Society

Pennsylvania

- **State Proclamation:** Governor Josh Shapiro of Pennsylvania issued a proclamation for Earth Science Week 2024
- **In-Person Events Hosted by:** Community Education Center in Philadelphia, Indiana University of Pennsylvania's Anthropology Department, Newlin Grist Mill Park, Penn Museum, Phillips Park, University of Pittsburgh
- **Promoters of Earth Science Week:** ABC27 News-Harrisburg, Allegheny Chapter #1 of the Society for Pennsylvania Archaeology, Nittany Mineralogical Society Inc. at State College, Pennsylvania Department of Conservation and Natural Resources, Pennsylvania Geological Survey, Pennsylvania Parks & Forests Foundation, Philadelphia Archaeological Forum, Pittsburgh Society of the Archaeological Institute of America, University of Pittsburgh University Department of Anthropology
- **Participation in Earth Science Week Contests:** Allison Meng of Ambler, PA was a finalist in the 2024 Earth Science Week Video Contest

Rhode Island

- **In-Person Events Hosted by:** Brown University, Museum of Natural History and Planetarium, Narragansett (AIA), Society Westerly Library & Wilcox Park
- **Promoters of Earth Science Week:** Macaroni KID of Southern Rhode Island

South Carolina

- **In-Person Events Hosted by:** Charles Towne Landing, Florence County Museum, South Carolina Institute of Archaeology and Anthropology, University of South Carolina Department of Anthropology
- **Promoters of Earth Science Week:** South Carolina Geological Survey, South Carolina State Parks
- **Participation in Earth Science Week Contests:** Aydin M. Soner of Columbia, SC was the winner of the 2024 Earth Science Week Visual Arts Contest

South Dakota

- **State Proclamation:** South Dakota has a perpetual proclamation recognizing Earth Science Week
- **In-Person Events Hosted by:** Museum at Black Hills Institute of Geological Research, Museum of Geology at South Dakota Mines, World Fossil Finder Museum
- **Promoters of Earth Science Week:** Badlands National Park, the City of Hot Springs, South Dakota Afterschool Network, South Dakota Geological Survey, South Dakota Public Broadcasting, W.H. Over Museum, Wind Cave National Park

Tennessee

- **In-Person Events Hosted by:** C.H. Nash Museum at Chucalissa, Discovery Park of America, McClung Museum of Natural History and Culture, Middle Tennessee State University's Department of Geosciences, Nashville Parthenon, Nashville Society (AIA), University of Tennessee at Martin Coon Creek Science Center
- **Promoters of Earth Science Week:** Maury County Source, Tennessee Geological Survey

Texas

- **In-Person Events Hosted by:** Central Texas Society (AIA), Consumer Energy Alliance and Education Foundation, Dallas Paleontological Society, Denton County Historical Commission, Jurassic Quest®, Houston Geological Society, Houston Museum of Natural Science, Ladonia Fossil Park, Mineral Wells Fossil Park, Mission San Jose, Southwest Texas Archaeological Society, Stephen F. Austin State University, Texas Science & Natural History Museum, University of Texas at Austin's Department of Classics, University of Texas at El Paso, University of Texas at San Antonio, Waco Mammoth National Monument, Witte Museum
- **Promoters of Earth Science Week:** Arlington Archosaur Site, Boy Scouts of America Sam Houston Area Council, Geophysical Society of Houston, Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists, Houston Gem and Mineral Society, Rice University's AAPG Student Chapter, San Jacinto College, Society of Independent Professional Earth Scientists, TeachMe GIS (Inner Corridor Technologies), Texas A&M Department of Geology & Geophysics, Texas Archeological Society Members and Friends, Texas Geological Survey, Texas Girls Collaborative Project, Texas Water Development Board, The Wonders of Paleontology, University of Houston Geological Society, University of Houston Wavelets/Wildcatters, University of Texas at Austin's Jackson School of Geosciences

Utah

- **In-Person Events Hosted by:** Glen Canyon National Recreation Area, Grand Staircase-Escalante National Monument, Prehistoric Museum at Utah State University Eastern, Utah Core Research Center, Zion National Park
- **Promoters of Earth Science Week:** ABC4, Dinosaur National Monument, Utah Geological Survey, National Parks Traveler

Vermont

- **Promoters of Earth Science Week:** Million Girls Moonshot, State of Vermont Agency of Natural Resources, Vermont Afterschool

Virginia

- **State Proclamation:** The governor of Virginia issued a proclamation for Earth Science Week 2024
- **In-Person Events Hosted by:** Alexandria Archaeology Museum, College of William & Mary, Frontier Culture Museum, Richmond Society (AIA), Torpedo Factory Art Center, University of Richmond's Department of Classical Studies, Virginia Geology and Mineral Resources Program, Virginia Living Museum
- **Promoters of Earth Science Week:** Archaeological Society of Virginia, Captain John Smith Chesapeake National Historic Trail, Dovetail Cultural Resource Group, Germanna Archaeology, National Science Teaching Association, Nitty Gritty Science, Principia Tutors & Consultants, The Need Project, Virginia Association of Science Teachers, Virginia Commonwealth University's Rice Rivers Center, Virginia Energy, Prince William County School District, George Mason University's Department of Atmospheric, Oceanic & Earth Sciences
- **Participation in Earth Science Week Contests:** Mackenzie Campbell and Nirja Patel of Virginia Beach, VA were finalists in the 2024 Earth Science Week Essay Contest. Jerry Nissley of Alexandria, VA was a finalist in the 2024 Earth Science Week Photography Contest

Washington

- **In-Person Events Hosted by:** Burke Museum of Natural History and Culture, Northwest Museum of Arts and Culture, Puget Sound Chapter (AIA), Spokane Society (AIA)
- **Promoters of Earth Science Week:** Association for Washington Archaeology, King County Historic Preservation Program, Nisqually Indian Tribe Historic Preservation Program, Pertee, The Evergreen State College, University of Washington Anthropology and Classics Departments, Washington Geological Survey, Willamette Cultural Resources Associates
- **Participation in Earth Science Week Contests:** Alex Xu of Clyde Hill, WA was a finalist in the 2024 Earth Science Week Essay Contest

West Virginia

- **In-Person Events Hosted by:** Grave Creek Mound Archaeological Complex, The Hobbies Shop
- **Promoters of Earth Science Week:** Clay Center for Arts and Sciences, New River Gorge National Park & Preserve, Popular Archaeology, West Virginia Association of Geospatial Professionals, West Virginia Geologic and Economic Survey

Wisconsin

- **In-Person Events Hosted by:** Milwaukee Society (AIA), University of Wisconsin at Milwaukee's Greene Geological Museum
- **Promoters of Earth Science Week:** G.E. Bleskacek Family Memorial Library-Bloomer, Wisconsin Geological and Natural History Survey, Wisconsin's Digital Library

Wyoming

- **In-Person Events Hosted by:** Wyoming State Library, Sweetwater County Travel and Tourism, Rock Springs Historical Museum, the Sweetwater County Museum, and the Community Fine Arts Center
- **Promoters of Earth Science Week:** Big Horn Radio Network, The Cheyenne Post, Tate Geological Museum, University of Wyoming Geological Museum, Wyoming State Geological Survey

International Events

According to Google Analytics, the Earth Science Week website was accessed by users in 216 nations, territories, and regions in 2024. Some of the significant international activities included the following.

Argentina

- **In-Person Events Hosted by:** Fundación Da Vinci (Mendoza), Archaeological Institute of America

Australia

- **In-Person Events Hosted by:** Australian Earth Science Education (AusEarthEd), Australian National University's Science in Popular Culture Entertainment Hub's 'Popsicule,' CoRE Learning Foundation, Fuzzy Logic Podcast, Geological Society of Australia, Geological Survey of South Australia, Geoscience Australia, Questacon, The National Film and Sound Archive, Virtual Excursions Australia, Wildbark Visitor Centre at Mulligans Flat Nature Reserve, Geoscience Australia & Australian National University, Virtual Excursions Australia
- **Promoters of Earth Science Week:** Queensland University of Technology, Geoscience Australia, HerCannberra, PS News, Home Education Network Australia

The Bahamas

- **Promoters of Earth Science Week:** Bahamas Reef Environmental Educational Foundation

Belgium

- **In-Person Events Hosted by:** Destination Earth (DestinE), STEREO (Support to Exploitation and Research in Earth Observation)

Belize

- **In-Person Events Hosted by:** The Stann Creek Regional Archaeology Project & Institute of Maya Studies, Inc., Institute of Archaeology (NICH) Belize, Museum of Belize, Galen University, Archaeological Institute of America

- **Promoters of Earth Science Week:** Banquitas House of Culture (NICH), Belize Department of the Environment, Belize Forest Department, Belize National Biodiversity Office, Belize Tourism Board, Friends for Conservation and Development, Galen University's Anthropology Club, Institute for Social & Cultural Research ISCR NICH, Lamanai Outpost Lodge, Protected Areas Conservation Trust, Taiwan in Belize, U Chan Muul Yaax K'aax

Brazil

- **Participation in Earth Science Week Contests:** Raquel Abood Rodrigues, Luis Otávio Rodrigues Saldanha, Tiago Amâncio Novo, Pedro Augusto da Silva Rosa, Vítor Salgado de Melo, Raphael Martins Coelho, João Lucas Melo Carneiro, Débora Silvano Moreira, Mateus Batista Lopes dos Reis, Giovana Pires Cardoso Gonçalves de Minas Gerais, Brasil were finalists the video contest

Cambodia

- **In-Person Events Hosted by:** Institute of Technology of Cambodia, Khmer Earth Observation Laboratory

Canada

- **In-Person Events Hosted by:** Yukon Beringia Interpretive Centre, Long Ago Yukon, Niagara Peninsula Society of the Archaeological Institute of America, Brock University Department of Classics and Archaeology
- **Promoters of Earth Science Week:** Calgary Parks, PEGNL - Professional Engineers and Geoscientists Newfoundland and Labrador, Pinchin: Environmental and Engineering Solutions

Czechia

- **In-Person Events Hosted by:** The Faculty of Arts at Charles University, Museum of History in Mohelnice, Museum of History in Šumperk, Regional Museum in Mikulov, Muzeum Prahy/Museum of Prague, Slovak National Museum

England

- **In-Person Events Hosted by:** Geological Society of London, The Geological Society, Burlington House, Billetto UK, STEMunity, Mary Rose Museum, Mendip Hills, Somerset Earth Science Centre, Harlow Museum, Walled Garden
- **Promoters of Earth Science Week:** Geological Society of London, Somerset County Gazette

Germany

- **Promoters of Earth Science Week:** OneGeo

Greece

- **In-Person Events Hosted by:** INSTAP Study Center for East Crete

India

- **In-Person Events Hosted by:** Nirgranth Centre of Archaeology, Shri Shivaji Science College
- **Promoters of Earth Science Week:** Terre-X, The Geological Society of Ram Lal Anand College, University of Delhi
- **Participation in Earth Science Week Contests:** Sajan Saravanan of Tamil Nadu, India was a finalist the video contest

Japan

- **In-Person Events Hosted by:** Earth Science Week Japan Organizing Committee, Fujinokuni Earth Environmental History Museum, Japan Agency for Marine-Earth Science and Technology, Japan Shakeout Proposal Council Secretariat, Kyoto City Community Plaza Fukakusa HapiSpo, Museum of Natural and Environmental History, Ocean Life Museum, Shinpu Castle, Shizuoka Gofukumachi, Shizuoka Science Museum Ru-Ku-Ru, Togakushi Geology and Fossil Museum, Togakushi Museum of Natural History, Waseda University, Yamagata University Kojirakawa Campus
- **Promoters of Earth Science Week:** Japan Geoscience Union (JpGU), NPO Earth Science Olympiad Japan Committee

Malawi

- **Promoters of Earth Science Week:** Ntchito.com

New Zealand

- **In-Person Events Hosted by:** National Emergency Management Agency (New Zealand ShakeOut)
- **Promoters of Earth Science Week:** Seequent (Visible Geology)

Nigeria

- **Promoters of Earth Science Week:** Ahmadu Bello University

Pakistan

- **In-Person Events Hosted by:** Save Cultural Heritage Group

Pakistan

- **Promoters of Earth Science Week:** Startup Pakistan

Panama

- **In-Person Events Hosted by:** IDEAL in collaboration with the Municipality of San Miguel and with the participation of the María Rostworowski Cultural Association

Peru

- **In-Person Events Hosted by:** Punta Culebra Nature Center, Smithsonian Tropical Research Institute

Poland

- **In-Person Events Hosted by:** Upper Silesian Museum in Bytom/Upper Silesian Branch of Scientific Association of Polish Archaeologist, Archaeological Institute of America

Sweden

- **In-Person Events Hosted by:** GARBONOMIX, Archaeological Institute of America

Republic of Korea

- **Promoters of Earth Science Week:** Earth Science Week Toolkits were ordered by individuals and organizations.

United Kingdom

- **In-Person Events Hosted by:** Batts Combe Quarry, Blackmoor Reserve, Burlington House, Cheese & Grain, Headington Municipal Cemetery, Holywell Cemetery, London Geodiversity Partnership, London Natural History Society, Market Hall Museum, The Mendip Society, North Uist Development Company, Old Lochmaddy School, Oxford University Museum of Natural History, Riverside Gardens, Sidmouth Museum, Somerset Earth Science Centre, St. Mary & St. John Churchyard, St. Sepulchre's Cemetery, Tedbury Scout Campsite, Templar's Square Shopping Centre, The Geological Society, Warwickshire Geological Conservation Group, Wells & Mendip Museum, Wesley Memorial Methodist Church
- **Promoters of Earth Science Week:** GeoScientist Online, Origami Organelles, Petiole Pro, Taylor & Francis, The Royal Astronomical Society, UK Space Agency, University College London Earth Sciences, Earth Science Toolkits were ordered by individuals and organizations



Photo by Andrej Ciric, for the 2024 ESW Photography Contest



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