

CURRICULUM VITAE



PERSONAL INFO

Full name: Iordanidis Charalampos

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CURRENT POSITION

Laboratory and Teaching Staff, MSc, Laboratory of Genetics and Plant Breeding,
School of Agriculture, Aristotle University of Thessaloniki.

STUDIES

- 2013: MSc in Soil Management and Soil Resources, Aristotle University of Thessaloniki,
- 2008: BSc in Applied Informatics, University of Macedonia, Thessaloniki,
- Proficiency in English, Michigan University,
- Lower in English, Cambridge University.

HOURS OF COLLABORATIONS

- Students (undergraduate, postgraduate and PhD candidates' students):
Monday-Friday 10:00-15:00,
- Teaching Staff (outside the Department of Agriculture, AUTH):
Wednesday 12:00-14:00

PUBLICATIONS

- Publication of a Scientific Book with the title, "Open Source e-Platform Development - WebGIS Publishing", LAP Lambert Academic Publishing (2017-03-14), <https://www.morebooks.shop/store/gb/book/open-source-e-platform-development/isbn/978-3-330-05670-1>. ISBN-13: 978-3-330-05670-1, ISBN-10: 3330056703, EAN: 9783330056701,
- Publication of a Literature Book in Greek with the title "Το Πολυτιμότερο Αγαθό", Pigi Publication, October 2018, <https://www.pigi.gr/?product=to-politimotero-agatho&fbclid=IwAR%20361PxQ-KilmRbSsoxRPcsTHfUoyQlthjZDuUlhYCLIPdpRuSBV0-HWEkI>,
- Georgios Ovakoglou, Thomas Alexandridis, Jan G. P. W. Clevers, Ines Cherif, Dimitrios Kasampalis, Ioannis Navrozidis, **Charalampos Iordanidis**, Dimitrios Moshou. "SPATIAL ENHANCEMENT OF MODIS LEAF AREA INDEX USING REGRESSION ANALYSIS WITH LANDSAT VEGETATION INDEX", IGARSS 2018,
- Nikolaos Silleos, Stavroula Strati, Ines Cherif, Charalampos Topaloglou, Thomas K. Alexandridis, **Charalampos Iordanidis**, Domna Stavridou, Styliani Monachou, Christos Kalogeropoulos, Georgios Bilas, Nikolaos Misopolinos, Tomas Fernando Chiconela, Waldenio Gambi de Almeida, Isnaeni Murdi Hartanto, Schalk Jan van Anandel, Antonio Nunes, Antonio Araújo, and Pedro Chambel-Leitao. Weekly time series of LAI maps at river basin scale using MODIS satellite data, 1st International GEOMAPPLICA Conference 2014,
- T.K. Alexandridis, G. Ovakoglou, I. Navrozidis, A. Kasambalis, **C. Iordanidis**, Ines Cherif "Modern Remote Sensing Methods (Satellite and UAV) in Sustainable Agricultural Production", 7th Panhellenic Agrotica Conference, 2018,
- **C. Iordanidis**, V. Takavakoglou, G. Zalidis, E. Pana " Interactive web platform for environmental data processing and support of decision making in Municipal Authorities ", Fourth International Conference, University of Thessaly, Volos 26-27 October 2013,
- **C. Iordanidis**, Development of an interactive online platform for imaging and processing of digital thematic background layers that applies In agro-environmental data, Issue Vo2, No1 In South Eastern European Journal of Earth Observation and Geomatics , Published online April 2013, School of Agriculture, Laboratory of Remote Sensing and GIS, Aristotle University of Thessaloniki, Greece,

- I. Cherif, T.K. Alexandridis, P. Chambel Leitao, E. Jauch, D. Stavridou, **Ch. Iordanidis**, N. Silleos, N. Misopolinos, R. Neves and A. Safara Araujo, 2013. Merging raster meteorological data with low resolution satellite images for improved estimation of actual evapotranspiration. Geophysical Research Abstracts, Vol. 15, 11658, In: European Geosciences Union General Assembly, 7-12 April 2013, Vienna, Austria,
- T.K. Alexandridis, I Cherif., C.Topaloglou, S. Monachou, S. Strati, D. Stavridou, **Ch. Iordanidis**, G. Bilas, C. Kalogeropoulos, A. Araujo, A. Nunes, P.C. Leitao, N. Silleos, N. Misopolinos, 2012. Merging Hydrologic models and EO data for reliable information on water. Call: FP7-SPA.2010.1.1.-04.

PROFESSIONAL ACTIVITIES 2009 - TODAY

- e-administration and management of the Postgraduate Program "Sustainable Agricultural Production Systems and Climate Change" and of the Postgraduate program "Genetic Plant Improvement and Production of Propagating Material (2018-2020)",
- e-administration of the elections of President and vice president, School of Agriculture, Aristotle University of Thessaloniki (2019),
- Video Conference Administrator of the faculty of Agriculture, Aristotle University Thessaloniki (2014),
- Network and Computer Department Administrator of Laboratory of Remote Sensing and GIS, A.U.T.H.,
- Webserver - Webhosting Management, Network and IP management, Laboratories of Remote Sensing and GIS and of Applied soil laboratory, Aristotle University of Thessaloniki,
- Co-instructor in laboratory postgraduate lesson, "Advanced GIS" and "Advanced Remote Sensing",
- Co-instructor in laboratory undergraduate lesson, "Remote Sensing",
- WebGIS WISE Publishing systems Development using Open Source Software Content Management System (CMS), Joomla,
- Websites and Web Platforms Development using Open Source Software Content Management System (CMS), Joomla,
- Forum and Online Communities Development (Social Networking) using Open Source Software Content Management System (CMS), Joomla,
- Windows Servers Software installation and management,
- VMware vSphere Hypervisor administration,

- Remote Sensing Softwares (ESRI Arcmap, Erdas imagine),
- Webserver, Webhosting, Virtual Server management and Ip management of the Laboratory of Remote Sensing and GIS, A.U.T.H.

DEVELOPMENT AND MANAGEMENT OF THE FOLLOWING WEBSITE AND E-PLATFORMS:

- www.ecotopia.gr,
- <http://www.saps.agro.auth.gr/>,
- <http://mpsplantbreeding.agro.auth.gr/>,
- <http://genbreedlab.agro.auth.gr/>,
- <http://msc-deep.agro.auth.gr/>,
- <http://axiosdelta.web.auth.gr>,
- <http://www.civilwater.eu>,
- <http://eplatform.civilwater.eu>
- <http://safe-wet.eu>,
- <http://eco-satellite.eu>,
- <http://precisionfarmingcluster.org>,
- <http://safewastecycle.eu>,
- <http://safewastecycle.eu/e-platform/>,
- <http://eplatform-eyecoast.web.auth.gr>,
- <http://e-highway.web.auth.gr>,
- <http://accolagoons.balcenv.gr>,
- <http://eplatform-eyesoil.web.auth.gr>,
- <http://labrsgis.web.auth.gr>,
- <http://appliedsoilab.web.auth.gr>,
- <http://www.agroctima.auth.gr>,
- <http://sinoche.gr/>,
- <http://geovision.web.auth.gr>,
- <http://ifantiki.gr/>,
- <http://nstylas.com/>.

CONTRIBUTION IN SELECTED RESEARCH PROJECTS

- **2017-2019:** Enhancing food security in African farming systems with the support of remote sensing,
- **2015:** Environmental information system for the support of entrepreneurship and competitiveness which is implemented within the framework of the operational programme “Digital Convergence”,
- **2014:** Conservation and quality assurance of municipal water in the crossborder area – CIVILWATER, INTERREG, project manager (CIVILWATER),
- **2014:** Recycling of organic waste and green entrepreneurship in the urban web to secure public health (SAFE WASTECYCLE),
- **2014:** Common support structures for the quality monitoring of water resources and the protection of public health (SAFEWET),
- **2013:** Development of an online application to support the environmental management actions of coastal zone of Thermaikos Gulf (<http://eplatform-eyecoast.web.auth.gr>) and of an interactive application of environmental reports, (Axios Delta E-Platform),
- **2013:** Environmental Highway Observatory (E-Highway) 2007-2013,
- **2013:** Joint framework for the provision of standardized services to Geotechnical engineers for (e)training on natural risks – civil protection and for promoting access to the labour market (Geopromotion),
- **2013:** «Initiation and Pilot Operation of The National Observatory of Forest Fires (NOFFi) – Development of fire indices, products and services related to the prevention of forest fires as well as the estimation of the impacts»,
- **2012:** Actions for the conservation of coastal habitats and significant avifauna species in NATURA 2000 network sites of Epanomi and Aggelochori Lagoons, Greece” (LIFE09 NAT/GR/000343), LIFE+ 2009 (Accolagoons),
- **2012:** “ECO-Satellite – Development of a common intraregional monitoring system for the environmental protection and preservation of the Black Sea" (ECO-Satellite),
- **2011:** Merging Hydrologic models and EO data for reliable information on water (MyWater),
- **2008:** Assessment of nutrients, heavy metals and hydrodynamic soil properties for the wise use of water and fertilizers and the growth of safe products in the Region of Eastern Macedonia and Thrace (2007-2010). Funding body: Region of Eastern Macedonia and Thrace, Greece ".

TEACHING EXPERIENCE

Courses of Winter semester of 2020–21 academic year

SCHOOL OF AGRICULTURE AUTH

N069E GENETICS

N555E PLANT BIOTECHNOLOGY

Courses of Spring semester of 2020–21 academic year

SCHOOL OF AGRICULTURE AUTH

N510Y PLANT BREEDING

N548E SEED PRODUCTION AND CLONAL PROPAGATION OF PLANTS

N044E MOLECULAR BIOLOGY

- Instructor within the Geopromotion Project “JOINT FRAMEWORK FOR THE PROVISION OF STANDARIZED SERVICES TO GEOTECHNICAL ENGINEERS FOR (E)TRAINING ON NATURAL RISKS-CIVIL PROTECTION AND FOR PROMOTING ACCESS TO THE LABOUR MARKET”, Geopromotion, European Program Greece - Bulgaria 2007-2013,
- Co-instructor in laboratory postgraduate lessons "Advanced GIS " and "Advanced Remote Sensing",
- Co-instructor in laboratory undergraduate lesson, "Remote Sensing".

PARTICIPATION IN CONFERENCES – WORKSHOPS

- Presenter at the conference of the Project "Development of an online application to support the environmental management actions of coastal zone of Thermaikos Gulf. Pilot implementation in the western coastal zone". Presentation of an Electronic online Platform “eyecoast-eplatfotm” (<http://eplatform-eyecoast.web.auth.gr>),
- Attendance of the International Conference of Geoinformatics for Environmental Surveillance (StatGis 2009), Int. Con., Milos Island, Greece, 17-19 June 2009 and of the Special Seminar on Geoinformatics given by distinguished American professors.

POSTERS

- T.K. Alexandridis, A. Araujo, P. Chambel Leitao, I. Cherif, D. Stavridou, S. Strati, **C. Iordanidis**, A. Nunes, I. Hartanto, W. Almeida, S.J. van Andel, G. Bilas, N. Silleos and N. Misopolinos, "Estimating weekly time series of hydrological information (LAI, ETa and soil moisture) using satellite remote sensing", Poster presented in the conference: Earth Observation for Water Cycle Science 2015, 20-23 October, ESA-ESRIN, Italy,
- Αγγελική Τζέλλου, Αναστασία-Μαρία Σωτηροπούλου, Γεώργιος Μπίλας, Θωμάς Αλεξανδρίδης, Νικόλαος Καραπέτσας, **Χαράλαμπος Ιορδανίδης**, Νικόλαος Συλλαίος και Νικόλαος Μισοπολινός "**Αξιολόγηση καταλληλότητας γεωργικής γης για καλλιέργεια αραβόσιτου στο Νομό Ροδόπης με τη χρήση του ArcGIS Model Builder**", *20η Πανελλαδική Συνάντηση Χρηστών ArcGIS, 1-3 Νοεμβρίου 2010, Αθήνα,*
- Αναστασία-Μαρία Σωτηροπούλου, Αγγελική Τζέλλου, Θωμάς Αλεξανδρίδης, Γεώργιος Μπίλας, Νικόλαος Καραπέτσας, **Χαράλαμπος Ιορδανίδης**, Νικόλαος Συλλαίος και Νικόλαος Μισοπολινός "**Εκτίμηση του κινδύνου διάβρωσης γεωργικών εδαφών του Νομού Ροδόπης με την εφαρμογή του μοντέλου USLE με τη χρήση του ArcGIS Model Builder**" , **Μάρτιος 2011, Αριστοτέλειο Πανεπιστήμιο Θεσ/νίκης.**