

PROLOGUE

The Organizing Committee of the 10th International Congress "Crossroad of Geology-Development-Culture" of the Geological Society of Greece (G.S.G.), taken place in Thessaloniki from 15 to 17 of April 2004, has the pleasure to announce the publication of the Congress's Proceedings. As it is known the Congress was co-organized by the School of Geology of the Aristotle University of Thessaloniki, the Institute of Geological and Mineral Exploration (Regional Unit of Central Macedonia), and the Geotechnical Chamber of Greece.

The primary goal of the Congress was the presentation of the recent advances in Geosciences, both basic and applied, in the Hellenic and broader Mediterranean area, and through them to make known the necessity and the priorities of the geological science, the detection of problems and the ways of solving them, and the application of policies. We are sure that this goal has been achieved.

The works of the Congress covered nearly the whole spectrum of the geological topics and characterized it as a high level well-organized Congress. The 1020 registrations, the 367 presentations, the 790 authors, and the more than 100 foreign participants from 16 countries confirm this characterization. The success, however, of the Congress is due not only to the number of participants and presentations but mainly to the prestige of the participants and the high level of their works. Participants were from all Greek Universities, Technological Institutes, Research Institutes, and private companies. One important and promising thing, however, we have to stress was the participation of young scientists and post-graduate students who presented the results of their research and theses.

Both the opening and closing ceremonies have been characterized by an atmosphere of hopefulness and satisfaction. In addition, the award of a commemorative plaque to Prof. Georgia Pe-Piper (Department of Geology, Saint Mary's University, Halifax, Canada) in recognition for her contribution to the geology of Greece, charged the atmosphere emotionally.

The Organizing Committee worked hard and systematically and offered the geological community a scientific Congress worthy of the history and course of G.S.G. We would like to thank all members of the Organizing Committee and the students who helped and contributed to the excellent organisation of the Congress. The Proceeding volumes could not have had their present form regarding their scientific standard if the papers submitted had not been reviewed. We are grateful to all colleagues who offered their time, even during summer vacations, to review the papers. We are also grateful to the sponsors and all those who in any way supported financially the Congress. Particular thanks are due to Prof. I. Antonopoulos and Prof. G. Tsiotras, Rectors of Aristotle University and University of Macedonia, Thessaloniki, correspondingly for offering the lecture rooms and Aulas. We also thank Mr. G. Papavasiliou, President of the Geotechnical Chamber of Greece, for the significant contribution of the Chamber to the printing of the Proceedings.

The President
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