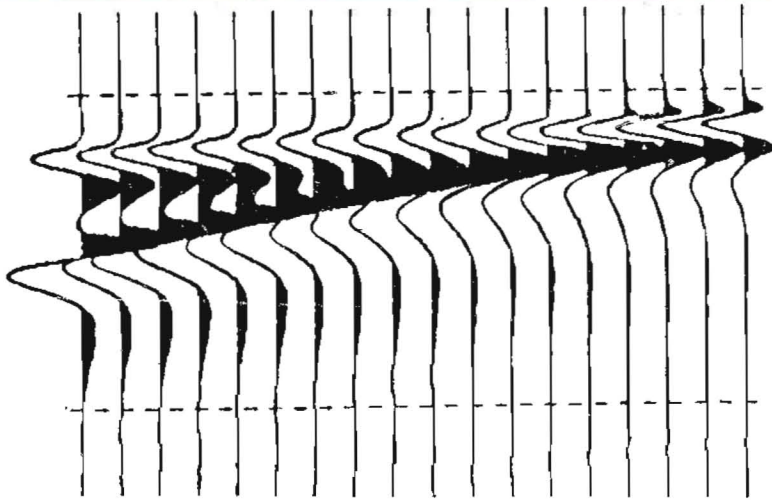




# Α' ΕΠΙΣΤΗΜΟΝΙΚΟ ΣΥΝΕΔΡΙΟ ΓΕΩΦΥΣΙΚΗΣ

Οργάνωση: Συλλογος Γεωφυσικων Ελλαδας

**ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΟΥ**



# 1st HELLENIC GEOPHYSICAL CONGRESS

Organizer: Hellenic Geophysical Union

**PROCEEDINGS OF THE CONGRESS**

ΑΘΗΝΑ  
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Ψηφιακή Βιβλιοθήκη Θεόφραστος - Τμήμα Γεωλογίας. Α.Π.Θ.

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## PREFACE

The First Hellenic Geophysical Congress was held in Athens from 19-21 April 1989. It was organized by the Hellenic Geophysical Union and was widely attended by greek and foreign geophysicists.

The Congress accomodated oral and poster presentations and hosted a Technical Exhibition.

Traditionally, geophysics in Greece has been dominated by earthquake seismology and tectonic studies. This Congress, however, for the first time endavoured to address in a single forum all aspects of geophysics, pure and applied. Papers on a wide range of subjects such as crustal studies, earthquakes paleomagnetism, geophysics in mineral exploration, archaeometry, engineering seismology and engineering geology were presented and debated. Also, papers on the relatively new area of seismic methods for exploration, with their advanced methods of signal analysis, attracted considerable interest as efforts for hydrocarbon exploration intensify in Greece.

A total of 63 papers were presented orally and another 37 were poster presentations. There were two invited speakers with review papers, one on recent developments in applied geophysics and the other on earthquake precursors.

The Congress also included two Round Table discussions, one on earthquake prediction and the other on the future of geophysics in Greece.

The present volume contains 56 papers. They were reviewed following standard refereeing procedures. The editors would like to take this opportunity to express their gratitude to the referees for their efforts in reveing the papers.

It is hoped that the effort to bring greek and foreign geophysicists together will continue and soon we will see the next Hellenic Geophysical Congress.

6 June 1990

THE EDITORS  
Prof. Nick Ambraseys  
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