



**Name:** Dimitris Kaimaris

**Position:** Assistant Professor AUTH

**Subject:** Remote Sensing, GIS **Tel.:**

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### Studies

2002-2006: PhD. Aristotle University of Thessaloniki, Greece, Remote Sensing, Photogrammatry, GIS, Protection, Preservation and Restoration of Cultural Monuments.

2000-2002: MSc. Aristotle University of Thessaloniki, Greece, Remote Sensing, Photogrammatry, GIS, Protection, Preservation and Restoration of Cultural Monuments.

1995-2000: Surveying Engineer, Dipl-Eng. Aristotle University of Thessaloniki, Greece.

### Research interests

**Key words:** Remote Sensing, GIS, Laser scanner.

**Description:** Areas of expertise include Photogrammetry, GIS, Cartography, Remote Sensing, 3D modeling using laser scanners. Knowledge of specialized Photogrammetric, Remote Sensing, 3D modeling, laser scanner data processing and GIS digital Systems, Image Processing and Analysis, 3D laser scanning acquisition processing and modeling.

### Teaching (Courses)

2010-now: Lecturer. Remote Sensing, Geographic Information Systems. Aristotle University of Thessaloniki, Faculty of Engineering, School of Spatial Planning and Development (Eng.), Thessaloniki, Greece.

2009-2010: Research Associate. Remote Sensing, Geographic Information Systems. Aristotle University of Thessaloniki, Faculty of Engineering, School of Spatial Planning and Development (Eng.), Thessaloniki, Greece.

2007-2008, 2008-2009: Research Associate. Remote Sensing, Photogrammetry, Geographic Information Systems. Aristotle University of Thessaloniki, Department of Cadastre, Photogrammetry and Cartography, Faculty of Rural and Surveying Engineering, Thessaloniki, Greece.

2007-2008, 2008-2009: Research Associate. Remote Sensing. Technological Educational Institute of Larissa, Department of Building Renovation and Restoration, Trikala, Greece.

### Recent Publications (2 indicative for 2013):

Ioakeimidis S., Kaimaris D., 2013, "Observation of the changes and the degradation of the forests after the fire with the use of Remote Sensing and GIS: Study of the suburban forest of Seich-Sou, Thessaloniki, Greece", 13th International Conference on Environmental Science and Technology, CEST2013, 5-7 September 2013, Athens, Greece, CD.

Patias P., Kaimaris D., Georgiadis Ch., Stamnas A., Antoniadis D., Papadimitrakis D., 2013, "3D mapping of Cultural Heritage: Special problems and best practices in extreme case-studies", ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume II-5/W1, XXIV International CIPA Symposium, 2-6 September 2013, Strasbourg, France, pp. 223-228.

### **Recent research activity:**

Scientific Responsible, principal Researcher or member of Research Group to a total of 16 Research Projects funded by National or European Organizations.

3 Dissertations, 2 Scientific book, 40 Scientific publications to the International Journals and Convention proceedings.

Associate Editor, The South-Eastern European Journal of Earth Observation and Geomatics.

Scientific Reviewer of: Journal of Cultural Heritage, Environmental Engineering and Management Journal., Global Network for Environmental Science and Technology Journal, Ecological Engineering, Journal of Archaeological Science, Journal of Selected Topics in Applied Earth Observations and Remote Sensing (J-STARS), Journal Manager of Computers & Geosciences.

Scientific Advisor to Dipl. Thesis and to MSc. Thesis in Remote Sensing, Photogrammetry and Geographic Information Systems.

Participation to National and International Scientific Organizations.

<http://blogs.auth.gr/kaimaris/>