

Recently completed and ongoing studies include:

- About forty-five successfully completed projects many of them with global significance and with many international partners related to the topics of water scarcity and water resources management and impact mitigation planning.
- Several years experience of monitoring regional deformations via geodetic ground and satellite observations and analysis of the secular and episodic (earthquake) displacement fields in earthquake-prone regions of Greece. More than twenty projects with transnational partners have been carried out or are still in progress, with major emphasis given on the Corinth Rift Laboratory.
- Several successfully completed projects on monitoring possible deformations in man-made structures (eg. dams), archaeological sites and cultural heritage landscapes

Other Activities

Workshops

A number of workshops on specific topics are organised by the Centre.

Symposia / Conferences

Nearly every year a Symposium or a Conference is organised with the responsibility of the Centre

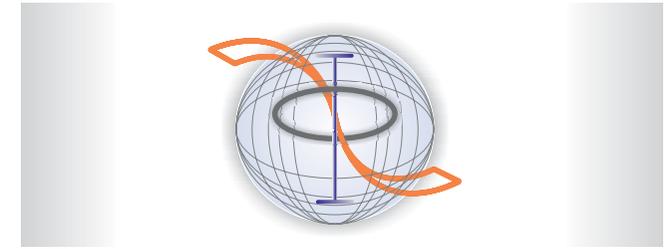
Courses / Seminars

Specialized short courses, seminars and e-learning specialization courses are within the activities of the Centre.

Publications

Small specialized publications are produced as results of research activities. Most of these publications are available through the internet site of the Centre.

Proceedings of Conferences, Symposia and seminars are also published by CANAH.



Centre for the Assessment of Natural Hazards & Proactive Planning (CANAH)

Scientific Council

Director: G. Tsakiris

Members: D. Argialas, A. Georgopoulos, C. Cassios,
D. Paradissis, M. Sakellariou, A. Siolas, L. Tsoulos



For further information contact:

Centre for the Assessment of Natural Hazards
and Proactive Planning (CANAH)

National Technical University of Athens
9 Iroon Polytechniou str.
15780, Athens
Greece

Tel.: (+30) 210 772 2647
Fax: (+30) 210 772 2654

E-mail: hazard@survey.ntua.gr
Website: www.survey.ntua.gr



National Technical University of Athens
School of Rural & Surveying Engineering

Prepared by the Secretariat of the Centre
Initiative: Christiana Mitsakaki

The **Centre for the Assessment of Natural Hazards and Proactive Planning (CANAH)** has been recently established under the School of Rural and Surveying Engineering of the National Technical University of Athens.

The Purpose

Aim of the Centre is the advancement and support of research activities aiming at proactive planning and risk management due to occurrences of natural and technological hazards.



Scientific activities of laboratories and research teams of the School, coordinate in the best possible way in order to promote research and peak technologies development regarding the a priori prediction/assessment for a natural hazard to take place, as well as the a posteriori quantification of the consequences and the long term effects of such extreme events.

The Centre will eventually function as a National or, preferably, as a Mediterranean centre for monitoring and assessing probable natural hazards in the broader region. Under such jurisdiction the Centre may act as a consultant for the state in order to assess and prevent, if possible or, at least, minimize the consequences of such phenomena.

The CANAH also aims at contributing to the improvement of public awareness and sensitivity towards the risk of natural hazards and the consequences of disasters.

The CANAH plans to establish a new forum where, advanced scientific knowledge, fertile discussions and new productive ideas will be exchanged aiming at developing methodologies and policies for combating natural hazards.

The following University Laboratories cooperate in the activities of the Centre:

- Geo-Informatics
- Photo-Interpretation and Remote Sensing
- Geodesy and Higher Geodesy
- Dionysos Satellite Tracking Centre
- Photogrammetry
- Cartography
- Geography and Spatial Analysis
- Reclamation Works and Water Resources Management
- Transportation Engineering
- Structural Mechanics and Technical Works.

A seven member Scientific Council chaired by the Scientific Director administers the Centre. All administrative decisions of the Council are ratified by the General Assembly of the School. The Research Committee of NTUA performs the central economic management of all research projects of the Centre. Economic management is periodically subject to fiscal inspection by State auditors.

Research Activities

There is a long-standing experience on issues related to natural hazards and management of natural systems.

In particular the Centre specialises in:

- analysing phenomena, such as drought and water scarcity, via methodologies based on holistic approaches
- investigating geological and geotechnical hazards, such as seismic and large volume landslide episodes, using interdisciplinary approaches
- assessment of man-made risks
- risk assessment and management of cultural heritage landscapes which abound in the Mediterranean region



The seminar rooms of Geoinformatics



The Centre is an active organization in the research and development of the European Union.

