

NATIONAL UNION of GEODESY and GEOPHYSICS of TURKEY

**The Report of
COMMISSION of VOLCANOLOGY and CHEMISTRY
of the
EARTH'S INTERIOR**

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INTRODUCTION

The Turkish National Commission for Volcanology and Chemistry of the Earth's Interior (TAVCEI) had continued his work in the period between 2003-2006 on the coordination of the scientific studies on magmatology and geochemistry in Turkey.

The commission is sponsored and supported by the General Directorate of Mineral Research and Exploration (MTA), which corresponds to the Geological Survey in many countries. MTA not only provides the secretarial support but also the web-page of the Commission. The scientific efforts of the Commission are flanked by a considerable number of scientists from the Geology Departments of the leading Universities such as İstanbul Univ., İstanbul Technical Univ., Black Sea Univ., Selçuk Univ., Middle East Technical Univ., Hacettepe Univ., 9 Eylül Univ., Çukurova Univ. etc. From these about 100 scientists are actively involved in the sub-commissions and committees. A group of graduate students and young scientists are also implicated in the activities.

The main goal of the Commission is to coordinate the studies and realize databases on the geochemical analyses and geochronological age data on igneous rocks. Moreover it systematically collects the published documents on related topics and transfers information on IAVCEI-related topics via its mail-group and web-page.

Further goals of the Commission are

- 1- to organize courses, summer-schools, work-shops, symposia and congresses on related topics,
- 2- to inform the public on the volcanogenic hazards
- 3- to provide basic knowledge on the igneous processes in the Earths interior within the framework of popular science.
- 4- to coordinate the multi-disciplinal studies

The Sub-Commissions and Working Groups of TAVCEI are structured according to the popular issues in the country and include:

- 1- SC of Volcanology and Geothermal Energy
- 2- SC of Geochemistry
 - a- WG on Granitoids
 - b- WG on Ophiolites
 - c- WG on Alkaline magmatism
- 3- Isotope Geochemistry and Geochronology
 - a- WG for Data Bank of radiometric ages of plutonic rocks
 - b- WG for Data Bank of radiometric ages of volcanic rocks
- 4- Pyroclastic Deposits
- 5- Igneous Mineral Deposits
- 6- Data Bank on Geochemistry

- 7- Geological Heritage and Natural Monuments of igneous origin
- 8- Igneous Terminology in Turkish
- 9- WG for TAVCEI-Bulleten
- 10- WG for Documentation

In the following the Commission reports its activities and a list of related publications in the 2003-2006 interval.

Further activities of the TAVCEI can be seen on the following web-address of the Commission: **<http://www.mta.gov.tr/tuvak>**

PUBLICATIONS

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