

Kyriacos Themistocleous, Ph.D, AIA, NCARB

E-mail: k.themistocleous@cut.ac.cy; Tel: +35799570178

Dr. Kyriacos Themistocleous is a Senior Researcher at the Cyprus University of Technology. He has a great deal of experience in research and development, as well as having been involved in over 30 European funded projects (including HORIZON 2020, FP7, FP6, LIFE+, ERASMUS+, MED, INTERREG, EUREKA, JPI, etc) as well as national funded projects, including the Research Promotion Foundation. He is the Project Manager of the EXCELSIOR project for the creation of the Centre of Excellence in Earth Observation (H2020). As well, he is the national representative for the Copernicus User Forum, the Copernicus Cultural Heritage Task Force, the Copernicus Relay Network and the Copernicus Academy as well as the expert-representative for ICIP (Interpretation and Presentation of Cultural Heritage Sites)

Dr. Kyriacos Themistocleous graduated from the University of Louisiana with a 5 year degree in Bachelor of Architecture, followed by a 2 year Masters of Architecture in Urban Design from the University of Oklahoma. He received his Ph.D from the Cyprus University of Technology. He has completed his post-doctorate in Marine Spatial Planning. His experience and research interest include remote sensing, geomatics, Earth observation, GIS development, architecture, urban planning, life cycle cost, cultural heritage and environmental applications. Currently, he has over 280 publications in peer-reviewed journals, book chapters and conference proceedings with over 1,000 citations. He has participated as chairman in several international conferences as well as reviewer and editor for several scientific journals. As well, he is a reviewer for European research projects for the European Commission. He is the Chair of the Organizing Committee of the International Conferences of Remote Sensing and Geo-information.

Dr. Themistocleous is President of the Cyprus Remote Sensing Society, Executive Council member of the Technical Chamber of Cyprus (ETEK) and treasurer of the Cyprus branch of the International Council on Monuments and Sites (ICOMOS). He is also a member of the Cyprus Architect Association, American Institute of Architects (AIA), the National Council of Architecture Registration Board (NCARB), the Architecture Honors Society and the International Society for Optics and Photonics (SPIE). He is a licensed architect in Cyprus and the United States as well as a Qualified Expert on the Energy Performance of Buildings for the Energy Service of the Ministry of Commerce, Industry and Tourism in Cyprus. He participated in the special committee of the Minister of Transport, Communications and Works, Cyprus for Space, in relation with the European Space Agency.

EDUCATION

- 2007 - 2011** **Cyprus University of Technology**
PhD (Remote sensing and GIS)
- 1991 - 1993** **University of Oklahoma**
Master of Architecture (Urban Design)
- 1986 - 1991** **University of Southwestern Louisiana**
Bachelor of Architecture

EMPLOYMENT

- 2007 - Present** **Cyprus University of Technology, Limassol**
Senior Researcher (Remote Sensing and Geo-information)
- 2012 - Present** **Neapolis University, Paphos**
Visiting Academic (Real Estate Development)
- 2011 - 2016** **University of Cyprus, Nicosia**
Special Scientist (Architecture Design)
- 2017 - 2018** **Cyprus College - Limassol Campus, Limassol**
Adjunct professor (Urban planning)
- 2004- 2010** **Frederick University - Nicosia**
Frederick institute of Technology -Nicosia
Visiting lecturer
- 1997 - Present** **Themistocleous and Associates, Limassol**
Executive Director
- Architecture, urban planning, engineering services
 - Sustainable architecture: eco-design, energy efficiency
- 1996** **ADI International, Chicago, Illinois**
Director - Project manager
- Architecture, urban planning, engineering services
 - Construction management, Life cycle cost and life cycle assessment, Real estate development.
- 1995** **Chipman-Adams Ltd., Chicago, Illinois**
Project Manager
- Architecture design, project management, urban planning and cost management of multi-million projects
 - Project and construction management, Sustainable architecture, eco-design, energy efficiency
- 1991 - 1994** **BSW International, Tulsa, Oklahoma**
Project Leader – Project Coordinator
- Architectural design, project management, urban planning and project coordination
 - Project and construction management , Sustainable architecture, eco-design, energy efficiency, and urban development

ELECTED POSITIONS AND PARTICIPATION IN COMMITTEES

ETEK (Scientific and Technical Chamber of Cyprus)

The Cyprus Scientific and Technical Chamber (ETEK) is the statutory Technical Advisor to the State and is the umbrella organisation for all Cypriot Engineers. It was established by Law 224/1990 and is a Public Law Body with an elected Governing Body. ETEK has over 11,500 registered members

2017 - 2020: **Executive Council Member** - responsible for implementing policy, determining current operational matters, approving and expressing the views of the Chamber publicly to various Government sectors, Parliament and to the public.

2011 - 2020: **General Council Member** - responsible for the Chamber's annual programmes, the budget and financial report as well as approving ETEK policy

Committees:

2017 - present **ETEK Financial Committee**

2017 - present **Chair of the ETEK Research, Technological Development and Innovation Committee**

2017 - present **Chair of the ETEK BIM Committee**

2011 - 2017 **Member registration review committee**

2011 - 2017 **E-Procurement Committee**

2011 - 2017 **Architectural Committee**

ICOMOS (International Council on Monuments and Sites)

The International Council on Monuments and Sites (ICOMOS) is a professional association that works for the conservation and protection of cultural heritage places around the world.

2018 - 2021: **Treasurer - Executive Council Member**

2018 - 2021: **Cyprus expert-representative for ICIP (Interpretation and Presentation of Cultural Heritage Sites)**

Cyprus Remote Sensing Society

The Cyprus Remote Sensing Society is a professional NGO that is dedicated to the field of Remote Sensing and Geoinformation.

2015 - Present: **President - Executive Council Member**

COPERNICUS

Copernicus is the European system for monitoring the Earth and is coordinated and managed by the European Commission.

2018 - Present **Cyprus Representative to Copernicus User Forum** on behalf of the Ministry of Communications and Works

2018 - Present **Cyprus Representative to the Copernicus Cultural Heritage Task Force** on behalf of the Ministry of Communications and Works.

COST

COST (European Cooperation in Science and Technology) is a funding organisation for research and innovation networks.

- 2018 - 2022:** **Management Committee Member**
SAGA COST ACTION CA17131
Soil Science & Archaeo-Geophysics Alliance
- 2018 - 2022:** **Management Committee Member**
SENSECO COST Action CA17134
Optical synergies for spatiotemporal sensing of scalable ecophysiological traits
- 2014 - 2017:** **Management Committee Member**
OPTIMISE COST Action ES1309
Innovative optical Tools for proximal sensing of ecophysiological processes

Cyprus Architects Association

The Cyprus Architects Association is a professional association that promotes architecture and organizes scientific seminars regarding the field of architecture.

- 2012 - 2018** **Executive Council Member**

OTHER COMMITTEES

- 2017 - Present** **Member of the Consultation group of the space program** of Horizon 2020 on behalf of the European Research Programmes and International Cooperation Unit, Cyprus Research Promotion Foundation
- 2018 - 2019** **Member of the evaluation committee for the Limassol Municipality Hero's Square project**
- 2018 - 2019** **Member of the evaluation committee for the Athienou monument project**
- 2006 - Present** **Executive Council Member of the Limassol Architects Platform**
- 2016 - 2017** **Reviewer for the business innovation proposals** on behalf of the Ministry of Energy, Commerce and Industry
- 2015 - 2016** **Advisory Committee for Space and the European Space Agency (ESA)**

PARTICIPATION AND COORDINATION OF RESEARCH PROJECTS

Coordinated as a principle Investigator:

- 2015 - 2018: PROTHEGO** (*Principal Investigator*)
Protection of European cultural heritage from geo - hazards
Funding agency: Joint Programming Initiative on Cultural Heritage and Global Change (JPICH), the Seventh Framework Programme (FP7) of the European Commission and the Cyprus Research Promotion Foundation
Amount of funding: 99,600 euros

2019 - 2026: EXCELSIOR (*Project manager*)

Upgrading the existing ERATOSTHENES Research Center into an EXcellence Research Centre for Earth Surveillance and Space-Based Monitoring of the Environment.

Funding agency: Horizon2020

Amount of funding: 15,000,000 euros

Participated in the following research projects:

2018-2021: THAL-CHOR 2

Cross-Border Cooperation for Maritime Spatial Planning

Funding agency: Interreg V-A Greece - Cyprus 2014-2020

Amount of funding: 700,000 euros

2018-2020: Digital Unblocking of Holy Islands

Navigators of Cultural Heritage Digitization of Churches of Cyprus and Crete,

Funding agency: Interreg V-A Greece - Cyprus 2014-2020.

Amount of funding: 125,000 euros

2017 - 2018: EXCELSIOR

Upgrading the existing ERATOSTHENES Research Center into an EXcellence Research Centre for Earth Surveillance and Space-Based Monitoring of the Environment.

Funding agency: Horizon2020

Amount of funding: 1,000,000 euros

2017 - 2020: 17-LCLUC17-0013

Prototyping MuSLI top of canopy chlorophyll content for assessment of vegetation function and productivity

Funding agency: Goddard Space Flight Center, NASA

2015-2018: ATHENA

Remote Sensing Science Center for Cultural Heritage

Funding agency: H2020-TWINN-2015

Amount of funding: 507,500 euros

2015 - 2018: CLIMA

Cultural landscape risk Identification, Management and Assessment.

Funding agency: Joint Programming Initiative on Cultural Heritage and Global Change (JPICH), the Seventh Framework Programme (FP7) of the European Commission and the Cyprus Research Promotion Foundation

Amount of funding: 100,000 euros

2014 - 2018: Anagennisis Project

Development of innovative solutions to reuse all tyre components in high value innovative concrete applications with reduced environmental impact

Funding agency: Seventh Framework Programme (FP7) of the European Commission

Amount of funding: 410,395 euros

2014-2015: SIMONA Project

Optical Remote Sensing techniques for bathymetry

Collaborating agency: European Space Agency (ESA)

2013 - 2015: THAL_CHOR

Cross-Border Cooperation for the Development of Maritime Spatial Planning

Funding agency: Interreg Greece - Cyprus 2007-2013

Amount of funding: 500,000 euros

2012 - 2015: Dragon3

Monitoring water quality features and prediction of potential fishing grounds by using multi-source and multi-scale remote sensing imageries

Collaborating agency: European Space Agency (ESA)

2012 - 2014: Waterleaks Project

Integrated use of space, geophysical and hyperspectral technologies intended for monitoring water leakages in water supply networks in Cyprus

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 86,895 euros

2012 - 2015: Hydraulics

Upgrade of the hydraulics laboratory for the modeling of water supply networks and design and operation optimization study

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 342,532 euros

2012 - 2017: CASCADE

Examination of sudden ecosystem shifts to prevent ecosystem degradation.

Funding agency: Seventh Framework Programme (FP7) of the European Commission

Amount of funding: 483,200 euros

2012 - 2015: STEELCOR

Research infrastructure for the study of corrosion in concrete steel reinforcement and improvement of the structural integrity of Cyprus buildings

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 484,700 euros

2012 - 2014: RISKA

Management of cultural heritage sites with the use of terrestrial and satellite data using GIS, through a pilot study at archaeological sites in Pafos

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 62,885 euros

2012 - 2013: ICAROS

Development of a low altitude airborne remote sensing system for the processing of satellite data for archaeological investigations

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 49,100 euros

2012-2015: MEDNET PROJECT

Mediterranean network for custom procedures and simplification of clearance in ports

Funding agency: INTERREG MED

Amount of funding: 382, 750 euros

2011 - 2015: ArcLand - Archaeolandscapes Europe

Analysis of remote sensing and other non-invasive surveying methods including geophysics, aerial archaeology, satellite imagery and LiDAR in archaeology

Collaborating agency: Culture 2007-2013 of the European Commission

2011 - 2013: WebAir

Web and 3G mobile phone based air quality management, including research on particulates, public health and co-benefits.

Funding agency: Eureka and Cyprus Research Promotion Foundation

Amount of funding: 106,620 euros

2011 - 2014: SAT-COAST

Monitoring and observation of coastal water quality in Cyprus using remote sensing techniques

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 104,680 euros

2011 - 2014: PM3- Particulates Monitoring, Modelling and Management

Use of satellite images to identify air quality and local emission sources of air pollution.

Funding agency: LIFE+

Amount of funding: 310,000 euros

2010 - 2011- TEENERGY Schools

Study of high energy efficient schools in the Mediterranean

Funding agency: Regional Development fund of the European Union

2010 - 2012: AirSpace

Monitoring air pollution in Cyprus using satellite remote sensing and GIS and micro-sensor technology

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 51,954 euros

2010 - 2013: Satflood

Integrated use of satellite remote sensing and hydraulic modeling for flood risk assessment at a catchment scale in Cyprus.

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 123,460 euros

2010 - 2012: REDSCALE

Development of an automated system for monitoring red-scale population using image analysis, wireless networks and GIS technologies.

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 9,360 euros

2010 - 2012: VAL-PRO

Value driven framework and scenarios for building and real estate procurement

Funding agency: Eracobuild and the Cyprus Research Promotion Foundation

Amount of funding: 44,360 euros

2008 - 2011: Heat Island

Study of the urban heat island effect in Cyprus

Funding agency: Cyprus Research Promotion Foundation

Amount of funding: 15,720 euros

2008: VineFly

Development of an experimental system for mapping of Lobesia Botrana population in Cyprus using automated traps and wireless communication and positioning systems

Collaborating agency: Cyprus Research Promotion Foundation

2008 - 2011: ECOLANES

Life cycle assessment for the economical and sustainable pavement infrastructure for surface transport

Funding agency: Sixth Framework Programme (FP6) of the European Commission

Amount of funding: 49,867 euros

2008: Integration of satellite remote sensing, GIS, modelling and wireless-sensor network for monitoring and determining irrigation demand in Cyprus

Research and analysis of data

Collaborating agency: Cyprus University of Technology Research Committee

2008: Monitoring air pollution in Cyprus using satellite remote sensing and GIS and micro-sensor technology

Research and analysis of data

Collaborating agency: Cyprus University of Technology Research Committee

PARTICIPATION IN NETWORKS**MEDRIN**

Mediterranean Regional Information Network, which serves as a liaison between Land Cover & Land Use Change remote sensing scientists and stakeholders in the Mediterranean region.

Collaborating agency: NASA

ACTRIS network

Collaboration with the European transnational access of AERONET data

Collaborating agency: Seventh Framework Programme (FP7) of the European Commission

ASTER

Advanced Spaceborne Thermal Emission and Reflection Radiometer Collection of in situ measurements during ASTER overpass

Collaborating agency: NASA

AERONET

Aerosol robotic network of ground-based sun photometer to measure atmospheric aerosol properties in Cyprus

Collaborating agency: NASA

GIS and Photogrammetry projects

GIS development: **GERHET: Office of Electronic Communications & Postal Regulations.** Integrated use of GIS with information technology for the Electronic Communications Network in Cyprus

European Commission - Joint Research Centre

Web platform for heatmaps of Cyprus, Ares(2017)531514

Cooperation for the Prevention of Wildfires Within the Buffer Zone- ETEK - Preparation of GIS mapping for the fire prevention within the Buffer Zone

Ministry Of Agriculture, Natural Resources and Environment - Geological Survey Department - “Strategy for Sustainable Quarrying and Mining Development of Cyprus, 2001 – 2025” (G.I.S. Development)

Sewerage Board of Nicosia - GIS and geophysical survey of the Nicosia sewer system using ground penetrating radar

Water Board Limassol - GIS development of the water supply network for the Limassol Water Board

Water Board Larnaca - GIS development of the water supply network for the Larnaca Water Board

United Nations Office for Project Services - Cyprus Geological Heritage Education Tool

EUROPEAN UNION “SMAP” PROJECT - Study for the improvement of Urban Air Quality in Limassol

Limassol Municipality - “Energie et Environnement Urban Dans Les Pays Mediterraneers”

Photogrammetry: Licensed UAV pilot with an operational license in Cyprus, registered through the Civil Aviation Authority

Documentation of Churches and historical monuments in Cyprus for the Archbishopric of Limassol, United Nations, Department of Antiquities, UNESCO, Etc.

Curium Theatre, Kourion Urban Space Project

Amathus Archaeological Site and Limassol archaeological sites, Department of Antiquities

Fabrica area, Municipality of Paphos

Nea Paphos Area for the Department of Antiquities

The Palaepaphos Urban Landscape Project

Asinou Church, INCEPTION project

Alhambra Palace, Spain and Chirokoitia Archaeological site, Cyprus - PROTHEGO project

Training on UAV applications and new techniques for the Council for Missing Persons

UAV survey and GPR analysis of archaeological remains within the Nicosia medieval city walls

University Courses Taught

Cyprus University of Technology:

POM 112 -Technical Design using CAD

POM 113 -Technical Design using CAD

POM 214 - Basics of Geo-information and GIS

POM 232 - Remote Sensing 1

POM 362 - Land Management and City planning

POM 373 - Remote Sensing Applications - Practicum
POM 435 - GIS Applications
GEO 563 - Advanced GIS Applications
GEO 564 - Advanced Remote Sensing Applications
GEO 565 - Geo-information Technologies
GEO 566 - Geo-Spatial Technologies

University of Cyprus

APH 123 - Design
APH 320 - Design using computer technology

Neapolis University

REAL 400 - Real Estate Development
REAL 403 - Real Estate Development Practicum
REAL 580 - Real Estate Development
REAL 590 - Real Estate Development Practicum
LAO 640 - Landscape Workshops

CHAIR AT CONFERENCES

RSCY2019	Seventh International Conference on Remote Sensing and Geoinformation of Environment
RSCY2018	Sixth International Conference on Remote Sensing and Geoinformation of Environment
RSCY2017	Fifth International Conference on Remote Sensing and Geoinformation of Environment
RSCY2016	Fourth International Conference on Remote Sensing and Geoinformation of Environment
RSCY2015	Third International Conference on Remote Sensing and Geoinformation of Environment
RSCY2014	Second International Conference on Remote Sensing and Geoinformation of Environment
RSCY2013	First International Conference on Remote Sensing and Geoinformation of Environment

CHAIRMAN AT CONFERENCES

SPIE 2018	SPIE Remote Sensing Conference 2018
EuroMED 2018	International Conference on Digital Heritage
ECRS2018	2nd International Electronic Conference on Remote Sensing
SPIE 2017	SPIE Remote Sensing Conference 2017
EuroMED 2016	International Conference on Digital Heritage
SPIE 2016	SPIE Remote Sensing Conference 2016
BioCultural	International Conference on Sustainability in Architectural Cultural Heritage, 2015
SPIE 2015	SPIE Remote Sensing Conference 2015
ISPRS2015	36th International Symposium on Remote Sensing of Environment

EuroMED 2014	International Conference on Digital Heritage
EuroMED 2012	International Conference on Digital Heritage
EuroMED 2010	Digital Heritage
VSMM 2008	Virtual Systems and Multimedia in Cultural
HeritageCIPA 2006	e-Documentation and Standardization in Cultural Heritage

REVIEWER FOR JOURNALS

Reviewer	<p> Aquaculture (Elsevier) Atmospheric Environment (Elsevier) Atmospheric Research (Springer) Automation in Construction (Elsevier) Cities (Elsevier) Construction and Building Materials (Elsevier) Central European Journal of Geosciences Computers and Electronics in Agriculture (Elsevier) Digital Applications in Archaeology and Cultural Heritage (Elsevier) Egyptian Journal of Remote Sensing and Space Sciences (Elsevier) Engineering Applications of Artificial Intelligence Environmental Science: Processes & Impacts Future Generation Computer Systems (Elsevier) Geosciences (MDPI) HardwareX (Elsevier) International Journal of Disaster Risk Reduction (Elsevier) ISPRS Journal of Photogrammetry and Remote Sensing (Elsevier) Journal of Agricultural Science Journal of Archaeological Science: Reports (Elsevier) Journal of Cultural Heritage (Elsevier) Journal of Natural Gas Science & Engineering (Elsevier) Journal of Sensors Journal of Traffic and Transportation Engineering (Elsevier) Multimedia Tools and Applications Open Geosciences Remote Sensing (MDPI) Remote Sensing Applications: Society and Environment (Elsevier) Remote Sensing Letters Renewable & Sustainable Energy Reviews (Elsevier) Sensors (MDPI) Sustainable Computing, Informatics and Systems (Elsevier) Sustainable Environment Research (Elsevier) Sustainability (MDPI) </p>
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AWARDS

- Honorable Mention, Architecture Competition - Restoration of the Laniteion Secondary School-Limassol. (Ministry of Education)
- EUROMED 2010 Best Paper Award “Monitoring Air Pollution in the Vicinity of Cultural Heritage Sites in Cyprus using Remote Sensing Techniques”.
- 1st Place, M.N. Davidson Foundation Competition
- State of Louisiana Award for Restoring and Preserving Historical Buildings
- The American Institute of Architects Scholastic Award for Excellence in the study of Architecture
- University of Louisiana Faculty Award

PROFESSIONAL MEMBERSHIPS AND LICENSING

- Cyprus Remote Sensing Society
- ETEK – Scientific and Technical Chamber of Cyprus
- ICOMOS (International Council on Monuments and Sites)
- Cyprus Architects Association
- American Institute of Architects
- National Council of Architecture Registration Board
- Member of the Architecture Honors Society
- State of Maryland Department of Labor, Licensing and regulation
- State of Connecticut Department of Consumer Protection
- Board of Governors of the Licensed Architects and landscape Architects of Oklahoma
- Rhode Island Board of Professionals
- Indiana Professional Licensing Agency
- Illinois Dept. of Professional Regulation
- International Society for Optics and Photonics (SPIE)
- Qualified Expert on the Energy Performance of Buildings for the Energy Service of the Ministry of Commerce, Industry and Tourism

INVITED SPEAKER

- **Themistocleous K. (2019).** *Monitoring cultural heritage sites affected by geohazards.* Invited Speaker. Sustainable Conservation of UNESCO and Other Heritage Sites through Proactive Geosciences, Aswan Egypt, 12 December, 2019.
- **Themistocleous K., (2018).** *Cyprus as a Regional Hub in the Field of Earth Observation.* Invited Speaker. MED 2018 (ESA), Frascati (Rome), Italy, 12 December 2018.
- **Themistocleous K., (2018).** *The Chirokoitia Case Study,* UNESCO Headquarters, March 23th, 2018, Paris, France.

- **Themistocleous K.,** (2017). *Earth Observation and Satellite Remote Sensing Applications for Cultural Heritage: Current Possibilities and Future Prospects.* Euromed 2017, Volos Greece, 2 December, 2017.
- **Themistocleous K.,** (2017). *Remote Sensing Opportunities for Cultural Heritage in the Eastern Mediterranean Region, Petra, Jordan,* 18 November, 2017.
- **Themistocleous K.,** (2017). *The Establishment of the EXcellence Research Centre for Earth Surveillance and Space-Based Monitoring of the Environment (EXCELSIOR) in Cyprus.* Invited Speaker, 37th International Symposium on Remote Sensing of Environment (ISRSE-37), Tshwane, South Africa, 8 May, 2017
- **Themistocleous K.,** (2017). *Building Information Modeling.* Invited Speaker, ETEK, 8 April, 2017.
- **Themistocleous K.,** (2016). *Space and Remote Sensing Technologies: the Applications and Benefits for the Society and Economy in Cyprus.* Invited Speaker, Cyprus Embraces Space 2016, Nicosia, 18 May, 2016.
- **Themistocleous K.,** (2016). *Anagennisi contribution to Circular Economy.* Invited Speaker, ETRA European Conference on Tyre Recycling, Brussels, 17 March, 2016.
- **Themistocleous K.,** (2015). *Anagennisi contribution to Circular Economy.* Invited Plenary Speaker, Anagennisis, TEE - Athens, 30 November, 2015.
- **Themistocleous K.,** (2015). *Joint reference strategies for rural activities of reduced inputs.* Invited Speaker, AGRO_LESS Conference, Thessaloniki, 30 October, 2015.
- **Themistocleous K.,** (2015). *Circular economy and life-cycle assessment.* Invited Plenary Speaker, Anagennisis, Imperial College - London, 6 July, 2015.
- **Themistocleous K.,** (2015). *In-situ measurements with a portable spectroradiometer and data analysis.* Invited Speaker, SPLIT Remote Sensing Summer School 2015, Thessaloniki, 19 May, 2015.
- **Themistocleous K.,** (2015). *The Use of UAV for Remote Sensing Applications: Current Examples and Future Trends.* Invited Plenary Speaker, 36th International Symposium on Remote Sensing of Environment (ISRSE-36), Berlin, 14 May, 2015.
- **Themistocleous K.** (2014). *Lessons learnt from using UAVs in Cyprus: landscapes applications.* Arcland UAV Conference 2014 Berlin. 23 May, 2014
- **Themistocleous K.** (2014). *Award Ceremony "How topography affects the microclimate of an area"* Ministry of Education, Nicosia, 8 May, 2014
- **Themistocleous K.** (2013). *Cyprus Safety Platform Meeting.* European University Cyprus, Nicosia, 30 January, 2013.
- **Themistocleous K.** (2012). *Value Driven Procurement in building and real estate sector.* Neapolis University, Pafos. 31 October, 2012.

- **Themistocleous K.** (2012). *Value Driven Procurement in building and real estate sector*. Cyprus University of Technology, Limassol. 23 October, 2012.
- **Themistocleous K.** (2012). *Value Driven Procurement in building and real estate sector - WP5, Cyprus Case Studies*. ValPro Consortium, Jonkoping. 17 January, 2012.
- **Themistocleous K.** (2011). *Value Driven Procurement in building and real estate sector-Value Models, Business Models and Tools*. ValPro Consortium, Oslo. 8 June, 2011.
- **Themistocleous K.** (2011). *Value Driven Procurement in building and real estate sector- WP1- Case Study*. ValPro Consortium, Sophia-Antipolis, 8 February, 2011.
- **Themistocleous K.** (2010). *Value Driven Procurement in building and real estate sector - Cyprus Case Study*. ValPro Consortium, Copenhagen. 25 October, 2010.
- **Themistocleous, K.** (2011). *Cyprus using automated traps and wireless communication and positioning systems*. St. Raphael Resort Hotel, Limassol. 2 November 2011.
- **Themistocleous K.** (2010). *Air Pollution Monitoring in Cyprus Using Satellite Remote Sensing” Space Applications for Cyprus and the Mediterranean Region*. Hilton Hotel, Nicosia, April 15, 2010.
- **Themistocleous K.** (2009). *LCCA Assessment of LLRP Economical and sustainable pavement infrastructure for surface transport*, Pafos Cyprus, 4 April, 2009.
- **Themistocleous K.** (2010). *Public Transportation—Present and Future*. OPEKCy, ETEK and Cyprus University of Technology, SPE Morfou, Limassol, April 15, 2010.
- **Themistocleous K.** (2005). *Geographical Information Systems and Remote Sensing Applications in Cyprus*, CYS, Nicosia, 16 December, 2005.
- **Themistocleous K.** (2003). *Geographical Information Systems in Cyprus*. Proc. GIS 2003, Nicosia-Cyprus, Organized by ETEK (proceedings in English and Greek).

EDITOR IN SCIENTIFIC PUBLICATIONS

2019

- Remote Sensing for Archaeology and Cultural Landscapes - Best practices and perspectives across Europe and Middle East, Springer Press.
- SPIE PROCEEDINGS VOLUME 11174 of the Seventh International Conference on Remote Sensing and Geoinformation of Environment
- Abstract proceedings of the Seventh International Conference on Remote Sensing and Geoinformation of Environment - Conference Proceedings, RSCy 2019, ISBN 978-9963-697-33-5

2018

- SPIE PROCEEDINGS VOLUME 10773 of the Sixth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2018)
- Abstract proceedings of the Sixth International Conference on Remote Sensing and Geoinformation of Environment - Conference Proceedings, RSCy 2018, ISBN 978-9963-697-29-8

2017

- SPIE PROCEEDINGS VOLUME 10444 of the Fifth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2017)
- Fifth International Conference on Remote Sensing and Geoinformation of Environment - Conference Proceedings, RSCy 2017, ISBN 978-9963-697-24-3
- 10th EARSeL Forest Fire Special Interest Group Workshop, Sensors, Multi-sensor integration, large volumes: New opportunities and challenges in Forest Fire Research, FFSIG 2015, ISBN 978-9963-697-15-1

2016

- SPIE PROCEEDINGS VOLUME 9688 of the Fourth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2016)
- Fourth International Conference on Remote Sensing and Geoinformation of Environment - Conference Proceedings, RSCy 2016, ISBN 978-9963-697-20-5

2015

- SPIE PROCEEDINGS VOLUME 9535 of the Third International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2015)
- Third International Conference on Remote Sensing and Geoinformation of Environment - Conference Proceedings, RSCy 2015, ISBN 978-963-697-15-1

2014

- SPIE PROCEEDINGS VOLUME 9229 of the Second International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2014)
- Second International Conference on Remote Sensing and Geoinformation of Environment - Conference Proceedings, RSCy 2014, ISBN 978-963-697-11-3

2013

- SPIE PROCEEDINGS VOLUME 8795 of the First International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2013)
- First International Conference on Remote Sensing and Geoinformation of Environment - Conference Proceedings, RSCy2013, ISBN 978-9963-697-05-2

BOOKS AND BOOK CHAPTERS

2020

1. Book Chapter: **Themistocleous K.**, The Use of UAVs for Cultural Heritage and Archaeology. In: *Hadjimitsis D. et al. (eds) Remote Sensing for Archaeology and Cultural Landscapes- Best practices and perspectives across Europe and Middle East*, Springer Remote Sensing/Photogrammetry. ISBN 978-3-030-10978-3.

2. Book Chapter: **Themistocleous K.**, Danezis, C. Monitoring Cultural Heritage Sites Affected by Geo-Hazards Using In-Situ and SAR Data: The Choirokoitia Case Study. In: Hadjimitsis D. et al. (eds) *Remote Sensing for Archaeology and Cultural Landscapes- Best practices and perspectives across Europe and Middle East*, Springer Remote Sensing/Photogrammetry. ISBN 978-3-030-10978-3.

2019

3. Melillos, G., Themistocleous, K., Agapiou, A., Michaelides, S., Hadjimitsis, D. (2019). Detecting Underground Military Structures Using Field Spectroscopy, *Military Engineering*, George Dekoulis, IntechOpen, DOI: 10.5772/intechopen.86690

2016

4. Book Chapter: (2016) **Themistocleous K.**, *The image-based integrated method for determining and mapping aerosol optical thickness*, Aerosol, InTech, ISBN 978-953-51-4963-7

2014

5. Book Chapter: (2014) Perdikou S., **Themistocleous K.**, Agapiou A., Hadjimitsis D. G., Introduction, *Integrated use of space, geophysical and hyperspectral technologies intended for monitoring water leakages in water supply network*, Integrated Use of Space, Geophysical and Hyperspectral Technologies Intended for Monitoring Water Leakages in Water Supply Networks, InTech, ISBN 978-953-51-4205-8.
6. Book Chapter: (2014) Agapiou A., Alexakis D. D., **Themistocleous K.**, Clayton, C., Hadjimitsis D. G., *Investigation of ground remote sensing techniques for supporting an early warning water-leakage system*, Integrated use of space, geophysical and hyperspectral technologies intended for monitoring water leakages in water supply network, Integrated Use of Space, Geophysical and Hyperspectral Technologies Intended for Monitoring Water Leakages in Water Supply Networks, InTech, ISBN 978-953-51-4205-8.
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