

CURRICULUM VITAE

Name: Gitas, Ioannis Zois

Date and birth place: 11 MARCH 1966, Kastoria, Greece

Contact: Laboratory of Forest Management and Remote Sensing
School of Forestry and Natural Environment
Aristotle University of Thessaloniki
Tel: +30 2310 992699; Fax: +30 2310 998897
e-mail: igitas@for.auth.gr

EDUCATION

1988 - B.Sc. in Forestry and Natural Environment (Aristotle University of Thessaloniki)

1992 - One year course in Geographical Information Systems and Remote Sensing (School of Rural and Surveying Engineering, Aristotle University of Thessaloniki)

1994 - M.Phil. in Geographical Information Systems and Remote Sensing (Cambridge University - UK)

2000 - Ph.D. CANTAB in Geographical Information Systems (GIS) and Remote Sensing (Cambridge University - UK)

SCHOLARSHIPS

State Scholarships Foundation (Greece)

British Council (UK)

A.G. Leventis Foundation (France)

W.A. Meek (Cambridge University, UK)

Ramon Areces Foundation (Spain)

AWARDS

Darwin College, Cambridge

Phillip Lake Fund, Department of Geography, Cambridge

Cambridge Philosophical Society

CAREER

Period 2013 – present. Position held: Associate Professor in GIS and Remote Sensing

Period 2008 – 2013. Position held: Assistant Professor in GIS and Remote Sensing

Period 2003 – 2008. Position held: University Lecturer in GIS and Remote Sensing

Main activities and responsibilities: Graduate & Postgraduate Teaching and Research

Employer: Aristotle University of Thessaloniki (Greece)

Period 2001- 2010. Position held: Affiliated Researcher

Main activities and responsibilities: Research

Employer: Unit for Landscape Modelling, Cambridge University (UK)

Period 2000 - 2003. Position held: Head of Department (Department of Environmental Management)

Main activities and responsibilities: Postgraduate Teaching and Research

Employer: Mediterranean Agronomic Institute of Chania, Crete (Greece)

Period 1998 – present. Position held: Consultant

Main activities and responsibilities: Consultant in GIS, Remote Sensing and Mediterranean Forestry related issues

Employers: The World Bank & Crown Agents (1998-1999), EADS Astrium - InfoTerra Global (2002 – present), European Centre for Forest Fires (2002 – present), Greek Civil Protection Agency (2002-present), Forestry Commission, UK (2005-2006), Prefecture of Chania – Crete – Greece (2007 – present)

MEMBER OF THE FOLLOWING ORGANISATIONS:

Elected Member

Cambridge Philosophical Society (since 1995)

Hellenic Scientific Society (since 2007)

Member

Geotechnical Chamber of Greece (Greece)

International Association for Landscape Ecology (IALE)

The Remote Sensing and Photogrammetry Society (UK)

American Society for Photogrammetry and Remote Sensing (USA)

International Association for the Mediterranean Forests (IAMF)

European Association of Remote Sensing Laboratories (EARSeL)

CONTRIBUTION IN EDUCATION:

UNDERGRADUATE AND GRADUATE COURSES: Principles of Remote Sensing, Environmental Remote Sensing, Geographic Information Systems, GIS / Remote Sensing Applications in Environmental Management, Forest Aerial Photography, Forest Cartography.

LIFELONG LEARNING PROGRAMMES:

- Organisation of eight workshops on advanced RS/GIS subjects for post-graduate students and professionals.
- Participation in different Lifelong Learning Programmes organised by the Greek Fire Service and the Greek Forest Service.

SUPERVISION of 39 MSc Theses and 7 PhD Dissertations.

MEMBER of PhD examination committees in Greece, Italy, Spain, Belgium and the UK.

Employers:

Aristotle University of Thessaloniki, School of Forestry and Natural Environment, Lab. Of Forest Management and Remote Sensing, Box 248 – 541 24 Thessaloniki, Greece

Mediterranean Agronomic Institute of Chania (MAICh), Alysilio Agrokepiou, PO Box 85 Chania, 73100 Crete, Greece

Cambridge University, Unit for Landscape Modelling

RESEARCH & DEVELOPMENT ACTIVITIES:

PROJECTS

Participation in more than 40 international and national research projects either as a team leader or as a team member. The most of these projects focused on the following subjects:

- Forest Fires: pre-fire planning and post-fire assessment
- Land use / Land cover mapping
- Soil erosion risk assessment / Desertification
- Other Environmental applications of Remote Sensing and Geographic Information Systems.

PUBLICATIONS

Author of more than 160 articles (journals, proceedings, etc.), book chapters, monographs, books and reports

Journal articles: Scopus 36, THOMSON REUTERS 31, Google scholar 98

Citations: Scopus 260, THOMSON REUTERS 216, Google Scholar 660

h-index: Scopus 9, THOMSON REUTERS 8, Google scholar 15

Books: Introduction in Remote Sensing and GIS (in Greek)

Conference Proceedings: Editor of two conference proceedings

Monographs (after invitation):

- Gitas I.Z., A. de Santis, and G.H. Mitri (2009) Remote Sensing of Burn Severity, In: Earth Observation of Wildland Fires in Mediterranean Ecosystems, Editor: E. Chuvieco, Springer-Verlag Berlin Heidelberg, DOI 10.1007/978-3-642-01754-4_10,
- Gitas I., G. Mitri, S. Veraverbeke and A. Polychronaki (2012) Advances in Remote Sensing of Post-Fire Monitoring – A Review, In: Remote Sensing of Biomass - Principles and Applications, Edited by Temilola Fatoyinbo, ISBN 978-953-51-0313-4, Hard cover, 322 pages, Publisher: InTech, Published: March 28, 2012 under CC BY 3.0 license, in subject Energy Engineering, DOI: 10.5772/696

OTHER RELEVANT INFORMATION

- Member of the Editorial Board: MDPI Remote Sensing (Impact Factor 2.1), EARSeL eProceedings, South-Eastern European Journal of Earth Observation and Geomatics (SEEJEOG)
- Guest Editor:
 - Options Méditerranéennes : Série B. Etudes et Recherches (n. 46, 2003)
 - IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing' (IEEE J-STARS): Guest editor of the special issue on 'Wildland Fires and Biomass Burning' (Vol. 1, No 4, published in December 2008).
 - MDPI Remote Sensing, Special Issue 'Advances in Remote Sensing of Wildland Fires', closed (30 September 2011)
 - International Journal of Wildland Fire (special issue on Remote Sensing of Forest Fires), in progress
 - MDPI Remote Sensing, Special Issue 'Quantifying the Environmental Impact of Forest Fires', in progress
- Springer Book Volume Editor: Series 'The Handbook of Environmental Chemistry', Tentative title 'The impact of forest fires on the environment', in collaboration with Dr. Kevin Tansey (in preparation)
- International Positions:
 - European Association of Remote Sensing Laboratories (EARSeL): Chair of the EARSeL Forest Fires Special Interest Group (FFSIG)
 - FAO 'Forest Resources Assessment - Remote Sensing Survey': Contact person in Greece
 - European Centre for Forest Fires: Member of the Scientific Committee
 - Member of the Global Observation for Forest Cover and Land Dynamics (GOFC-GOLD Fire IT)
 - Interbalkan Environment Center: Natural disasters unit responsible
 - GOFC-GOLD Fire IT: Guest member
- Workshops / Conferences:

- Organiser of 4 international workshops
- Member of the organising committee in 5 workshops/conferences
- Member of the scientific committee in 16 workshops/conferences
- Served as a reviewer in almost all international journals related to Remote Sensing and GIS including the: Remote Sensing of Environment, International Journal of Applied Earth Observation and Geoinformation, ISPRS Journal of Photogrammetry and Remote Sensing, International Journal of Remote Sensing, Journal of Applied Ecology, International Journal of Wildland Fire, IEEE TGRS, IEEE JSTARS, IEEE GRSL, PE & RS, and the International Journal of GIS.
- Top Reviewer of the Year 2009 (Elsevier – Remote Sensing of Environment)
- Invited speaker:
 - Centre d'Essais et de Recherche de l'Entente (CEREN), Euromediterranean Wildfire Meeting (Research Special Session), 24 October 2000, Hyeres les Palmiers (Var-France),
 - Russian Academy of Sciences – Siberian Branch, First Workshop on Information Technologies Application to Problems of Biodiversity and Dynamics of Ecosystems in North Eurasia (WITA'2001), 9-14 July 2001, Novosibirsk, Russian Federation
 - International Association for the Mediterranean Forest (IAMF), Seminar titled: Training, Research and Public Awareness, 14-15 May 2002, Marseille, France
 - INTERNATIONAL SYMPOSIUM: Perspectives of wild flora ex situ conservation and phylogenetic resources under the framework of the CBD, 7-8 April 2005, Cordoba, Spain
 - SYMPOSIUM titled 'Prevention of Disasters and Their Consequences in Greece: Building Partnerships to Mitigate the Effects of Forest Fires', Cyprus International Institute for the Environment and Public Health in Association with Harvard School of Public Health, 2 April 2008, Athens
 - Association for Fire Ecology (USA) – 4th International Fire Ecology and Management Congress: Fire as a Global Process, Savannah Marriott Riverfront, Savannah, Georgia, 30 Nov – 4 Dec 2009, USA
 - 10th Seminar on Remote Sensing and GIS Applications in Forest Engineering, Curitiba - Brazil, 15-18 October 2012
 - Seminar titled 'RS&GIS technology for forest fire and burned area monitoring', National Institute for Space Research (INPE/MCT), São José dos Campos - SP Brasil, 19 October 2012
 - University of Edinburgh, School of Geosciences, EEO-AGI(S) Series Programme 2013-14, Remote Sensing of forest fires (focus on Mediterranean ecosystems), 28 February 2014
- Proposal reviewer for the following organisations: Research Promotion Foundation – RPF (Cyprus), National Science Foundation – NSF (USA), Netherlands Organisation for Scientific Research – NWO (Holland), and the General Secretariat for Research and Technology – GSRT (Greece)