Earth Science Week 2021

The poster front includes an image of the Earth designed to show how water is found in the Earth’s systems — clouds, oceans, lakes, glaciers, Earth’s interior, plants, and more. The image can be used as the focus of a discussion of Earth’s systems — the atmosphere, biosphere, geosphere, hydrosphere — and how water is part of those systems and their interactions. The geosphere and atmosphere can also be considered, especially with respect to water in the future.

The poster image can be found online at: www.earthsciweek.org/images-and-logos

Get Connected
Find us on social media, go online and explore some of the electronic resources available through the Earth Science Week website:

- Classroom Activities (www.earthsciweek.org/forteachers/classroomactivities). Hundreds of educational resources available for all grade levels and subject areas highlighting on special days during the week, such as Minerals Day (Monday) and Geologic Map Day (Friday).
- Contests (www.earthsciweek.org/contests) provide guidelines on the program’s annual video, photo, art, and essay contests, which award prizes to students and others nationwide.

You’re Invited

- Schools and classrooms can hold classroom activities and invite guest geoscientists to give presentations. Students can do projects, compete in program contests, watch webcasts, and go on field trips to museums or local parks.
- Colleges and universities can encourage Earth science department, professors, and students to host an open house or conduct an event that educates the public about the geosciences.
- Geosciences companies and other organizations can reach out to communities by obtaining Earth Science Week Toolkits for local classrooms, hosting an open house, or sending a geoscientist to visit a local school.
- Museums and science centers can shine a spotlight on geoscience-related exhibits or create a program especially for Earth Science Week.
- Families and citizen groups can participate by planning an event or activity for their communities, youth groups, or schools.

Water is essential for life on Earth. While more than 70 percent of Earth’s surface is covered by water, most of it is saltwater in oceans. Only about 3 percent of the water on our planet is freshwater, and most of that is in glaciers, in the atmosphere, or otherwise inaccessible, leaving less than 1 percent of the total available for use by people and other living things.

Earth Science Week 2021 learning resources and activities are engaging young people and others in exploring the importance of water — and water science — for living things, Earth systems, and the many activities that people undertake. Individuals of all backgrounds, ages, and abilities are being engaged in building understanding of water’s role in topics including energy, climate change, the environment, natural hazards, technology, industry, agriculture, recreation, and the economy.

You are invited to join in the celebration of Earth Science Week 2021. Play your part by learning and raising awareness of the essential part that water plays in our lives and in the Earth systems — today and tomorrow.