

Francesco Zucca is head of the GIS Laboratory and co-responsible of the Remote Sensing Laboratory of the Department of Earth and Environment Sciences of the University of Pavia, duties on research and development and the coordination of other researchers, PhD students and students in the field of GIS, spatial analysis and remote sensing.

His research concerns the production and analysis of digital terrain models at different scales for the extraction of forms and processes through change analysis, the development and use of wireless sensor networks and ground based measurements for environmental data measurements, the development of GIS spatial analysis techniques for the identification and management of hazards and natural risks and the use and design of UAV (aerial, land and underwater) survey platforms to support the survey.

Zucca coordinates research, development and application activities in collaboration with other research bodies and with the public administration.