

**MTA-JICA
INTERNATIONAL TRAINING PROGRAM ON
(THIRD COUNTRY TRAINING PROGRAM)
“CAPACITY BUILDING ON
EXPLORATION AND EVALUATION OF MINERAL
RESOURCES FOR AFRICAN COUNTRIES”**

23 November – 4 December 2026

MTA – TİKA - JICA

ANKARA – TÜRKİYE

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MTA-JICA TRAINING PROGRAM (TCTP) ON CAPACITY BUILDING ON EXPLORATION AND EVALUATION OF MINERAL RESOURCES FOR AFRICAN COUNTRIES

1. INTRODUCTION

The Government of Japan provides cooperation to developing countries through the Japan International Cooperation Agency (JICA) by various schemes, one of which is called “Third Country Training Program (TCTP)” and has been carried out since 1974 in many countries. Within this scheme, a governmental organization from the host country, which is capable of implementing training courses for neighboring developing countries, may organize a training program on the specified subjects with assistance provided by the Japanese Government.

On the other hand, the Turkish Cooperation and Coordination Agency (TİKA), established in 1992, with the aim of providing developing partner countries with technical cooperation and assistance schemes, has implemented numerous programs since then. Drawing on the experience of both agencies, they decided to collaborate for this initiative with the Directorate General of Mineral Research and Exploration (MTA).

The main objective of the program is to contribute to the sustainable development of the mining sector for invited countries to the program and to provide training considering their specific conditions and needs.

2. PROGRAM OUTLINE

2.1- Title of the Course: “Capacity Building on Exploration and Evaluation of Mineral Resources”.

2.2- Implementing Agency:

Directorate General of Mineral Research and Exploration (MTA)

2.3- Duration: 23 November – 4 December 2026

2.4-Invited Countries to the Program: Nigeria, Mauritania, Chad, Syria, Pakistan, Azerbaijan, Kazakhstan

2.5- Number of Participants: 14 trainees in maximum. The Steering Committee will choose appropriate applicants.

2.6- Objective and Purpose of the Training: The purpose of the Training Program is to provide participants an opportunity to improve their knowledge and techniques in the mining sector in the field of exploration, evaluation, investment promotion and environmental aspects of mineral resources exploration and evaluation. Moreover, all these participants are trained under a common training program which will provide considerable contribution to setting up

the technical group in order to use sustainable development of mining sector, and to contribute to socio-economic development.

On the other hand, this training will also be helpful to improve the cooperation and friendship among the countries. In addition to gaining technical knowledge, participants will have opportunities to meet with colleagues from other ministries, to establish fruitful relations and exchange ideas.

2.7- Expectations: The participants are expected to have fundamental knowledge of exploration and evaluation of mineral resources. Furthermore, it is expected to promote the mining sector in their country and build up cooperation between Türkiye and Japan.

2.8- Contents of Curriculum: The timetable and the provisional titles of the lectures are given in Annex I.

2.9- Qualifications for Applicants:

2.9.1- Current Duties:

Having fundamental level of knowledge in exploration techniques and/or evaluation of mineral resources and currently engaged in mineral exploration (industrial raw materials and metallic minerals).

2.9.2- Age: Preferably under forty-five (45) years of age.

2.9.3- Education: Graduated from department of geosciences (geology, geophysics and mining) of a university.

2.9.4- Experience: Have at least two (2) years of experience in the field of exploration and evaluation of mineral resources.

2.9.5- Language: Have a good command of spoken and written English.

2.9.6- Nomination: Be nominated by their respective Governments in accordance with the procedure stipulated in 2.10 below.

2.9.7- Health: Be in good health condition, both physically and mentally, in order to complete the course.

2.9.8- Relationship with the Military: **Not be serving in the military and not utilize knowledge and skills acquired in the training for military purposes**

2.10- Required Documents for Application:

2.10.1- Application Form: Applicants should fill in the Application Form given in **Annex II**. It must be signed by a responsible government official.

2.10.2- Inception Report: To be submitted together with the Application Form. Please refer to **Annex III** for the format of Inception Report to be filled in English.

2.11- Procedure for Application and Selection

1) Submitting the Application Documents: The government desiring to nominate applicants for the TCTP program should fill in and forward two copies of the prescribed application form for each nominee to TİKA Program Coordination Office (PCOs) (or the Embassy of Türkiye in case of no TİKA Overseas Office) no later than **October 28, 2026**.

2) Selection: Selection of appropriate nominees will be done by the Steering Committee.

3) Notice of Acceptance: Notification of results shall be made to the respective Governments no later than **November 04, 2026**.

3. BACKGROUND

3.1- MTA: Directorate General of Mineral Research and Exploration (MTA) is the official geological survey of Republic of Türkiye established in 1935 to perform scientific research and investigations in mineral resources.

Since 1935, it has been the competent authority in the country for the exploration, research, and evaluation of natural resources. The main fields of interest are metallic minerals, industrial raw materials, energy raw materials, geothermal resources and all kinds of geological applications. MTA is instrumentally well equipped and has qualified staff. The institution has the capacities in geological mapping, stratigraphy, tectonics, petrology, geophysics, geochemistry, environmental geology, mineralogy, paleontology, mining geology, engineering geology, remote sensing and geographical information systems, mineral analyses, drilling, chemical analyses, feasibility studies.

Head office is located in Ankara, which has 10 technical departments along with several administrative departments and 12 district branch offices distributed throughout the country.

MTA has extensive experience in international capacity-building projects, including the successfully implemented Third Country Training Program on “Exploration and Evaluation of Mineral Resources” between 1997- 2008 with JICA.

3.2- The Turkish Cooperation and Coordination Agency (TİKA):

TİKA is the main implementing agency for Türkiye’s development cooperation policy and is responsible for providing aid in collaboration with Turkish institutions, international organizations and bilateral donors, as well as collecting Official Development Assistance (ODA) statistics. TİKA has 63 coordination offices located in 61 countries and delivers development assistance to partner countries through its projects and activities across the globe.

The main focus of TİKA in terms of development aid sectors is: education, health, water supply and sanitation, agriculture and forestry, good governance, development of the private sector, communication, cultural cooperation and transportation infrastructure. Occasionally, TİKA also provides partner countries with humanitarian assistance to a limited extent. Its activities are undertaken through capacity-building programs (skills development, disaster management etc.), dispatch of experts, donation of equipment and financing infrastructure and construction projects. Moreover, it helps them to contribute to governance structures compatible with poverty reduction, human security, equality and participatory development in alignment with SDGs and development priorities of partner countries. TİKA has been providing technical assistance to neighboring and partner countries in various fields since 1992. The initial years of Türkiye’s development cooperation activities concentrated on the development process of Central Asian, Caucasian, and Balkan countries. In recent years, Türkiye’s development cooperation activities have been extended to Africa, Middle East, Asia, Far East, Pacific and Latin American countries.

3.2- Japan International Cooperation Agency (JICA):

JICA is a governmental institution that provides technical assistance to developing countries within the framework of Official Development Assistance (ODA) of the Japanese

Government. On October 1, 2008, JICA officially merged with the economic cooperation arm of Japan. Bank for International Cooperation (JBIC) to form the new JICA. New JICA provides ODA through a combination of technical cooperation, concessionary loans (ODA loans) and grant aid to more than 140 countries via its 100 Overseas Offices around the world.

The primary target of JICA activities is to actively serve for socio-economic development of the developing countries throughout knowledge and technology transfer. Main schemes of JICA's technical cooperation projects are: acceptance of trainees, dispatching experts, provision of equipment, and implementation of development studies such as master plans, feasibility studies, dispatching Senior Volunteers and Japan Overseas Cooperation Volunteers (JOCV).

JICA has been providing technical assistance to Türkiye for almost 60 years. With intensifying JICA activities in Türkiye, the JICA Türkiye Office was launched in Ankara in June 1995. According to the aid guideline of the JICA Türkiye Office, decided jointly by the Turkish and Japanese Governments, five priority areas of assistance are: 1) Improvement of Environment, 2) Human Resources Development for Promotion of Socio-economic Development, 3) Alleviation of Regional Imbalances, 4) Disaster Management, 5) Capacity Building of Development Assistance to the Neighboring Developing Countries (South-South Cooperation). Within the framework of South-South Cooperation, TCTP's have been implemented for the neighboring countries in various fields since 1997.

4. EXPENSES

The following expenses will be provided:

- 1) Round-trip ticket from the capital city of each country.
- 2) Half-board accommodation (bed and breakfast), living expenses (per diem).
- 3) Expenses for study tours.
- 4) Health insurance which covers free medical care for participants who become ill after arriving in Türkiye (costs related to pre-existing illness, pregnancy, or dental treatment are not included and if treatment expenses exceed the amount of health insurance, it will be charged partly from the participant).
- 5) Expenses for training program implementation, including materials.

5. ATTENTION

5.1- Flight Ticket: Participants are requested to arrive and leave Türkiye on the dates designed by MTA after confirmation of acceptance. E-tickets will be submitted by MTA to selected participants through e-mail. (Detailed information will be received from the TİKA PCOs.) **Participants will be met at the exit of International Arrival at Ankara Airport.**

5.2- Passport and Visa: The participant should carry out all necessary procedures for the international trip, such as passport and visa (if required). Expenses regarding passport and visa should be borne by the participant.

5.3- Photographs: For administrative purposes, participants are requested to bring two (2) passport-size recent photographs.

5.4- Inception Report Presentations: Each participant should make an inception report presentation within about ten minutes in the first week of the training. In the report, the format

of which is given in Annex III, participants are expected to explain their duties/activities as well as problems encountered.

5.5- Study Report (Action Plan): Participants should formulate and present a Study Report at the end of the course. Study Report is to show what you will do for better activities in your organization with the result of training in Türkiye. By making and presenting the Study Report, the participants are expected to figure out how to solve problems in their duty/activities or what challenges can be addressed at their job/activity based on the information that you will gain through this training course. Study Report will be prepared during the training course, and guidance will be provided after you arrive in Türkiye.

5.6- Submission of Final Report: Participants should submit a Final Report including a description of progress of the Action Plan to MTA **eight months** after termination of the course.

5.7- Climate: The approximate mean temperatures at the end of November and beginning of December in Ankara are given below. Participants are advised to bring the appropriate clothes.

Temperature (°C)	Ankara	Site
Average Max	5-8	2-5
Average Min	-1	-2

5.8- Pre-departure Orientation: A pre-departure orientation will be held at the respective country's TİKA PCOs to provide participants with details on travel to Türkiye, conditions of the course and other matters.

5.9- Obligations:

- to follow the schedule of the program,
- not to change course subjects and extend or shorten the course period,
- not to bring any members of their family,
- to return to their home country at the end of the course according to the international travel schedule designated by the travel agency-chosen by MTA,
- to refrain from engaging in political activities or any form of employment for profit or gain,
- to follow the rules and regulations of their place of accommodation and not to change accommodations designated by the travel agency-chosen by MTA

5.10- Correspondence Address:

Directorate General of Mineral Resources and Exploration (MTA),
Çukurambar Mahallesi Dumlupınar Bulvarı No:11 06530 Çankaya/Ankara
Eskişehir Yolu – Ankara – TÜRKİYE Phone/Fax : +90- 312- 201 10 00/+90- 312- 287 91 88

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TİKA Program Coordination Offices:

CHAD:	
Turkish Cooperation and Coordination Agency (TİKA)	
N'Djamena Program Coordination Office	
Address: Diguel Est a Cote de l'hotel Ledger Plaza Villa A3 P.B. 884 Encemine	
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SYRIA:	
Turkish Cooperation and Coordination Agency (TİKA)	
Damascus Program Coordination Office	
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Fax	
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PAKISTAN:	
Turkish Cooperation and Coordination Agency (TİKA)	
Islamabad Program Coordination Office	
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Turkish Cooperation and Coordination Agency (TİKA)	
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KAZAKHSTAN:	
Turkish Cooperation and Coordination Agency (TİKA)	
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ANNEX I

Program for "Third Country Training Program on "Capacity Building on Exploration and Evaluation of Mineral Resources"

Week I						WEEKEND	
Hour	24 Nov Monday	25 Nov Tuesday	26 Nov Wednesday	27 Nov Thursday	28 Nov Friday	29 Nov Saturday	30 Nov Sunday
09:30-10:20	Opening Ceremony	Basics of Mapping and Handled GPS	Porphry Cu and Epithermal Au-Ag Deposits	Data Collection in the Field	Exploration of Rare Earth Elements	FIELD TRIP	
10:30-11:20		Methods of Sampling in Mineral Exploration	Skarn Deposits	Iron Deposits	Radioactive Raw Materials		
11:30-12:30	MTA Campus Tour	Stages of Mineral Exploration	VMS Deposits	Geochemistry in Mineral Exploration and Preparation of Geochemical Atlas (Japanese Expert)	Fossil Solid Fuel Exploration		
LUNCH							
13:30-14:30	MTA Presentation	Stages of Mineral Exploration	SEDEX and MVT Deposits	Exploration of Industrial Geochemistry in Mineral Exploration and Preparation of Geochemical Atlas (Japanese Expert)	Fossil Solid Fuel Exploration		
14:30-15:30	Presentation of Country Reports (by participants)	Classification of Mineral Deposits	Orogenic Gold Deposits	Geochemistry in Mineral Exploration and Preparation of Geochemical Atlas (Japanese Expert)	Reserve Classification and Calculation		
		Classification of Mineral Deposits	Ophiolites and Related Deposits		Reserve Classification and Calculation		

ANNEX I

Program for "Third Country Training Program on "Capacity Building on Exploration and Evaluation of Mineral Resources"

Week II					WEEKEND
Monday					Monday
Tuesday					Tuesday
Wednesday					Wednesday
Thursday					Thursday
Friday					Friday
Saturday					Saturday
Sunday					Sunday