

Summary of the Activities of the Geological Society of Iran In the World Year (2022) of *Basic Sciences & Sustainable Development*

- 1- Specialized meetings in the field of various geoscience issues and holding educational workshops (one meeting per month or monthly educational workshop).
- 2- Conclusion of 10 scientific, educational and research memorandums between the Geological Society of Iran and executive organizations, and educational and research institutions.
- 3- Forming a joint committee with executive organizations to compile earth science courses according to the needs of industry, environment and natural hazards.
- 4- Release of the book entitled *the history of mining, water, oil and construction materials from ancient times to today in Iran*. The *mining history* section is also prepared and presented in 10 parts audio format.
- 5- Publication of a *multilingual geological glossary* with the cooperation of Farsi-speaking countries (Iran, Tajikistan, Afghanistan).
- 6- Preparing, compiling and publishing a 1:1,250,000 geological map of all of Iran, along with thematic maps.
- 7-Preparation and thematic compilation of a 1:500,000 geological map of entire Iran for the first time by the *Geological Society of Iran* and the *Geological Research Center Pars Arin Zameen*.
- 8- The formation of the mineral geotourism committee in *Iran's Mining House*, which is chaired by the President of the Geological Society of Iran.
- 9- Cooperating with Iran Mine Gemstone Committee, whose chairperson is also the the president of *Iran Geological Association*.
- 10- Forming a House of Geologists by giving priority to representatives of geology teachers of the country's provinces with the aim of expansion and development and convergence of geologists in education and research matters; It should be noted that the House of Geologists now has a very good relationship with geology teachers.
- 11- The formation of the Women's Committee of the Geology Association, considering the significant statistics and the role of women geologists and female students in graduate studies, and providing the grounds for more attention from executive bodies to enroll them in research activities and construction and executive projects.
- 12- Special appreciation for active women in earth sciences, which was first done at the 25th Annual Conference of the Geological Society of Iran in 2022.
- 12- Honoring veterans and top researchers and introducing the best earth science books released by universities, executive organizations and the private sector.
- 13- Proposal of the 13th of Shahrivar, the birthday of Abu Rihan Biruni, as the Day of Basic Sciences by the Geological Society of Iran to the *National Headquarters of Basic Sciences*

Commemorium (2022) ; This proposal was finally approved by the Supreme Council of the Cultural Revolution following the attempts of the Basic Sciences Headquarters.

14- Cooperating with the National Headquarters of Basic Sciences and participating in all its meetings and presenting various proposals, including the suggestion of the International Day of Basic Sciences (13 Shahrivar, Abu Rihan Biruni's birthday).

15- Signing of a *Memorandum of Understanding* with the UNESCO Chair of Earth Sciences for joint cooperation, with the priority of the Year of Basic Sciences & Sustainable Development and a specialized meeting in the field of Natural Hazards in earth sciences.

16- Speech and meeting entitled *The Position of Geological Science and how to communicate with educational, research and executive organizations* in the gathering of Earth science experts and the *Geological Organization of the Country* and the *Mining Engineering System* of Tehran province.

17- Preparation of a clip of Nature and beautiful sights of Iran, which was done with field operations and field observations. This clip is available on the website of the Geological Society of Iran.

18- Holding a webinar titled "How is the Earth?" with a special attitude to Dust and Subsidence" on the occasion of World Earth Day (April 22).

19- Holding a special meeting of the Provincial Basic Sciences Working Group at Bo-Ali University in Hamedan and Geological Society of Iran (21 May 2022)

20- Also, cooperation in the Specialized Meeting of Lead and Zinc Deposits in Shahrood University on July 15 and 16, 2022.

20- Holding a specialized meeting of women in geology and mining in cooperation with the Mining Engineering Association, the Geological Society of Iran and the Mining Engineering System Organization on June 5, 2022.

21- Holding a specialized webinar on industry and mining and National Day of Industry and Mining with the help of Geological Association of Iran, Mining Engineering Association and Engineering System Organization of Tehran province on July 7, 2022.

22- Signing a *Memorandum of Understanding* with Earth Sciences Quarterly, one of the country's most important journal in Earth Sciences.

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