

CURRICULUM VITAE

Ioannis N. Faraslis



Country of birth: Greece
Date of birth: 22/07/1971
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EDUCATION

- 2012** : Doctorate, on the Department of Planning, Urban and Regional Development, University of Thessaly
- 1999-2000** : M.Sc in Planning and Regional Development, on the Department of Planning, Urban and Regional Development, University of Thessaly.
- 1989-1993** : Diploma in “Department of Environment”, Aegean University of Greece

LANGUAGE SKILLS:

- ◆ French: reading, speaking, writing (B2)
- ◆ English: reading, speaking, writing (B2)

PRESENT POSITION

Researcher at the Laboratories of (a) Rural Space & (b) Laboratory of Spatial Analysis, Geographic Information Systems and Thematic Mapping, of the Department of Planning, Urban and Regional Development of the University of Thessaly (since 1998), employment as a Remote Sensing and GIS specialist (image interpretation, classification analysis, change detection analyst, spatial modeling, DTM modeling). The main object of work focused on the terrain analysis in rural and local development, using GIS-Remote Sensing tools (aerial mapping using Drones) and 3D-terrain analysis in virtual environment (fly simulator).

ARTICLES IN REFEREED SCIENTIFIC JOURNALS

- 2015** Demetris Stathakis, Vassilis Tselios, Ioannis Faraslis, “Urbanization in European regions based on night lights” in Remote Sensing Applications:

Society and Environment. Available online 24 October 2015, In Press, Accepted Manuscript.

<http://www.sciencedirect.com/science/article/pii/S2352938515000208>

- 2014** Stathakis D. and G. Faraslis, “Monitoring urban sprawl using simulated Proba-V data”, in International Journal of Remote Sensing, Special Issue: SPOT-VEGETATION – Fifteen years of success: What’s next? Volume 35, Issue 7, 2014,
- 2010** Christos Domenikiotis, Nicolaos R. Dalezios, Ioannis Faraslis, «GIS-based weather radar siting procedure in mountainous terrain» in Physics and Chemistry of the Earth, No 35 pp 35–42, Publishers Elseviers.
- 2005** K. Perakis, I. Beriatos, N. Gkitsakis and I. Faraslis «*Change detection land use analysis using remote sensing techniques in mountains areas. The case study: Kozani region 1945 – 1995*». Publication “*Geografies*” issue 9, 2005.
- 2005** D. Goussios., F. Vallerand & I. Faraslis, «*Méthodes et outils d’interventions participatives sur les pratiques collectives de gestion des pâturages en montagne méditerranéenne ; recherches menées à Anavra – Grèce*». In “Animal production and natural resources utilization in the Mediterranean mountain areas” EAAP publication No.115,2005 pp 473-79, Publishers Wageningen Academic.

REVIEWER IN SCIENTIFIC JOURNALS

2014-2018 Reviewer of publications in the following scientific journals:

- ✓ International Journal of Remote Sensing
- ✓ Modeling Earth Systems and Environment
- ✓ Journal of Applied Remote Sensing (JARS)
- ✓ Applied Geography
- ✓ Journal of Imaging
- ✓ Journal of Basic & Applied Sciences

PROFESSIONAL AND RESEARCH EXPERIENCE

2016-2019: The HNV-Link project. “High Nature Value Farming: Learning, Innovation and Knowledge”. This project has received funding from the

European Union Horizon 2020 research and innovations program (www.hnvlink.eu).

- 2012-2015:** «LACTIMED» Promoting Mediterranean Dairy Products. Partners from 6 countries: France, Egypt, Greece, Italy, Lebanon, Tynisia. Financed by European Union.
- 2011-2013:** «ENERSCAPES» TERRITORY, LANDSCAPE AND RENEWABLE ENERGIES. Financed by Region of Thessaly participated in the European project MED.
- 2011-2012:** «NOVAGRIMED: Agricultural Innovations in the Mediterranean». Partners: PACA (France), Murcie (Espagne), Pouilles et Sardaigne (Italie), Thessalie (Grèce). Financed by Region of Thessaly participated in the European project MED.
- 2010-2011:** «Scientific and Technical Support in order to preparate the Operational Programme for the Development Area Othris» Financed by Development Company Limited OTHRYS SA.
- 2008-2009:** «Operational Plan of Nessonas Municipality». Financed by the Municipality of Farkadona.
- 2008-2008:** Participation in the research project “Creation of innovative proof-based experiences for the documentation of the possibility that the tobacco producers have to turn towards the cultivation of energy plants”, financed by OPEKEPE (Ministry of Agriculture), scientific responsible is Stelios Rozakis. Within the framework of the project “Detection of tobacco producing regions using remote sensing and geographical information systems”.
- 2006-2007:** Participation to the program “Etude for the protection and revitalization in the region of Marathassa”, Cyprus
- 2004-2008:** European Program TEMPUS: «FORMDER: N-terminal circuit formation and multidisciplinary to rural development». Participating Countries: France, Morocco, Egypt and Greece.
- 2001-2003:** Participation to the program ALTENER : Alternative crops integration in a Spatial Analysis (ACISA)”. GIS and Remote sensing coordinator for the survey via multi-temporal analysis on satellite images.

- 2000-2009:** Teaching assistant at the course of “The implementation of new technologies in Regional Planning” in the Department of Planning and Regional Development, University of Thessaly
- 2000 - :** Participation to the program IAMM/ laboratory of rural space, of the Department of Planning and Regional Development, University of Thessaly: «The problem of property segmentation. Terrain politics and regional planning interventions in the productivity structures of Mediterranean countries» for the survey via multi-temporal analysis on satellite images, on «Consequences of GAT at the inner space of irrigate and non-irrigated productivity zones: The case of Karditsa and Farsala region»
- 2000 - :** Teaching assistant at the course of “Geographical Information Systems” at the elective studies, “Management of Rural Environment and Natural Resources”, University of Thessaly
- 1999-2001:** Scientific Responsible of the part intitled "Monitoring the Riparian Ecosystems" in the research project LIFE-NATURE of the E.C. intitled "Implementations of management actions for Tavropos lake area in Greece"
- 1999-2001:** Participation to the program DAC of OECD / Ministry of Environment Physical Planning and Public Works : «Administration of Human and Natural Environment in South -East mountainous area of Region of Kortsia-Albania »
- 1999 -2000:** Survey of mountainous areas of Liban: «Project of United Nations for the development of rural space »
- 1999-2000:** Participation to the program of Ministry of Environment Physical Planning and Public Works: «Strategic action program for sustainable development of mountainous areas »
- 1999-2000:** Program of Agriculture Ministry: Study on «Territorial partition of Greek agriculture based on economic efficiency and redefinition of problematic agricultural areas with emphasis on mountainous, frontarial and insular areas”
- 1998-1999:** Participation to the research program of Local Prefecture authorities of Hlia «Aerial observation for the protection of physical environment at the Prefecture of Hlia »
- 1998 - :** Researcher at the University of Thessaly, in the framework of the elective studies, “Management of Rural Environment and Natural Resources”.

- 1997-2000:** Participation to the European Union’s research program FAIR III :
 “Differentiation and reorganization of productive activities which are related with animal husbandry in mountainous areas”
- 1997-1998:** Participation to the program «Record of monumental heritage and creation of monuments’ file of Kefalonia and Ithaca» (Institute of Kefalonia & Ithaca)
- 1997-1998:** Participation in the program of Agriculture Ministry’s forest service (code 2175): «Studies of population and biotopes of hare in Thessaly »
- 1995 - 1998:** Employment in Bank of Piraeus, as Analyst of balance-sheet.

CONFERENCE PROCEEDINGS

- 2018** Dimitris Goussios, Dimitra Gaki, Prodromos Mardakis, Ioannis Faraslis, Dimitris Michalakis, "The interdependence of high nature value production systems and territorial development within LNG regions. The example of Pindos ", at the 5th Panhellenic Conference of “Urban Planning, Regional Planning and Regional Development”, September 27-30, Volos – Greece.
- 2018** Leonidas Toullos, Ioannis Farasis, "GIS Applications and Remote Sensing in Agriculture", at the Special Thematic Symposium "Vulnerable Agriculture of Thessaly: Present-Prospect", on 2 March 2018, Larissa – Greece.
- 2017** Ioannis Farasis, Velessiotis Vasilis. "Mapping Applications in Thessaly using UAV” of the 1st Geomapplica Conference held in the framework of the Geomapplica II International Conference, on 31/3/2017 in Thessaloniki – Greece. <http://geomapplica.prd.uth.gr/workshops/program/>.
- 2016** Ioannis Faraslis, Dimitris Goussios, “Virtual reconstitution of an early nineteenth-century rice paddle in the area of Yperia Farsala and Lefkis, Karditsa, combining methods and tools of spatial analysis and representations" in 4th Ethnological Congress of Indigenous Thessalians-Karagounides, Nikaia – Larissa Greece, 8-10 September 2016.
- 2016** Pr. Mardakis, Dimitris Gousios, Ioannis Faraslis, “The Farsala-Almyros route of 1809: Mapping the landscape through Leake's descriptions,” in E’ conference of Almiros Studies, Almyros-Greece 14 October 2016.
- 2016** D Gaki, I. Faraslis and I. Hadjigeorgiou, "Pastures valorisation: “Tools and effects" in 15th International Meeting of the FAO-CIHEAM Subnetwork on

Mediterranean Pastures and Fodder Crops titled "Ecosystem services and socio-economic benefits of Mediterranean grasslands" (proceedings of OPTIONS MEDITERRANEENNES Series A: Mediterranean Seminars 2016-Number 114).

- 2015** I. Faraslis, V. Spanos, D. Goussios, "Digital representation of Cultural and Natural Heritage Monuments using UAV: A Case Study" in 1st National Congress of Heritage Digitization, Euromed, 24-26 September, Volos, Greece.
- 2013** I. Faraslis, "ENERSCAPES Outcomes & Capitalization Opportunities" in International Conference, "ENERSCAPES International Final Conference", Malta.
- 2012** D. Stathakis. K. Perakis, I. Faraslis, 'Extracting Urban Areas on Simulated Proba-V Data Using ANFIS' in 32nd EARSeL Symposium 2012, Mykonos, Greece.
- 2010** S. Papakonstantinou, I. Faraslis, D. stathakis, "Change Detection analysis of suburban land uses of Larissa" in 10 International Symposium of Kefalonia, "Cities and regions in Greece and the Mediterranean in the 21st century - problems, attendance prospects", 2-4 July Argostoli Kefalonia.
- 2010** D. Stathakis, K. Perakis, P. Baltas, I. Faraslis, 'Extensive interpolation based on land use' in 6 National Geographic Conference of Hellenic Society for GIS -HellasGIs, 2-3 December, Athens.
- 2010** D. Gousios. P. Mardakis, I. Faraslis, "The spatio-territorial dimension in rural development planning: the case study of the Troodos area in Cyprus", 10 International Symposium of Kefallinia, Greece.
- 2009** A. Katsara, I. Faraslis, A. Gospodini, K. Perakis, ' Change Detection Analysis in urban sprawl of Athens using remote sensing data', in 2 International Conference on Urban Planning and Regional Development, 24-29 September, Volos.
- 2009** A. Moysiadis, I. Faraslis and K. Perakis, 'Multicriteria analysis by means of GIS for airport site selection; the case study of Trikala, Greece', in 2^o International Conference on Environmental Management, Engineering, Planning and Economics (CEPEME) and SECOTOX Conference, 21-26 June Mykonos.

- 2009** K. Perakis, I. Faraslis St. Rozakis, Dem. Stathakis. , "Probability satellite imagery based maps for substituting tobacco", in 29th EARSeL Symposium, Imagine Europe, 15-18 June, MAICH conference Center, Chania, Crete – Greece.
- 2008** I. Faraslis , and Perakis K., « Gestion participative de l’espace rural Grècque à l’aide du modèle tridimensionnelle du terrain », International Conference «La Teledetection au service du development», Centre Nationale de Teledetection, Tunis, invited lecture, 10-11 July 2008.
- 2007** D. Goussios, I. Faraslis, & F Vallerand, « *Utilisation des nouvelles technologies et gestion participative de l’espace rural méditerranéen : Télédétection et SIG au service du diagnostic territorial / Elaboration d’une méthode et d’outils* » TEMPUS, FORMDER, IAM Montpellier France.
- 2003** K. Perakis, I. Faraslis and D. Goussios, “*Neural Networks classification in Remote Sensing: Case study in rural areas of Farsala region*”, International Symposium on GIS and Remote Sensing: Environmental Applications Volos.
- 2001** D. Goussios, A. Koutsouris, I. Faraslis : “Sustainable Natural Resources use : a participatory tool” (in Greek).
- 1993** I. Faraslis : “Presentation and investigation of the American National forecast’s system concerning the risk forest fire in Greek conditions”, in the third congress of Environmental Science and Technology, Lesvos Greece.

PAPERS IN COLLECTIVE VOLUMES

- 2008** Faraslis G. and K. Perakis, “3D representation application and geoinformation tools for the collection of information in spatial planning, in A. Gospondini (edit.) Dialogues for spatial planning and development, Kritiki, Athens (EL).
- 2000** K. Perakis, I. Faraslis, Volos, “Applications of Remote Sensing in the analysis and management of the structural and the countryside area”, Collective Volume for the 10 years anniversary since the foundation of the Department of Regional and Planning Development. University of Thessaly Press – Gutenberg, pp. 427-446.
- 2000** K. Perakis, I. Faraslis : “Remote sensing applications concerning the analysis and management of urban and rural space” in “Seventeen papers for planning,

cities and development” University of Thessaly Press, Volos pp. 478 (in Greek).

SIGNIFICANT TRAINING AND SKILLS

- ◆ Geographical Information Systems (GIS): ArcGis , QGIS.
- ◆ Remote Sensing - Photogrammetry: Erdas Imagine, GRASS-GIS, Agisoft.