
curriculum vitae

Papadavid Giorgos

Papadavid Giorgos PhD

Date of Birth: 8 March, 1978

Nationality: Cypriot

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Profession: - **Researcher 'A'**

Head of the Remote Sensing Lab

Department of Rural Development

Agricultural Research Institute, Cyprus

- **Contracted Visiting Lecturer**

Department of Civil Engineering and Geomatics

Cyprus University of Technology

Working Experience

- 06/2004-06/2005. **Agricultural Payment Officer** at Cyprus Payment Organization of Cyprus Main Tasks and Responsibilities: Responsible officer for the vicinity of Pafos region regarding acreage estimation using GPS systems (full time)
- 06/2005-02/2006. **Research Officer** at SEDIGEP rural organization (CYPROFRESH producer group). Main Tasks Research on improving Citrus trees' fertility and production (full time)
- 02/2006-today. **Senior Researcher** at Agriculture Research Institute of Cyprus (Center of Excellence) Head of the Remote Sensing Lab and Manager of Experimental Farm of Acheleia. (full time)
- 07/2009 – today. **Contracted Lecturer** at Cyprus University of Technology. Teaching at graduate and post graduate level.

Committees representation

- ✓ *Cyprus Representative in **OECD***
- ✓ *Founding Member of **Cyprus Remote Sensing Society***
- ✓ *Member of the Technical Committee for reviewing new **Copernicus Global Land Earth Observation Products***
- ✓ *Cyprus Representative in **International Olive Council***
- ✓ *Cyprus Representative in **SCAR (Agriculture Knowledge and Innovation Systems)***
- ✓ *State Committee Member of the **COST/ACTION ES1106***
- ✓ *State Committee Member of the **COST/ACTION ES1309***
- ✓ *State Committee Member of the **COST/ACTION CA16219***

- ✓ *State Committee Member of the **COST/ACTION CA19120***
- ✓ *Member of the National Committee for the **Cyprus National Rural Plan***
- ✓ *National Member of **Platform for African – European Partnership in Agricultural Research for Development Phase***

Education

- ***Aristotle University of Thessaloniki. Bachelor (BSc) Agriculturist (2003)***
- ***Vrije University of Brussels. (MSc). European and Economic studies (2004)***
- ***Cyprus University of Technology. (PhD) Remote Sensing for agricultural and environmental studies - Natural Resources Management. (2011)***

Continuous education - Attendance in Seminars

- 06/2014: 5-days UAV training by QuestUAV (CUT premises)
- 04/2014: Workshop LiDar tools, (Second International Conference on Remote Sensing and Geoinformation 2014, 9-14 April 2014, Paphos, Cyprus)
- 09/2013: 5 days, Workshop ESA Radar Remote Sensing Course (Frederic University premises)
- 04/2013: Workshop Ground Penetrating Radar, (First International Conference on Remote Sensing and Geoinformation 2013, 8-10 April 2013, Paphos, Cyprus)

- 03/2012: Two-day course for imagery processing software eCognition (CUT premises)
- 04/2010: Two-day course for imagery processing software ENVI 7 (CUT premises)
- 12/2009: Two-day course for imagery processing software ERDAS Imagine 9.3 (CUT premises)

Research Interests

- Geo-information in Land monitoring/Land management/Land Degradation
- Remote Sensing Applications for environmental monitoring.
- Smart Irrigation Water management
- Development of remote sensing algorithms focused on agricultural and environmental issues
- Field spectroscopy
- Rural Development Policy

Editorial experience, evaluator and reviewer in journals/conferences/

➤ Editor in Journals or Journal Special Issues/Proceedings

- *International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2013 -2019 for seven consecutive years)*, edited by Diofantos G. Hadjimitsis, Kyriacos Themistocleous, Silas Michaelides, George Papadavid, Proc. of SPIE Vol. 8795, 87950Y · © 2013 SPIE · CCC code: 0277-786X/13/\$18 · doi: 10.1117/12.2029099
- *Journal of Sustainable Agricultural Management and Informatics / INDERSCIENCE*
- *Special Issue "Adaptation of Cyprus Agriculture to Climate Change" - https://www.mdpi.com/journal/atmosphere/special_issues/Cyprus_Climate*

➤ Reviewer in Journals or Journal Special Issues/Proceedings

- *Journal of Applied Remote Sensing (JARS)*
- *Hydrological Sciences Journal (HSJ)*
- *Cyprus Remote Sensing Conference 2013. Member of the Organizing Committee. Proceedings Reviewer*
- *Journal of Central European Journal of Geosciences,*
- *Journal of Hydrology*
- *Journal of Biosystems Engineering*
- *Computers and electronics in agriculture*
- *Acta Advances in Agricultural Sciences (AAAS) journal*
- *Agricultural Economics Review*
- *MDPI Journal of Remote Sensing*
- *IRLA2014 Symposium*
- *African Journal of Biotechnology*

➤ **Reviewer in Journals or Journal Special Issues/Proceedings**

- *Evaluator in **EUREKA(Eurostars)***
- *Evaluator in **HORIZON 2020***
- *Evaluator at the EC/ESA/NEREUS initiative "**The ever growing use of Copernicus across Europe's regions**", also known as **Copernicus4Regions***
- *Evaluator at the «**The Hellenic Foundation for Research and Innovation**» for the post-doc proposals*

Teaching in Academic Level

On a systematic basis since 2012:

- 'Remote Sensing Applications summer school'. Cyprus University of Technology, **Undergraduate course.**
- Remote Sensing Basics 1. Cyprus University of Technology. **Undergraduate course.**
- Sustainable Environmental Management using Remote Sensing 2014 (**MSc**)
- Microwave Remote Sensing and Radars, 2014 Cyprus University of Technology (**MSc**)
- Agricultural Economics. Department of Geotechnics, Cyprus University of Technology. **Undergraduate course.**
- Agricultural Policy Department of Geotechnics, Cyprus University of Technology. **Undergraduate course.**

Research activity

- “FARM ACCOUNTANCY DATA NETWORK” applied in Cyprus. European Project for estimating Agricultural Income at EU level.
- “Estimation of Evapotranspiration using remote sensing techniques in Cyprus”. EU and Cyprus Co-funded project (ΠΕΝΕΚ-ΕΝΙΣΧΥΣΗ-0803/13) for PhD funding – *principle researcher*
- *“Integration of satellite remote sensing, GIS, modelling and wireless-sensor network for monitoring and determining irrigation demand in Cyprus” Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology at the CUT funded scientific program:*
- *Study of the Urban Heat Island Effect in Cyprus”, Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the Cyprus Promotion Research Foundation funded scientific program*
- *“Development of an automated system for monitoring Redscale population using image analysis, wireless networks and GIS technologies”. Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the Cyprus Promotion Research Foundation funded scientific program*
- *“Air pollution monitoring from space in Cyprus, ‘AIRSPACE’ project,” Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the Cyprus Promotion Research Foundation funded scientific program*
- *An integrated use of satellite remote sensing and hydraulic modelling for flood risk assessment at catchment scale in Cyprus, SATFLOOD project”. Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the Cyprus Promotion Research Foundation funded scientific program*
- *“Web and 3G mobile phone based air quality management: particulates, public health, co-benefits”-WEB-AIR-2 EUREKA”, Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the Cyprus Promotion Research Foundation funded scientific program*
- *“Coastal Water quality using earth observation in Cyprus”, Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the Cyprus Promotion Research Foundation funded scientific program*
- *“Development of a novel methodology for the detection of sub-surface remains using remote sensing data Study Area, access to Chris Proba, European Space Agency Project Project ID: 8886:*
- *“Development of an experimental System for Mapping of Lobesia Botrana Population in Cyprus using automated traps and wireless communication and Positioning Systems” - Funded from the National Research Promotion Foundation - Associate Researcher*

- “CASCADE” (*Catastrophic Shifts in Drylands and Ecosystems*) in EU - FP7 Project – *Associated Researcher*
- SYSTEM DEVELOPMENT BASED ON THE INTEGRATED USE OF COMMUNICATION SYSTEMS AND SPACE IMAGES FOR ALERTING FARMERS REGARDING IRRIGATION DEMANDS – Funded from the National Research Promotion Foundation (0311) . Development of patented mobile phone application for irrigation management at pilot level. – *LEADER researcher*
- DEVELOPMENT OF A LOW ALTITUDE AIRBORNE REMOTE SENSING SYSTEM FOR THE PROCESSING OF SATELLITE FOR ARCHAEOLOGICAL INVESTIGATIONS – Funded from the National Research Promotion Foundation – *Associated Researcher*
- The use of Geoinformatics for estimating the effect of climate change on irrigation cost of different crops of Cyprus agriculture. Agricultural Research Institute Internal Project. – *LEADER Researcher*
 - ‘SMARTFARMER’. Lifelong Learning Programme funded from the EU LEONARDO DA VINCI PROGRAM. – *Associated researcher*
 - ‘Adaptation to Climate change Impacts on the Mediterranean islands’ Agriculture. LIFE PROJECT – Agricultural research Institute 2016. –*Associated researcher*
 - COST ES1106. EURO_AGRIWAT. Committee member and researcher in WG4 specialized for Remote Sensing in Water.
 - COST ES1309. OPTIMISE. Committee member and researcher in WG1. Field spectroscopy and remote sensing techniques
 - ‘Genetic Improvement of Black eyed beans in Pafos area’. Agricultural Research Institute Internal Project. *Associated Researcher*
 - ‘Data base of Production Cost and Revenues of all agricultural Crops in Cyprus’. Project funded by Ministry of Agriculture, Natural Resources and Environment. Principle researcher
 - ‘IoT4Potato’ (Data-driven Smart Farming services for supporting potato producers across Europe) - H2020 project under the Internet of Food and Farm 2020. *Associated researcher*
 - ‘Providing services for management of natural resources (RE-SOURCE)’ – MED-BALKAN INTERREG. *Lead researcher*
 - Smart Watering System for Optimising Irrigation Process (SWSOIP) - ESA Funded Research Project – First Call for Cyprus. *Associated researcher*
 - ICARUS Project: Robotically Controlled RADAR Inspired WiReless Charging for/from Flying UAV Platforms - RESTART 2016 – 2020 PROGRAMMES/Excellence Hubs. *Associated researcher*

Scientific Journals/books and Papers in Conference's Proceedings

➤ Book/Book Chapters

- M. Markou and G. Papadavid. 2007. Norm Input Output data for the main crop and livestock agricultural enterprises of Cyprus. AGRICULTURAL ECONOMICS REPORT 46. p.259. ISSN 0379-0827, Agricultural Research Institute. **(BOOK)**
- Diofantos G. H. and Papadavid G. Remote Sensing for Determining Evapotranspiration and Irrigation Demand for Annual Crops / In: Remote Sensing of Environment. Integrated Approaches. <http://dx.doi.org/10.5772/3337> **(book chapter)**
- Giorgos Papadavid, Skevi Perdikou, Neophytos Neophytou, Michalis Hadjimitsis and Diofantos Hadjimitsis. 2013. SEBAL Methodology for Estimating Crop Evapotranspiration in Cyprus. In: Technological Advancement for Vibrant Agriculture Edited by Amitava Rakshit ISBN: 978-618-5065-20-1, 428 pages. First published in 2013 by ATINER **(book chapter)**
- Stancalie G., Nertan A., Struzik P., Toullos L., Spiliotopoulos M., Papadavid G., Tarquis A. 2016. Assesment of the most appropriate set of vegetation indices and biophysical variables in the context of a cost effective solution to monitor water stress using satellite data. In: How the Study of the Water Foot Print of Agricultural crops can benefit from the use of satellite remotely sensed data. 2016 (COST EUROAGRIWAT)ISBN 978-80-85754-38-4 **(BOOK CHAPTER)**
- Toullos L., Loukas A., Spiliotopoulos M., and Papadavid G. 2019. "The use of observation methods and model approaches for estimating regional crop evapotranspiration and yield in agro-landscapes" book chapter @ "Landscape Modelling and Decision Support" **(book chapter)**

➤ **Journal/conference papers by year of publication**

2008

- D. Hadjimitsis, **Papadavid G**, and Kounoudes A. «Integrated method for monitoring irrigation demand in agricultural fields in Cyprus using remote sensing and wireless sensor network technology» ; HAICTA Athens proceedings, Vol.3, p.212-220
- D. Hadjimitsis, **Papadavid G**, Kounoudes A, Themistocleous K. Toullos L «Estimating irrigation demand using satellite remote sensing: a case study of Paphos District area in Cyprus» SPIE Cardiff proceedings, Vol. 7107, 2008 : ISSN 0277-786
- Hadjimitsis D.G., K. Themistocleous and **Papadavid G.**, 'The application of atmospheric correction algorithms for monitoring atmospheric pollution using Landsat TM images', Proceedings of SPIE Europe Remote Sensing, 15 - 18 September 2008 University of Wales Institute, Cardiff, UK : Vol. 7104, 2008 : ISSN 0277-786
- HADJIMITSIS, D.G.; THEMISTOKLEOUS, K.; **PAPADAVID**, G.; RETALIS, A.; CHRYSOULAKIS, N.; MICHAELIDES, S.; TOULIOS, L.; CLAYTON, C.R.I. 'Comparison between visibility measurements obtained from satellites and ground', *EGU Topical Conference Series, 10th Plinius Conference on Mediterranean Storms*, Nicosia, Cyprus, 22 – 24 September 2008 (2008)
- HADJIMITSIS, D.G.; THEMISTOKLEOUS, K.; **PAPADAVID**, G.; RETALIS, A.; CHRYSOULAKIS, N.; MICHAELIDES, S.; TOULIOS, L.; CLAYTON, C.R.I. 'Atmospheric correction for satellite remotely sensed data intended for hydrological applications using in-situ spectroradiometric and sun-photometer measurements', *EGU Topical Conference Series, 10th Plinius Conference on Mediterranean Storms*, Nicosia, Cyprus, 22 – 24 September 2008 (2008)
- **Γ. Παπαδαυίδ**, Μ. Μάρκου και Δ. Νεοκλέους 'Υδροπονική καλλιέργεια τομάτας. Η παραγωγή, η διαχείριση και ο έλεγχος της σε υδροπονικά υποστρώματα. *Proceedings of 10th Convention of ETAGRO, Thessalonikh, Greece p.167-180* In GREEK

2009

- **G. Papadavid**, D. Hadjimitsis 2009: Production economics of organic agriculture; the case of vines and olives in the district of Cyprus. Proceedings of the 2nd International CEMEPE & SECOTOX Conference, Mykonos, June 21-26, 2009, ISBN978-960-6865-09-1, p.1949-1953
- **G. Papadavid**, A. Agapiou, S. Michaelides and D.G. Hadjimitsis. The integration of remote sensing and meteorological data for monitoring irrigation demand in Cyprus. *Nat. Hazards earth syst. Sciences*, 9, 2009-2014, 2009
- D. G. Hadjimitsis, M.G. Hadjimitsis, A. Agapiou, **G. Papadavid** and K. Themistocleous 2009. Coastal Water Quality Monitoring in Cyprus using Satellite Remote Sensing

Proceedings of the 2nd International CEMEPE & SECOTOX Conference, Mykonos, June 21-26, 2009, ISBN978-960-6865-09-1, p.1711-1716

- HADJIMITSIS D.G, AGAPIOU A. and **PAPADAVID G.** Surface reflectance retrieval from Landsat TM/ETM+ images for monitoring irrigation demand in Cyprus. Conference- 29th EARSeL Symposium: Imagine Europe. Chania, Crete, Greece, 15-18/6/2009 (2009)
- **Papadavid G.** and Hadjimitsis D., 2009, Estimating Evapotranspiration using Remote Sensing Techniques for the sustainable use of irrigation water in Agriculture, 29th EARSeL Symposium,, Chania, Crete, Proceedings, DOI: 10.3233/978-1-60750-494-8-166
- Agapiou A., **Papadavid G.**, Hadjimitsis D., 2009, Surface reflectance retrieval from Landsat TM/ETM+ images for monitoring irrigation demand in Cyprus, 29th EARSeL Symposium, Chania, Crete, DOI: 10.3233/978-1-60750-494-8-166
- A. Agapiou, **G. Papadavid** and D.G. Hadjimitsis, 2009. Remote sensing as an alternative tool for monitoring water consumption over agricultural areas of Cyprus. Proceedings of the 2nd International CEMEPE & SECOTOX Conference, Mykonos, June 21-26, 2009, ISBN978-960-6865-09-1, p.1697-1703
- **G. Papadavid** and D.G. Hadjimitsis, 2009. Spectral signature measurements during the whole life cycle of annual crops and sustainable irrigation management over Cyprus using remote sensing and spectroradiometric data: the cases of spring potatoes and peas. Proceedings of SPIE Vol. 7472, 747215,p. 1-10, Cardiff
- **G. Papadavid**, A.Agapiou and D.G. Hadjimitsis, 2009. Integration of wireless sensor network and remote sensing for monitoring and determining irrigation demand in Cyprus. Proceedings of SPIE Vol. 7472, 74720F,p. 1-8,Cardiff
- A. Agapiou, **G. Papadavid** and D.G. Hadjimitsis 2009. Integration of satellite remote sensing, gis, modeling and wireless sensor network for monitoring and determining irrigation demand in Cyprus. EWRA Seventh International Conference, Proceedings 2009, Limassol Cyprus. p. 973-980
- D.G. Hadjimitsis, K. Themistocleous, A. Agapiou and **G. Papadavid**, 2009. Atmospheric Correction Algorithms intended for air pollution monitoring in Cyprus using satellite remotely sensed data. Proceedings of RSPSoc 2009 Annual conference, September, Leicester, UK, p. 309-314
- Giorgos Papadavid, **Athos Agapiou, Diofantos G. Hadjimitsis, Kyriakos Themistocleous 2009. Estimating Evapotranspiration of spring potatoes in Paphos, Cyprus using remote sensing, spectroradiometric and meteorological data. Proceedings of RSPSoc 2009 Annual conference, September, Leicester, UK, p. 289-295**
- D. G. Hadjimitsis, K. Themistocleous, A. Agapiou, **G. Papadavid** and M. Hadjimitsis, 2009. Application of the empirical line atmospheric correction using non-variant targets for ASTER images. Proceedings of RSPSoc 2009 Annual conference, September, Leicester, UK, p. 296-302
- AGAPIOU A, HADJIMITSIS D.G., **PAPADAVID G.**,and THEMISTOCLEOUS K. Use of GIS and Remote Sensing for evapotranspiration determination in agricultural fields in Cyprus, 19th PanHellenic ArcGIS ArcInfo – ArcView – ArcGIS Server, 18-20/11/2009, Athens- Greece , organised by Marathon Data Systems (2009)

2010

- HADJIMITSIS D. G. , **PAPADAVID G.** , AGAPIOU A., THEMISTOCLEOUS K.,HADJIMITSIS M. G. , RETALIS A. , MICHAELIDES S., CHRYSOULAKIS N., TOULIOS L., and CLAYTON C. R. I., Atmospheric correction for satellite remotely sensed data intended for agricultural applications: impact on vegetation indices, Nat. Hazards Earth Syst. Sci., 10, 89-95 (2010)
- **PAPADAVID G.**, AGAPIOU A. and HADJIMITSIS D.G. Validation of remote sensing vegetation indices, indented for hydrological purposes, through field spectroscopy, 10thInternational Conference on Meteorology – Climatology and Atmospheric Physics (10thCOMECAP), organized by: The Laboratory of Atmospheric Physics of the University of Patras and the Hellenic Meteorological Society, 15-21/5/2010, University of Patras (2010)
- **PAPADAVID G.**, AGAPIOU A., NISANTZI A,HADJIMITSIS D.G and MICHAELIDES S. Exploring the need of using existing meteorological stations for the effective monitoring of irrigation demand in Cyprus, 10th International Conference on Meteorology – Climatology and Atmospheric Physics (10th COMECAP), organized by: The Laboratory of Atmospheric Physics of the University of Patras and the Hellenic Meteorological Society, 15-21/5/2010, University of Patras (2010)
- **PAPADAVID G.**, HADJIMITSIS D.G., THEMISTOCLEOUS K., TOULIOS L. "Spectral vegetation indices from field spectroscopy intended for evapotranspiration purposes for spring potatoes in Cyprus," Proceedings of SPIE Vol. 7824, 782410 (2010).
- AGAPIOU, A., HADJIMITSIS, D. G., THEMISTOCLEOUS, K., **PAPADAVID, G.**, TOULIOS, L., "Detection of archaeological crop marks in Cyprus using vegetation indices from Landsat TM/ETM+ satellite images and field spectroscopy measurements," Proceedings of SPIE Vol. 7831, 78310V (2010).
- Athos Agapiou, Diofantos Hadjimitsis, Apostolos Sarris, Kyriacos Themistocleous, and **George Papadavid**. Hyperspectral Ground Truth Data for the Detection of Buried Architectural Remains, EuroMed 2010, LNCS 6436, pp. 318–331, 2010.© Springer-Verlag Berlin Heidelberg 2010
- **Papadavid George**, Hadjimitsis Diofantos. An integrated approach of Remote Sensing techniques and micro-sensor technology for estimating Evapotranspiration in Cyprus. Agricultural Engineering International: CIGR Journal, Manuscript 1528, Vol. 12, No. 3, 2010.

2011

- **Papadavid G.**, Hadjimitsis D.G., Michaelides S., Effective irrigation management using the existing network of meteorological stations in Cyprus. Advances in Geosciences Journal, 9, 7-16, 2011
- **Papadavid G.**, Hadjimitsis D.G., Kurt Fedra and Michaelides S., Smart management and irrigation demand monitoring in Cyprus, using remote sensing and water resources simulation and optimization. Advances in Geosciences Journal, 9, 1-7, 2011, doi:10.5194/adgeo-9-1-2011

- **George Papadavid**, Diofantos Hadjimitsis, Leonidas Toullos, Silas Michaelides. 2011. Mapping Potatoes Crop Height and LAI through Vegetation Indices using Remote Sensing, in Cyprus Journal of Applied Remote Sensing 5, 053526 (2011), DOI:10.1117/1.3596388
- **G. Papadavid**, D.G. Hadjimitsis, S. Perdikou, S. Michaelides, L. Toullos, N. Seraphides, 2011. Use of field spectroscopy for exploring the impact of atmospheric effects on Landsat 5 TM / 7 ETM+ satellite images intended for hydrological purposes in Cyprus, GIScience and Remote Sensing, 48, No 2, p. 280—298, DOI: 10.2747/1548-1603.48.2.280
- **G. Papadavid**, D. Hadjimitsis, A. Agapiou, D. Alexakis and C. Papoutsas. Irrigation water management using geoinformatics and remote sensing techniques: the case of Mandria, SW Cyprus, Proceedings of 6th EWRA International Symposium, Water engineering and Management in a changing environment, Catania, 1-3 July 2011.
- Γ. Παπαδαυίδ, Γ. Κούντιος, Δ. Κοκαρίδας και Τ. Πετεινίδης. 2011. Η συμβολή της δορυφορικής τηλεπισκόπησης στη διαχείριση του νερού άρδευσης-Τεχνοοικονομική μελέτη. Περιοδικό 'Γεωπονικά' τεύχος 56, Επιστημονικές εργασίες, ISSN 0367 5009. In GREEK
- Δ. Χατζημιτσής, Α. Αγαπίου, **Γ. Παπαδαυίδ** 2011. Ταξινόμηση χρήσεων γης για σκοπούς υπολογισμού της εξατμισοδιαπνοής με τη χρήση δορυφορικών δεδομένων και έλεγχος με τη χρήση επίγειων φασματοραδιομετρικών δεδομένων. 11^ο Πανελληνιο Συνέδριο Οποροκηπευτικών, Λεμεσός, Κύπρος.(Poster) . In GREEK
- Δ. Φασούλα. Μ. Ομήρου, Ι. Ιωαννίδης, Γ. Μαραθεύτης και **Γ. Παπαδαυίδ**. Γενετική βελτίωση για προσαρμογή στην κλιματική αλλαγή με είδος-μοντέλο το μαυρομάτικο φασόλι, μια παραδοσιακή καλλιέργεια της Κύπρου 25^ο Συνέδριο Εταιρείας Επιστήμης Οποροκηπευτικών, Λεμεσός, Κύπρος . In GREEK
- Diofantos G. Hadjimitsis, Athos Agapiou, **Giorgos Papadavid**, Leonidas Toullos 2011. Development of a complete database of Ground Spectral Signature Profiles intended for Estimating Evapotranspiration over Agricultural Areas in Cyprus, Proceedings of Fifth International Conference EFS, Russia, p. 299-300
- Athos Agapiou, Diofantos G. Hadjimitsis, Christiana Papoutsas, Dimitrios D. Alexakis and **George Papadavid**. The Importance of Accounting for Atmospheric Effects in the Application of NDVI and Interpretation of Satellite Imagery Supporting Archaeological Research: The Case Studies of Palaepaphos and Nea Paphos Sites in Cyprus. MDPI Remote Sens. 2011, 3, 2605-2629; doi:10.3390/rs3122605
- **Γ. Παπαδαυίδ**, Μ. Μάρκου, Τ. Πετεινίδης, Π. Μηλόπουλος, Π. Βαδιάκας 2011. «Οικονομικότητα της Παραγωγής Ελιών και Αμπελιού βιολογικής καλλιέργειας» Περιοδικό 'Γεωπονικά' τεύχος 448, Επιστημονικό άρθρο, ISSN 0367 5009. . In GREEK
- Athos Agapiou, Diofantos Hadjimitsis, Dimitrios Alexakis, **Giorgos Papadavid**. 2012 Examining the Phenological Cycle of Barley Crops for the detection of buried archaeological remains, GIScience and Remote Sensing, 48, No 2, p. 280—298, DOI: 10.2747/1548-1603.48.2.280

2012

- **Giorgos C. Papadavid**, Michalakis G. Hadjimitsis, Skevi Perdikou, Diofantos G. Hadjimitsis, Athos Agapiou. Smart management and monitoring of irrigation demand in Cyprus using satellite remote sensing and third generation mobile phones. EARSEL proceedings 2012
- Athos Agapiou, Diofantos G. Hadjimitsis, Argyro Nisantzi, Dimitrios D. Alexakis, Kyriacos Themistocleous, **Giorgos Papadavid**, Christiana Papoutsas. Variability of Field Spectroradiometric Measurements Using Nearly Lambertian Surfaces and Auxiliary Lidar Observations, 32nd EARSEL Symposium 2012, Mykonos Island, Greece, 21-24/05/2012
- **Papadavid G.**, Hadjimitsis D., Agapiou A., A comparison of a hydrological and an energy balance model for estimating evapotranspiration of chickpeas (*Cicer arietinum*) at Paphos (SW Cyprus) agricultural area, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, Athens, Greece 30/5 - 1/6 2012 . Climatology and Atmospheric Physics Springer Atmospheric Sciences 2013, pp 247-252. DOI10.1007/978-3-642-29172-2_35.
- Chrysostomos Italos, Diofantos G. Hadjimitsis, Dimitrios Alexakis, Athos Agapiou, Kyriacos Themistocleous, Christiana Papoutsas, Papadavid Giorgos. Integrated Use of Satellite Remote Sensing and GIS for the Development of a Sophisticated Sustainability Index for Urban Areas: A Case Study of Paphos City (Cyprus). . EARSEL proceedings 2012
- Γεώργιος Κούντιος, Αναστάσιος Μιχαηλίδης, Αφροδίτη Παπαδάκη-Κλαυδιανού, **Παπαδαυίδ Γεώργιος**. Εκπαιδευτικές ανάγκες Νέων Αγροτών στις Τεχνολογίες Πληροφορικής και Επικοινωνιών. 12ο Πανελλήνιο Συνέδριο Αγροτικής Οικονομίας Α.Π.Θ., 22-24 Νοεμβρίου 2012, Θεσσαλονίκη. **In GREEK**
- Hadjimitsis D., Agapiou A., **Papadavid G.**, Toullos L., Development of a complete database of Ground Spectral Signature Profiles intended for Estimating Evapotranspiration over Agricultural Areas in Cyprus: 'The Final Results of the Integration Project', 5th International Conference Earth From Space - the Most Effective Solutions Proceedings, p. 299-300, 29/11 - 01/12/2011, Moscow, Russia.
- Agapiou A., Hadjimitsis D. G., Georgopoulos A., Themistocleous K., Alexakis D. D., **Papadavid G.** Development of a low altitude airborne remote sensing system for supporting the processing of satellite remotely sensed data intended for archaeological investigations. Proc. SPIE 8538, Earth Resources and Environmental Remote Sensing/GIS Applications III, 85380B (October 25, 2012); doi:10.1117/12.974711
- Athos Agapiou, Diofantos G. Hadjimitsis, Dimitrios D. Alexakis and Giorgos Papadavid. Examining the Phenological Cycle of Barley (*Hordeum vulgare*) Using Satellite and in situ Spectroradiometer Measurements for the Detection of Buried Archaeological Remains. GIScience & Remote Sensing, 2012, 49, No. 6, p. 854–872. <http://dx.doi.org/10.2747/1548-1603.49.6.854>
- G. Papadavid, S. Perdikou, M. Hadjimitsis and D. Hadjimitsis. Remote sensing applications for planning irrigation management. The use of SEBAL methodology for

estimating crop evapotranspiration in Cyprus. *Environmental and Climate Technologies*, 2012/9, doi: 10.2478/v10145-012-0012-z.

2013

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