

## Geochemical Exploration of Precious and Industrial Minerals in Desert lands in ECO region

<b>1. Project Category</b>	<b>Minerals\Mapping</b>
<b>2. Project Title</b>	Geochemical Exploration of Precious and Industrial Minerals in Desert lands in ECO region
<b>3. Project Objective(s):</b>	Proposing an effective and wide-sampling method for identification of high potential regions for exploration of precious and industrial minerals ' Designing detailed exploration projects in promising areas ' Extending the results of study area to regional scale
<b>4. Project Budget:</b>	300.000 USD
<b>5. Project Funding Source:</b>	ECO (15%) and GSI (85%)
<b>6. Coordinating Country/Organization:</b>	ECO Secretariat – Energy Minerals and Environment
<b>7. International/Regional Partner:</b>	Geological Survey of Iran
<b>8. Duration of Project (Months):</b>	9-12 months
<b>9. Project Starting Time (M/Y):</b>	2022
<b>10. Project Progress Ratio(%):</b>	-
<b>11. Expected Project Completion Time (M/Y):</b>	- 2023
<b>12. Project Budget Released (%):</b>	-

### **14. Background:**

The 7<sup>th</sup> ECO MEGM was held on 5-7 August 2018 in Sanandaj, Kurdistan Province of I. R. Iran. During the course of the meeting, the participants from the Member States deliberated on the current potential project proposals in the relevant area, which were under consideration by that period of time viz. Geodynamic and present-day Crustal Stress (ECO-GeoDyS) Map of the ECO Region; Preparing ECO-Environmental Quality Index Map of the ECO Region (ECO-EQI); Preparation of Mineral Deposit Types and Metallogenic Map of the ECO Region; Spiroclast Map of mobile belt between Gondwana and Eurasia. GSI of Iran also put forward two new project proposals, namely, Landslide Hazard Zonation

(LHZ) of ECO Region; and Geochemical Exploration of Precious and Industrial Minerals in Desert lands in the ECO Region.

**15. Current Status:**

On April 26, 2022, with the aim to increase participation from more Member States, the Secretariat along with Iran, co-organized validation meeting to attract them and approve validity of ToR. Participated Member States supported project. The Meeting report by silence procedure has been adopted on May 20, 2022.

**16. Necessary Actions and Assistance Needed:**

1. The initiator country together with the Secretariat may appeal one of the next CPR meetings for consideration and allocation of 50000USD from the ECO FGPF for the said project. In this scenario, upon decision of CPR the contract will be undertaken by ECO Secretariat and the project manager – Tabriz University.

2. All Member States are required to take active part to share necessary information during project implementation process.

**17. Expected Outcomes of the Project:**

**Outcomes:**

This project will result in a series of maps on which the distribution of precious and industrial minerals has been plotted

Proposing an effective and wide-sampling method for identification of high potential regions for exploration of precious and industrial minerals ' Designing detailed exploration projects in promising areas Extending the results of study area to regional scale

*Reference: About Mineral Sector, all four projects have been initiated by the Government of Iran which is commendable. The Secretariat has validated all projects with the support of member states. The Secretariat has requested the Iranian side to consider one from these four projects for bringing under consideration during the upcoming CPR for allocation of funds.*