

Dr Chris DANEZIS (male)
Assistant Professor

Department of Civil Engineering and Geomatics (CEG)
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Education: Dr Chris Danezis holds a 5y Dipl. Ing. in Surveying Engineering and a M.Sc. in Geoinformatics from the National Technical University of Athens (NTUA), and a Ph.D. in Geomatic Engineering from the UCL, department of Civil, Environmental and Geomatic Engineering, focused on Satellite Geodesy and Navigation. During his studies, he was won several professional and scientific scholarships and prizes, such as the 1st Prize for Best Degree Thesis awarded by the Technical Chamber of Greece (TCG), and the 1st Prize for Best Journal Publication in Geodesy for the years 2013 – 2014 awarded by the Academy of Athens.

Professional background/ Participation in funded projects: He is an Assistant Professor in Geodesy at the Cyprus University of Technology, department of Civil Engineering and Geomatics. He is the Director of the Laboratory of Geodesy and the Head of the Geoinformatics Cluster of the ERATOSTHENES Centre of Excellence. Additionally, he is the Coordinator of the CyCLOPS (Cyprus Continuously Operating Natural Hazards Monitoring and Prevention Systems) strategic research infrastructure unit. He was previously employed as Geodetic Infrastructure Executive by the Hellenic National Cadastre and Mapping Agency SA in the department responsible for the operation of the Hellenic National Permanent GPS/GNSS Reference Station (CORS) network. Moreover, he was an appointed member of the Strategic Management Board for the restructuring and modernization of the company. Furthermore, he has an extensive experience of more than a decade as a freelance engineer and consultant specialized in positioning, GIS, and location-based and awareness technologies. He is the Infrastructure Coordinator of the Eratosthenes Centre of Excellence.

Research: His scientific activity is mainly focused on the areas of Geodesy, Synthetic Aperture Radars (SAR), Ubiquitous and Collaborative Positioning and Navigation, GNSS augmentations, Marine Geodesy, GIS, and Location-Based Services. Throughout the years, he has developed software on a wide range of applications. Amongst others, he is the developer of the official Hellenic coordinate transformation software (between the new ETRS89-based coordinate reference system and the National Grid) and the developer of the latest geometric geoid model for Greece, provided by NCMA SA. He has published work in important scientific journals, such as Sensors, Remote Sensing, Advances in Space Research, Natural Hazards, Transportation Research Record, Journal of Applied Geodesy, and conferences (ION GNSS, ION Pacific, IEEE IPIN and others). He is also a reviewer and member of Reviewer Boards in several scientific journals and conference proceedings.

Selected publications:

1. **C. Danezis**, M. Chatzinikos, and C. Kotsakis. Linear and Nonlinear Deformation Effects in the Permanent GNSS Network of Cyprus. *Sensors*, 20(6):1768, 2020
2. M. Tzouvaras, **C. Danezis**, and D. G. Hadjimitsis. Small scale landslide detection using Sentinel-1 interferometric SAR coherence. *Remote Sensing*, 12(10):1560, 2020
3. M. Tzouvaras, D. Kouhartsiouk, A. Agapiou, **C. Danezis**, and Diofantos G Hadjimitsis. The use of Sentinel-1 synthetic aperture radar (sar) images and open-source software for cultural heritage: An example from Paphos area in Cyprus for mapping landscape changes after a 5.6 magnitude earthquake. *Remote Sensing*, 11(15):1766, 2019
4. **C. Danezis**, D. G. Hadjimitsis, M. Eineder, R. Brcic, A. Agapiou, K. Themistocleous, et al. CyCLOPS: A novel strategic research infrastructure unit for continuous integrated space-based monitoring of geohazards. In 4th JISDM, 15-17 May 2019, Athens, Greece. FIG, IAG, ISPRS, 2019