

GEOSCIENCES EDUCATION

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Through billions of years of continuous change and transformation, our planet has acquired its current, vibrant, and dynamic character—a complex network of interconnected systems. Geosciences education, which seeks to shed light on these intricate planetary processes, encompasses the study, learning, and teaching of the Earth's natural characteristics and operational systems. This field draws upon a range of disciplines, primarily geology, as well as geophysics, hydrology, physical geography, geomorphology, cartography, pedology, climatology-meteorology, oceanography, and ecology.

Many of the social, economic, and environmental events that impact human societies are closely linked to the Earth's operational systems. It is of critical importance—especially given the recent prevalence of natural hazards such as earthquakes, mass movements, volcanic activity, and climate change—to understand these phenomena and prevent them from escalating into disasters. Furthermore, it is essential to foster awareness regarding the sustainability of energy, the prevention of the reckless consumption of natural resources, the protection of the environment, ecosystems, and geodiversity, and the comprehension of climate change and its potential adverse consequences. Ensuring that both the general public and policymakers utilize the findings of geoscience research is vital for addressing these challenges.

For the "Geosciences Education" session of the 79th Geological Congress of Turkey, we invite academics, educators, representatives of local governments, and non-governmental organizations—all those who wish to contribute to a vision of a society that understands the Earth's systems, is aware of risks, and can build a secure future—to submit papers for this session.