

PROJECT: Design and creation of a 3D tactile map for people with visual impairments

SCIENTIFIC DIRECTOR: A. Skopeliti

DURATION (MONTHS): 3.5 months

DEPARTMENT: Department of Topography

FINANCIER: Municipality of Athens Computerization and Operational Units
Development Company of Local Governments

DESCRIPTION: The project aims to design and create a large-scale 3D tactile map for people with visual impairments of the Omonia Square - Athens City Hall - Monastiraki area that will depict the important landmarks of the area such as Kotzia Square, the National Theater, Varvakeios Market, etc. based on 3D printing technology. The design is based on the application of good practices and bibliographic references as well as experimental evaluation by the community of people with visual impairments that will lead to the optimization of the result.