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M. Rasim MUTUK- Sehavet MERSİNOĞLU



The opening speech delivered by the
General Director

Dr. SADRETTİN ALPAN

on the 22nd of June 1965, at the
ceremony to celebrate the 30th
anniversary of the Mineral Re
search and Exploration Institute, at
the same time paying tribute to
members who have completed 25
years of service.



All the General Directors have come together on the anniversary day. From left to right : İhsan Rahi Berent, Reşit Osman Gencer, Dr. Sadrettin Alpau, Hadi Yener, Evin İplikçi.

Dear guests,

Once again, you are welcome to our traditional annual meeting when we take special pleasure to express our feelings, on behalf of the M.T.A. as a whole, to those members who have completed a period of 25 years of service in the Institute without interruption.

This happy event also coincides at this time with another: namely, the thirtieth anniversary of the foundation of this Institute and gives me great pride to be the one to address our distinguished guests and friends on this twofold occasion.

Before proceeding with the distribution of medals, I want to take a few minutes of your time, to summarize for you our activities in the past year.

In 1964, 26 projects were carried on and 95 % of the job completed. Also, financially, realization of the 89 % of the investment program were made possible.

In different parts of the country, covering iron, coal, lead, zinc, antimony, aluminium, manganese, meerschaut, magnesite, alunite, phosphate, cuprous pyrite, asphaltite deposits and geothermal energy studies, a total of 26,343 m exploratory well-drilling, 9700 m³ trenching and 641 m shaft-sinking was carried out, resulting in the discovery of ore deposits of 100 million tons phosphate in Mazıdağ (Mardin), 26 million tons bauxite in Seydişehir, 8 million tons lignite in different parts of the country, 5

million tons magnesite in Konya, 6 million tons asphaltite in Şırnak, 3 million tons pyrite in Küre, 50 thousand tons antimonite in Turhal and 250 thousand tons iron ore in Kayseri-Taçin, total worth of some 5.2 billion Turkish liras.

The Institute has investigated a number of private sector claims which covered iron, coal, copper, lead, zinc mercury, antimony, manganese, chrome, phosphate, meerschaut, borate and fluorspar deposits doing detailed study and drilling on 49 of them.

1:500,000-Scale Geologic Map Project

Upon completion of 1:100,000-scale maps in 1955, necessary steps were taken in 1959 for the publication of a 1:500,000-scale geologic map, comprising 18 map-sheets. The printing work started in 1961 and was brought to completion in 1965.

Petroleum Project

In closed petroleum areas nos III and IV, especially in Darende, Hafik and Mercan-Tercan regions, geological and geophysical studies were continued with promising results.

Aerial Survey Project

Using Dornier and Aero Commander type planes, previously obtained, phosphate and uranium prospection flights were made. An agreement was signed between the Turkish and U. S. governments regarding procurement of geophysical equipment to be installed in these planes to conduct magnetic and electromagnetic surveys. Necessary steps were taken to place the orders and the prospection flights are expected to begin in a few months time.

Geothermic Energy Project

Geological and geophysical studies are being efficiently conducted within the regions in our country, displaying rich hot-water spring activities, with a view to finding natural steam which constitutes the most economical source of energy.

After negotiations with the United Nations and in order to speed up this line of work, a geothermic energy project totalling about one million dollars was formulated and submitted to the government, to be relayed with priority to the U. N. It is hoped that the necessary approval will be obtained by January 1966.

Natural Gas Survey Project

An inventory of the possible natural gas localities was started recently, taking into consideration origin of the gas, location and extension.

Phosphate Project and Phosphate and Chrome Investigation Center

In parallel, with the Phosphate Project which successfully led to the discovery of phosphate deposits, from which raw material will be supplied to the Turkish super-phosphate plants in the near future, studies are already under way in the Phosphate and Chrome Investigation Center? now being organized under an agreement between the Turkish government and OECD, steps are taken for Turkey to be made a member of the Geothermic Energy Investigation Center situated in Italy, organised by the Italian Government and OECD.

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Turkey's Mineral Inventory Project

Work covering mineral inventory and markets is also in progress. To serve this purpose an agreement between the governments of Turkey and the Netherlands was signed, where by a pilot market study was started by experts from the Netherland's Economy Institute. It is our intention to publish a separate booklet covering each mineral, as the inventory work progresses. Inventories for iron, marble, manganese, sulphur, pyrite and bauxite occurrences are now being worked on.

1:25,000-Scale Geologic Map Project

Although we are in touch with the West Germany, U.S. and U.K. governments on the subject of the 1:25,000-scale geologic map of Turkey, no fruitful stage has as yet been reached. However, the project enjoys an international attention, as university professors and students working towards their Ph. D. degrees, both in Turkey and abroad, are getting more interested in this project. In 1964, seventeen Ph. D. students from foreign universities were in Turkey and took active part in the work.

Construction Project

The new construction will include more working space, better equipped laboratories and facilities to run pilot tests on semi-industrial materials, along with scientific research work. Most of this construction program is expected to be completed in the Spring of 1966.

World Food Project

According to the agreement between the U.N. and the government of Turkey, food is now being delivered to us under the «World Food Program» to be distributed among our workers who are connected with the Institute's «Mineral Prospecting and Exploration Project». Distribution is already under way.

CENTO Activities

Turkey as a member of CENTO, joined in to work on the mining problems concerning participant countries.

In 1964 a symposium on «Mining Geology and Base Metals» was planned and successfully conducted in Turkey, much to the benefit of all participants.

Revision of the Institute's Law

With the purpose of speeding up the Institute's activities and determining the underground potentiality, a draft was prepared for the revision of the Institute's Law and was transmitted to the Parliament. It is hoped that this will be enacted in 1966.

The result of 30 years' work

As a result of 30 years' work by M.T.A., the mineral wealth is worth around 77 billion Turkish liras, leaving out the Zonguldak coal basin. It is also proven that, despite the old belief, Turkey is rich both in variety and reserves as far as underground resources are concerned.

The far-reaching contribution of the M.T.A. towards industrialization of the country is well marked, in the fact that just about all of the needed raw materials were found through this former's. The Institute is credited with having worked out

basic studies for nearly every new industry in Turkey and actually led the way for the foundation of some of them; including, glass, cement, nitrogen, steel, mining and petroleum industries.

The training of the necessary technical personnel has been another big success for the Institute since its inauguration. Large numbers of students were sent abroad to study in various branches of earth sciences, while some were helped through to get their degrees in Turkish universities. Among these well-trained men quite a few now hold responsible positions as executives, professors both in Turkey and abroad.

The unity and the devotion of the people in the Institute has been behind most of this remarkable development.

It is our earnest hope that a speedy discovery of all underground resources of this country, coupled with their efficient utilization, will help overcome all financial difficulties, whether internal or external, and in a short time render this nation self-sufficient. M.T.A. will always be ready and prepared to shoulder its share in this effort.

The mineral resources discovered by the Institute should be put in operation and new industries which are needed by our country should be initiated as soon as possible. Institute's aim is to see the economic and practical results of their successful achievements gained through hard work.

Speaking for the Institute, it is my duty to express our sincere thanks to the United Nations and to the OECD organization, to the United States of America for their help for our various projects, to the French government for scholarships provided for our student trainees in France, to the United Kingdom for sending experts through the Technical Assistance Fund and also providing scholarships for our trainees, to the Netherland Government for financing the Mineral Inventory Project, to the government of West Germany for being always ready and willing to help solve our problems.

I also want to thank the M.T.A. personnel for their efforts towards the realization of our projects.

I want to acknowledge the efficiency of the Documentation and Publishing Department and the personnel of the printing Shop, for publishing ten books and booklets within the last few months, on the occasion of the thirtieth anniversary of the M.T.A.

I likewise, want to thank and congratulate all those involved for their extraordinary ability to prepare and stage, within a very short period of time, an M.T.A. march, a movie picture, folklore dances and a sports show.

Before closing, I want to express with heartiest thanks, the perfect cooperation extended by the Turkish Geodetic Survey in printing our maps and brochure, and the Army's Movie Picture and Photo Center personnel who joined hands with us when we needed them.

Now with a feeling of gratitude, I am indeed very proud and happy to hand seven of my friends and Institute members their hard-earned and well-deserved Service Medals commemorating 25 consecutive years of faithfulness, loyalty and efficiency.

Dr. Sadrettin Alpan

General Director

DISTRIBUTION OF MEDALS

After the opening speech of the General Director, Reşit Osman Gencer, first General Director of the Institute, made the following speech :

Ladies and Gentlemen,

I think that I am speaking on behalf of all by expressing my gratitude to the General Directorate of the M.T.A. Institute who organized this meeting in order to celebrate this happy anniversary.

As one of the senior mining engineers, I am also feeling extremely happy today.

I am happy, because I have been granted the privilege of celebrating this anniversary among you all and was able to see that the seed sown thirty years ago has grown and gave its fruits. No extraordinary skill is needed for sowing a seed, anybody can do that. But in order to get better fruit, the soil should be productive and the seed lively.

There is no doubt that the soil is productive, because we all agree that nature bestowed upon our country unlimited possibilities in respect of minerals.

The seed is also fruitful, because it supported morally all those who have faithfully worked for this organization for thirty years.

One of the most important factors, probably the first one, which led to success has been the habit of working in cooperation, which has become a tradition at the M.T.A. Institute.

As an elder brother of young colleagues, I wish to recommend them to continue this tradition. They must always bear in mind that personal success is based upon the success of others and of the Institute.

Those who are old enough would remember the conditions that prevailed those days. There were very few mining engineers, geologists and other specialists who were experienced enough. Therefore, we had to employ foreign specialists or those who were experienced only in field work.

There was no national mine even attached to the Government sector; so mining engineers and geologists, though limited in number those days, were faced with difficulty of finding jobs for themselves.

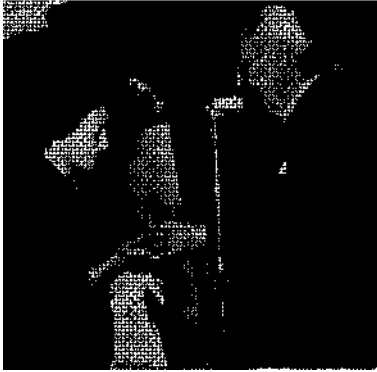
Yet, we are all aware of the developments that took place in thirty years. Our young friends are on duty all over the country. They have already shown that they are able to conduct all kinds of work, no matter how complicated they are. Thus, they proved that they deserved Atatürk's confidence. This we should believe in, and as long as this conviction of ours is strong enough, we do not have to be afraid of failing.

I can state, without any exaggeration, that if the M.T.A. Institute were not established, the mining activities of both Government and private enterprise would not reach to that level which we still find moderate. The M.T.A. Institute has been the source of this development, led the way and compiled many useful data. Those who have been working for this Institute devotedly, since thirty years, might be proud with the result.

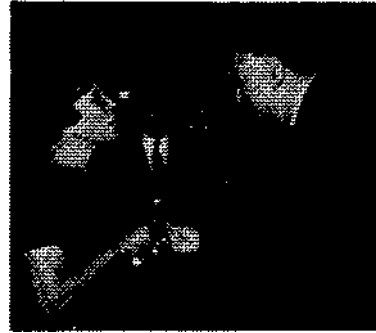
I am sure that you all share the deep sympathy felt for those who also devotedly worked for this Institute and passed away since. May I, at this time, ask the audience please to stand up and join me in a silent tribute for those friends of ours.

Reşit Osman Gencer

The first General Director
of the M.T.A. Institute



Reşit Osman Gencer, first General Director, giving medal to Dr. Cahide Kırışlı.



Hadi Yener, second General Director, giving medal to Dr. Lütflüye Erentöz.



İhsan Ruhi Berent, third General Director, giving medal to İhsani Atayık.



Emin İplikçi, sixth General Director, giving medal to Ayye Alpar.

VIII



Dr. Walter Joachim Hille, Under-Secretary of the German Embassy, giving medal to Cenan Zamur.

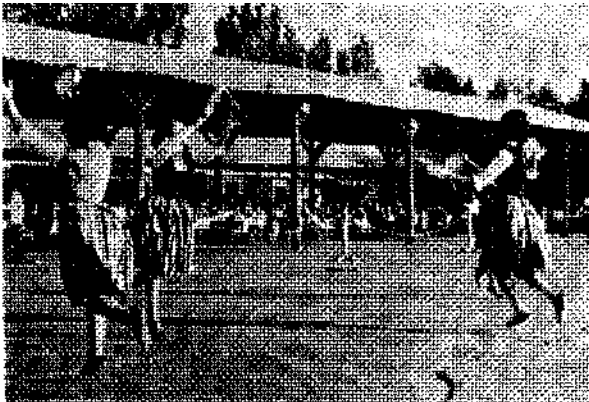


Kâmil Haznedaroğlu, Head of the Mining Administration, giving the medal of Veli Aydın to Talât Altan.



James P. Grant, President of A.I.D., giving medal to Mehmet Dimenci.

Sport and folklore teams of the Institute on the anniversary day



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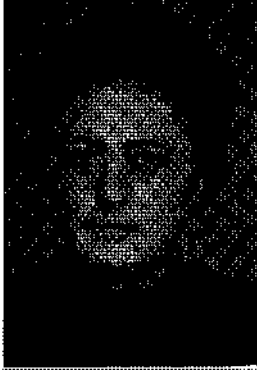


Dr. Cahide Kıraglı
Paleontologist

**Members of the Institute
Who Have Completed
a Period of 25 Years
of Service**



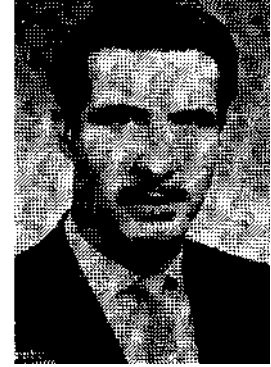
Dr. Lutfiye Erentöz
Paleontologist



Ayşe Alpars
Typist



İbhami Atayık
Purchasing Expert



Cenan Zamur
Storekeeper



Mehmet Dümenci
Driller



Veli Aydın
Mining Foreman