CURRICULUM VITAE

Nikos Papadopoulos

Geologist – Geophysicist

(BSc, MSc, PhD)

Rethymno –January 2022

	Address:	19 G. Kourmouli Str, Rethymno, Crete, Greece
	Place and Date of Birth:	Heraklion, Crete, Greece November 29th, 1978
	Nationality:	Greek
	Family Status:	Married to Ifigeneia Methymaki with two sons, Giorgos (12) and Giannis (8)
	Military Service	9/5/2007 – 9/5/2008 (Greek Army)

WORK MAILING ADDRESS:

Laboratory of Geophysical Remote Sensing & Archaeoenvironment (GeoSat ReSeArch Lab)
Institute for Mediterranean Studies (IMS)
Foundation for Research and Technology – Hellas (FORTH)
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For list of citations in Google Scholar:
http://scholar.google.gr/citations?user=ZGhbZpYAAAAJ&hl=en

ResearcherID: D-1299-201 http://www.researcherid.com/rid/D-1299-2012

SCIENTIFIC INTERESTS

- Geology and Applied Geophysics
- Numerical Modeling and Inversion Theory
- Development of 2D/3D DC Resistivity Inversion Algorithms
- Archaeological, Environmental, Urban, Coastal, Marine Geophysics
- Integrated Geophysical Prospection Methods for Archaeological, Environmental, Geotechnical, Hydrogeological applications
- Geoinformation Technologies in Cultural Heritage and Environmental Management

Education / Studies

2003-2007	**PhD in Applied Geophysics** Thesis Title: "**Development of algorithms for the three dimensional inversion of geoelectrical data collected from archaeological sites**" *Thesis for the diploma of Doctor of Philosophy* Department of Geophysics, School of Geology, Aristotle University of Thessaloniki *Degree Classification: EXCELLENT*
2001-2003	**MSc in Applied Geophysics** Thesis Title: "**Geophysical and Geological Structure of Cyprus through the Application of Potential Fields**". *Diploma thesis for the MSc Graduate Program of Geophysics* Department of Geophysics, School of Geology, Aristotle University of Thessaloniki *Degree Classification: 9.3 (Maximum 10.0)*
1997-2001	**BSc in Geology** Thesis Title: **Application of Geological and Geophysical methods in the Detection of aquifers in the Monastery of Dochiari in Agio Oros.** *Postgraduate Diploma thesis* School of Geology, Faculty of Sciences, Aristotle University of Thessaloniki. *Degree Classification: 8.0 (Maximum 10.0)*

1. ACADEMIC/RESEARCH/WORKING EXPERIENCE

1.1 Academic and Research Experience

1.	**Research Director** *Lab of Geophysical Satellite Remote Sensing & Archaeoenvironment (GeoSat ReSeArch)*	**Institute for Mediterranean Studies (IMS)** **Foundation for Research and Technology (FORTH)** Rethymno, Crete, Greece	February 25th, 2022 – to date
2.	**Director** *Lab of Geophysical Satellite Remote Sensing & Archaeoenvironment (GeoSat ReSeArch)*	**Institute for Mediterranean Studies (IMS)** **Foundation for Research and Technology (FORTH)** Rethymno, Crete, Greece	September 17th, 2021 – to date
3.	**Deputy Director** *Lab of Geophysical Satellite Remote Sensing & Archaeoenvironment (GeoSat ReSeArch)*	**Institute for Mediterranean Studies (IMS)** **Foundation for Research and Technology (FORTH)** Rethymno, Crete, Greece	September 1st 2019 – September 16th, 2021
4.	**Principal Researcher** *Lab of Geophysical Satellite Remote Sensing & Archaeoenvironment (GeoSat ReSeArch)*	**Institute for Mediterranean Studies (IMS)** **Foundation for Research and Technology (FORTH)** Rethymno, Crete, Greece	June 12th, 2017-February 24th, 2022
5.	**Visiting Researcher** *Department of Anthropology*	**University of Arkansas** Fayetteville, USA	January 11th, 2013–April 17th, 2013
6.	**Research Associate** *Department of Anthropology*	**The Field Museum of Natural History** Chicago, USA	September 10th, 2012–June 30th,2022
7.	**Assistant Researcher** *Lab of Geophysical Satellite Remote Sensing & Archaeoenvironment (GeoSat ReSeArch)*	**Institute for Mediterranean Studies (IMS)** **Foundation for Research and Technology (FORTH)** Rethymno, Crete, Greece	April 11th, 2012-June 11th, 2017
8.	**Junior Researcher** *Lab of Geophysical Satellite Remote Sensing & Archaeoenvironment (GeoSat ReSeArch)*	**Institute for Mediterranean Studies (IMS)** **Foundation for Research and Technology (FORTH)** Rethymno, Crete, Greece	December 1st, 2009–April 10th,2012
9.	**Post-Doctoral Researcher** *Exploration Geophysics and Mining Engineering Department*	**Korean Institute of Geoscience and Mineral Resources (KIGAM)** Daejeon, S. Korea	July 1st, 2008–June 30th, 2009

1(	**Research Assistant** *Lab of Geophysical Satellite Remote Sensing & Archaeoenvironment*	**Institute for Mediterranean Studies (IMS)** **Foundation for Research and Technology (FORTH)** Rethymno, Crete, Greece	September 1st, 2003–May 31st, 2007

1.2 Working Experience

1	**Freelance Geologist**	Geological, Geophysical, Geotechnical, Hydrogeological Studies	January 1st, 2002 – June 30th, 2008
2	**Summer Studentship** *Department of Oceanography*	Worked in the Institute of Marine Biology of Crete on the processing of samples from sediment traps and the conservation of scientific instruments	July-August 2000
3	**Summer Studentship** *Institute of Geological and Mineral Explorations*	Worked in the Institute of Geological and Mineral Research on the gathering, measuring and processing of Hydrological, Hydrochemical and Hydrogeological data.	July-August 1999

1.3 Editorial/Review Committees of Scientific Journals

Associate Editor of Archaeological Prospection	https://onlinelibrary.wiley.com/page/journal/10990763/homepage/editorialboard.html 01/12/2019-to date
Associate Editor of Near Surface Geophyiscs	https://onlinelibrary.wiley.com/page/journal/18730604/homepage/editorial-profiles.html#Fedi 01/12/2019-to date
Guest Editor Remote Sensing	Special Issue "Satellite and Ground Remote Sensing for Wetland Environments" https://www.mdpi.com/journal/remotesensing/special_issues/RS_Wetland 2021-2022
Guest Editor Archaeological Prospection	Special Issue "Reconstructing the past dynamics of coastal and shallow aquatic environments with archaeological prospection" https://onlinelibrary.wiley.com/page/journal/10990763/homepage/call_for_papers_reconstructing_coastal_aquatic_environments 2022
Reviewer for peer review Journals	Geophysics, Near Surface Geophysics, Journal of Applied Geophysics Archaeological Prospection, Journal of Environmental Geology, Journal of Archaeological Science, Journal of Archaeological Science: Reports, International Journal of Geophysics, International Journal of Physical Sciences, Geophysical Journal International, Archaeometry, Journal of Physical Sciences, Engineering Geology, Computers and Geoscience, Interpretation, Applied and Environmental Soil Science, Fuzzy Sets and Systems, Quaternary International, Construction and Building Materials,Remote Sensings
External Evaluator for proposals	National Call of E-RIHS ITALY MOLAB (2021, 2022) Latvian Council of Science (2021) Special expert of the specific action "OPEN INNOVATION IN CULTURE", General Secretariat for Research and Innovation (2021) Post-doctoral programme Metadidactor 2021 a Post-Doctoral Programme published by Cyprus University of Technology (March 2022) CONEX-Plus training and mobility program that aims to accelerate the career development of a cohort of Experienced Researchers at UC3M in Spain (January 2019) ISAP Major Fund Grant (August 2020) **Certified Evaluator** of the General Sectretariat of Reseach and Technology, Greece (2016-)

1.4 Participation in Scientific, Academic and Research Communities

European Association of Geoscientists and Engineers (EAGE)
International Society of Archaeological Prospection (ISAP)
Computer Applications in Archaeology, Greek Division (CAA-GR)
FORTH Society of Researchers

1.5 Scholarships and Awards

1.	**Best Presentation Award** Economou, N., Brintakis, J., Andronikidis, N., Kritikakis, G., Kokkinou, E., Papadopoulos, N., Kourgialas, N., Vafidis, A., 2021. Gpr Data Migration Velocity Estimation Using a Local Diffraction Multi-focusing Criterion, 11th Congress of the Balkan Geophysical Society, 2021, 1, 1-5	11th Congress of the the Balkan Geophysical Society Bucharest 14 October 2021
2.	**Best Poster Award** Alexakis et al (2014). GEODIAMETRIS: AN INTEGRATED GEOINFORMATIC APPROACH FOR MONITORING LAND POLLUTION FROM THE DISPOSAL OF OLIVE OIL MILL WASTES	Second International Conference on Remote Sensing and Geoinformation 2014, 7-10 April 2014, Paphos, Cyprus
3.	**Best Paper Award** Savvaidis et al (2013). GEO-CHARACTERIZATION ACCORDING TO RECENT ADVANCES OF EUROCODE (EC8),	First International Conference on Remote Sensing and Geoinformation 2013, 8-10 April 2013, Paphos, Cyprus
4.	Awarded a **Fulbright Research Scholar** grant to conduct research and lecture in the University of Arkansas, Department of Anthropology, USA, during the academic year 2012-2013.	January -April 2013
5.	**Best Poster Award** *3D Inversion of Automated Resistivity Profiling (ARP) Data, Papadopoulos, et al, 2009*	8th International Conference on Archaeological Prospection & 7th Colloque GEOFCAN, Memoire duSol, Espace des Hommes, **Paris, France, 2009**
6.	Awarded a Young researcher scholarship by the **Foundation for Research and Technology**	October 2003 - December 2006
7.	Awarded a scholarship by the **Foundation of Greek State Scholarships** for PhD studies	November 2003 - October 2006
8.	Awarded a scholarship by the **Foundation of Greek State Scholarships** for MSc studies	November 2002 - April 2003:

1.7 Other Academic Activities

1.	Member of the Scientific Committee of the Water efficiency & Climate Resilient Agriculture conference, Chania, Greece (https://acw-conference.com)	July 15th-175h, 2020
2.	Member of the Local Organizing Committee of the First Joint Working Group Meeting & Second Management Committee Meeting of COST Action SAGA, Rethymno, Crete, Creece	March 4th-6th, 2019
3.	MC Substitute [CA17131 EL] to COST Action CA17131: Soil Science & Archaeo-Geophysics Alliance: going beyond prospection	May 15th, 2018-to date
4.	Member of the Scientific Committee of the 2nd Computer Application in Archaeology GR (CAA GR 2014), Athens, Greece	December, 20th-21st 2016
5.	Member of the Scientific Committee of the international conference Communities, Landscapes, and Interaction in Neolithic Greece, Rethymno, Crete, Greece	May, 29th-30th 2015

6.	Member of the Scientific Committee of the 1st Computer Application in Archaeology GR (CAA GR 2014), Rethymno, Crete, Greece	March, 8th-9th 2014
7.	Member of the Organizing Committee of the 13th International Conference of the Greek Geological Society	September 5th-8th, 2013 –
8.	Member of the Organizing Committee of the **1st RESTAR Technical Workshop** (Remote Sensing Techniques in Archaeological Research. International), Rethymno, Crete. Greece	September 21st – 28th 2012
9.	Co-Editor of "Archaeo-Remote Sensing News" a Bulletin published by the Laboratory of Geophysical-Satellite Remote Sensing & Archaeo-environment, Rethymno, Crete, Greece	2003- to date
10.	Session Chair "9th International Conference of Archaeological Prospection", Izmir, Turkey	September 2011

1.8 Other Administrative Activities

1.	Member of the Working Group on Blue Growth and Economy in Crete	April 19th, 2019-to date
2.	Elected respresentative of the Researchers/ELE of FORTH and member of the Administrative Board of FORTH	August 16th, 2017 – August 15th, 2019
3.	President of the Researchers' Society of FORTH	May 5th, 2017 – April 30th, 2019
4.	Member of FORTH Committee to organize the foundation of the *"Public & Private Supply Service of FORTH"*	May 5th 2017 – To date
5.	Member of the Scientific Council of IMS	October 8th 2016 – to date
6.	Substitute Member of the Board of Researchers' Society of FORTH	2014– 2017
7.	Member of the IMS Internal Committee for evaluating the administrative staff	2013
8.	Substitute Member of the Board of Researchers' Society of FORTH	2012-2014
9.	Member of the Technical Committee of FORTH	2009- to date

2. TEACHING EXPERIENCE

2.1 Workshops and Courses

1.	Course "**Geophysics & Archaeometry**", of the direction *Applied Geophysics & Seismology* of the graduate program *Applied and Environmental Geology*, School of Geology, Aristotle University of Thessaloniki (the course is taught with G. Tsokas, D. Kontopooulou, E. Aidona, A. Stampolidis)	2nd semester of academic year 2019-2020
2.	Instructor at the Summer School: **"Face on seismic risk assessment of heritage buildings with remote sensing"** http://www.seismic-school.com Geophysical Prospection Techniques in Archaeological Research	Jube 19th, 2019
3.	International Technical workshop on " **REmote Sensing Technologies in Cultural Heritage (RESTECH I)**", KRIPIS-POLITEIA, IMS/FORTH, *(responsible for the organization of the workshop)*	17th - 28th February 2014
4.	International workshop on "**Geophysics and Ground-Based Digital Recording Methods for Archaeological Sites and Cultural Landscapes**", Archaeolandscapes, IMS/FORTH, Leiden University *(responsible for the resistance mapping and electrical resistivity tomography section of the workshop)*	27th July-13th August 2013
5.	Organization of a series of courses at the University of Arkansas • Introduction to DC Electrical Resistivity Prospection Method: Basic Principles and Applications • Introduction to Forward and Inverse DC Electrical Resistivity Modeling: Basic Principles and Applications • Lab Exercise I: Practical experience in 2-D forward & inverse modeling • Lab Exercise II: Practical experience in 3-D forward & inverse modeling	February 2013
6.	Remote Sensing Techniques in Archaeological Research. International - **RESTAR Technical Workshop**, Rethymno, Crete, *Responsible of the Resistivity Module*	September 21st – 28th 2012
7.	**10-day seminars** in geophysical prospection and satellite remote sensing under the framework of Wenner-Gren Project to Hungarian archaeologists	April 2011
8.	**Supervising undergraduate and graduate students** during their practical training in IMS-FORTH	2003-Today
9.	**Supervising students** of the Geology School (Univ. of Thessaloniki) during the field geophysical exercises	May 2002

2.2 Invited Lectures

1. Geophysical prospection in archaeological research, *CNR doctoral seminar, On-line, April 20th 2022*
2. Mapping of coastal and submerged archaeological sites with geophysical methods, *Workshop uder the action BYZMOLAB Byzantine Mountain OpenLab - Exploring mountainous fortified context in Byzantine Mediterranean, ISPC-CNR, 18 December 2021*
3. Mapping coastal and submerged archaeological sited with geophysical methods, *Workshop of challenges and potentials in modern archaeological research, University of Crete, Decemebr 18th, 2021*
4. Electrical Resistivity Tomography: Case Studies in Archaeological Prospection, *Flinders University, Australia, 1 September 2017.*
5. Papadopoulos, (2016). Reconstructing the submerged city of Ancient Olous with geoinformatics (in greek), *One-day meeting in Elounda, 10 March 201, Elounda*.
6. Mapping of coastal archaeological sites through geoinformation technologies: The case of Agioi Theodoroi, Heraklion. *Marine Archaeological Ephorate, Athens*, March 6th, 2015.

7. Application of Novel Geo-Information Technologies in Ancient Greek Urban Studies, IMS-FORTH, Rethymno, February 19th, 2015.
8. Geophysical Prospection Techniques in Archaeological Research. OPTO-CH 2014 POLITEIA. *IESL. FORTH, Heraklio*, Friday, July 4th 2014.
9. The Perspective of Geo-Information Technologies within the Cultural Resources Management Domain. Columbia Center of Archaeology - *Columbia University, New York, USA,* Monday, April 15th, 2013.
10. Investigation of Mounds with 3-D Electrical Resistivity Tomographic Techniques: Findings from Toltec Mound State Park. Department of Anthropology, University of Arkansas and the Arkansas Archeological Survey, *Arkansas Archeological Survey Conference Room, Fayetteville, AR, USA*, April 11th, 2013.
11. Introduction to the Tectonic and Palaeo-Geographic Evolution of Greece, Department of Geosciences, *University of Arkansas, Fayetteville*, AR, USA, March 27th, 2013
12. Cultural Resources Management through Geo-Information Technologies and Modeling Reconstructions: Case Studies from South East Europe. *Department of Anthropology, University of Arkansas, Old Main, Stone House, Fayetteville, AR, USA,* Thursday, January 31st, 2013.
13. Non-Invasive diagnostic Methods in Archaeology: Applications of geophysics, Department of History and Archaeology*, University of Crete, Rethymno,* November 28th 2012.
14. The Geophysical Method of 3-D Electrical Resistivity Tomography: Theory and Applications. Department of Applied Mathematics, University of Crete, Heraklion, 23rd February 2010.
15. Contribution of surface 3D Electrical Resistivity Tomography in Imaging Buried Antiquities. *KIGAM, Daejeon, S. Korea*, 6th December 2008.
16. Geophysical Investigations of Archaeological Sites by Means of Surface 3D Electrical Resistivity Tomography. *Busan National University, S. Korea*, 26th November 2008.
17. 3D Mapping of archaeological structures by means of inversion of surface electrical resistivity data. *KIGAM, Daejeon, S. Korea*, 21st July 2008.

2.3 Supervising Undergraduate Thesis

1. Kalomoiris Efthimis: *Integrated application of geophysical and geochemical methods in determing the pollution in olive oil waste disposal areas",* University of Crete, Physics Department, 2012.
2. Gialitaki Victoria: "*Correlation of Time-lapse ERT monitoring data with geochemical elements from an olive oil waste disposal area*" Institute for Mediterranean Studies, 2012.
3. Papathanasiou Iliana: "*Numerical Modeling of Simple Geolecctrical Structures*" Department of Geophysics AUTH- Institute for Mediterranean Studies, 2012.
4. Chatziathanasiou Stefanos: "*Time-lapse ERT monitoring in* olive oil waste disposal areas", University of Crete, Physics Department, 2011.

2.4 Supervising PhD Thesis

1. Oikonomou Dimitris: *Contribution in the joint inversion of geophysical data,* University of Thessaloniki, Department of Geology, July 2017 – **(Member of the Advisory Committee)**
2. Kirkou Stella: *Monitoring of underground pollution with time-lapse electrical resistivity tomography techniques,* University of Thessaloniki, Department of Geology, 2013 – 2022 **(Member of the Advisory Committee)**

2.5 Member of PhD Evaluation Committees

1. Assefa Getaneh: *Geophysical Study and Settlement Pattern Analysis of the Aksum Archaological Site: The case of Seglamen, Aksum, Northern Ethiopia*. Addis Ababa Universiy, School of Graduate studies, College of Natural Sciences, January 24th, 2020.

2. Smriglio Fransesco: *Integrated geophysical investigation to detect buried structures in the eastern part of Rome (Italy).* Università degli studi di Roma "La Sapienza", October 2018.
3. Simirdanis Kleanthis: *Development of tomographic geophysical techniques for the geotechnical and environmental problems.* University of Thessaloniki, Department of Geology**,** October 21st , 2013.
4. Karamitrou Alexandra: *Integration of geophysical investigations with remote sensing geographical information systems for the study of archaeological sites.* University of Thessaloniki, Department of Geology**,** December 20th, 2012.

2.6 Member of MSc Superivising-Evaluation Committees

1. Aggelos Plageras: Geophysical Prospection of Underwater Archaeological Sites in Greece. University of Thessaloniki, Department of Geology, 2021-2022. (Supervisor)
2. Louvaris Prodromos: Electrical Resistivity Tomography between surface and mineral tunnels. University of Thessaloniki, Department of Geology, 2018-2019.
3. Papathanasaki Iliana: *Investigatimn of optimum cros-borehole ERT measuring protocols*. University of Thessaloniki, Department of Geology, 2015-2016.
4. Kalomoiris Efthimis: *Development of algorithm for the fast inversion of geoelectrical data*. University of Thessaloniki, Department of Geology, 2014-2015.
5. James Zimmer-Dauphinee: S*eeing Below the Surface with Electrical Resistivity Tomography: Exploring the Deepest Reaches of Arkansas' Largest Mounds.* University of Arkansas, 2014
6. Seferou Paraskevi: *Hydrogeophysical Laboratory Methods/Simulations for Characterizing Porous Deposits, MSc Thesis, Georg-August Universitat – Gottingen, Hydrogeology and Environment Geosience (HEG), Germany,* S2011. **Responsible for the ERT experiments**.

2.7 Mentoring Post-Doc Research Fellows

Dr. Gianluca Cantoro (Italy)	Aristeia II-AncientCity, Niarchos ARCHRES, POLITEIA II	2014-2019
Dr. Nasos Argyriou (Greece)	Aristeia II-AncientCity, Niarchos ARCHRES, POLITEIA II, DEFICIT< DIATOPO	2014-2019
Dr. Simyrdanis Kleanthis (Greece)	PEFYKA, Niarchos ARCHRES, PERAN	2013-2019
Dr. Jamie Donati (USA)	Aristeia II-AncientCity, POLITEIA II	2014-2019
Dr. Ian Moffat (Australia)	Aristeia II-AncientCity	2014-2015
Dr. Evita Kalogiropoulou, (Greece)	Aristeia II-AncientCity	2014-2015
Dr. Kelsey Lowe (USA)	POLITEIA I	2015
Dr. Tuna Kalayci (Tureky)	POLITEIA I	2013-2015
Dr. Abir Jrad (Tunisia)	POLITEIA I	2015
Dr. Athos Agapiou (Cyprus)	PEFYKA	2015

3. RESEARCH/SCIENTIFIC ACTIVITIES

3.1 PARTICIPATION IN LARGE SCALE SCIENTIFIC PROJECTS

1.	*Translating Submerged and Buried Cultural Heritage from Shallow Water to Digital environment with Geoinformatics –ClepsYdra* *Hellenic Foundation for Research and Innovation (H.F.R.I) under the framework of the 2nd Call for H.F.R.I. Research Projects to support Faculty Members and Researchers* **Coordinator & Principal Investigator** Total budget for GeoSat ReSeArch Lab.*: 187.868,00 €*	H.F.R.I. Hellenic Foundation for Research & Innovation	01.08.2022 - 31.07.2024
2.	*METAL PLACES: Crossroads of civilization in the Eastern Mediterranean* *Design, development and operation of the project's WEB GIS* **Coordinator of IMS Research Team** Total budget for GeoSat ReSeArch Lab*: 35,500 €.*	ΕΥΡΩΠΑΪΚΗ ΕΝΩΣΗ ΚΥΠΡΙΑΚΗ ΔΗΜΟΚΡΑΤΙΑ Interreg Ελλάδα-Κύπρος	07.2022-06.2023
3.	*PROSPECT – an international academic network for research, education and outreach in archaeological prospection* *International Thematic Network, Ghent University* **Partner**	prospect.ugent.be/about/ GHENT UNIVERSITY PROSPECT	2021-2025
4.	*The Road of Alatsades: A digital application to promote the cultural and natural landscape of the Gulf of Mirabello, Crete* *Greek Ministry of Culture and Sports/Digital Actions of Culture* **Principal Investigator** Total budget for GeoSat ReSeArch Lab.*: 22,000 €.*	HELLENIC REPUBLIC Ministry of Culture and Sports	01.10.2021 - 31.03.2022
5.	*A National Facility for the 3D Imaging of the Near Surface* *AUSTRALIAN RESEARCH COUNCIL* *Linkage Infrastructure, Equipment and Facilities.* **Partner Imvestigator** Total budget for GeoSat ReSeArch Lab.*: 5,000 €.*	Australian Government Australian Research Council	2021-2022
6.	*Integrating Platforms for the European Research Infrastructure ON Heritage Science» (IPERION HS)* *H2020-INFRAIA-2018-2020, GA-871034.* **Coordinator of IMS Research Team** Total budget for GeoSat ReSeArch Lab*: 15,000 €.*	THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION HORIZON 2020	01.04.2020 - 31.03.2023
7.	*Cretan cultural landscapes over the time: highlighting the marine and mountainous environment of Mirabello (DIATOPO)*	ΕΣΠΑ 2014-2020 ανάπτυξη - εργασία - αλληλεγγύη	2019-2022

	PRIORITY AXIS 1: Strengthening the competitiveness, innovation and entrepreneurship of Crete, Action 1b: Demonstration and experimental development projects that promote research and innovation in RIS3Crete *MIS Code 5028190.* **Principal Investigator** Total budget for GeoSat ReSeArch Lab*: 212,266 €.*	European Union European Regional Development Fund	
8.	*DEcision system For Irrigation in Crete based on Innovative Technologies - DE.F.I.C.I.T"* *Creation of a detailed map of the soil composition at Crete level* *Operational Programme; "IONIAN ISLANDS 2014-2020"* *MIS Code 5028242.* **Coordinator of IMS Research Team** Total budget for GeoSat ReSeArch Lab*: 42,000 €.*	ΕΣΠΑ 2014-2020 ανάπτυξη - εργασία - αλληλεγγύη European Union European Regional Development Fund	2019-2022
9.	*Remote SEnsing techniques for ARCHaeology' — 'RESEARCH'* *H2020-MSCA-RISE-2018, Grant Agreement 823987* **Coordinator of IMS Research Team** Total budget for GeoSat ReSeArch Lab*: 110,400 €.*	THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION HORIZON 2020	2018-2022
10.	*STructural stABiLity risk assEssment' — 'STABLE* *H2020-MSCA-RISE-2018, Grant Agreement 823966* **Coordinator of IMS Research Team** Total budget for GeoSat ReSeArch Lab*: 147,200 €.*	THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION HORIZON 2020	2018-2022
11.	*Actions to protect and promote the biodiversity of ecosystems and natural landscapes of the Ionian Islands through intelligent detection, recording, digital mapping and pressure management (BIONIAN)* *Development of an online platform and networking to assess pressures on biodiversity and disseminate results* *PRIORITY AXIS 1: Strengthening the competitiveness, innovation and entrepreneurship of Crete, Action 1b: Demonstration and experimental development projects that promote research and innovation in RIS3Crete* *MIS Code 5007988.* **Coordinator of IMS Research Team** Total budget for GeoSat ReSeArch Lab*: 223,027 €.*	ΕΣΠΑ 2014-2020 ανάπτυξη - εργασία - αλληλεγγύη European Union European Regional Development Fund	2018-2022

12.	*Innovative Technologies for the Climate Change Mitigation by Mediterranean Agricultural Sector - ClimaMED* *LIFE17 CCM/GR/000087* **Coordinator of IMS Research Team** Total budget for GeoSat ReSeArch Lab*: 361,395 €.*		2018-2022
13.	*HORIZON 2020, THE EUROPEAN RESEARCH INFRASTRUCTURE EU project 739503 - E-RIHS PP,* *Call: H2020-INFRADEV-2016-2, Activity: INFRADEV-02-2016 (CSA), Horizon 2020 - Research and Innovation Framework Programme, Proposal number: 739503, Type of action: CSA, Topic: INFRADEV-02-2016.* **Member of IMS Research Team & Coordinator of IMS Research team for the periods 1/10/2018-30/6/2019 &19/8//2019-31/12/2020** Total budget for GeoSat ReSeArch Lab*: 11,439 €.*		2017-2020
14.	*KRIPIS – POLITEIA II – REGION OF CRETE: CULTURETECHNOLOGY: NEW TECHNOLOGIES IN RESEARCH, STUDY, DOCUMENTATION AND ACCESSIBILITY IN THE INFORMATION OF ITEMS AND MONUMENTS OF CULTURAL HERITAGE, Operational Programme «Competitiveness, Entrepreneurship, Innovation» EPAnEK 2014-2020:* *MIS Code 5002478.* **Member of IMS Research Team & Coordinator of IMS Research team for the periods 1/10/2018-30/6/2019 &19/8//2019-31/12/2020** Total budget for GeoSat ReSeArch Lab*: 152,500 €.*		2017-2020
15.	*Synergy ELI-LASERLAB Europe, HiPER & IPERION-CH* *Operational Programme «Competitiveness, Entrepreneurship, Innovation» EPAnEK 2014-2020:* *MIS Code 5002478.* **Coordinator of the IMS Research Team** Total budget for GeoSat ReSeArch Lab*: 107,881 €.*		01/01/2017-31/12/2019
16.	*KRIPIS – PERAN – REGION OF CRETE:* *INNOVATIVE ACTIONS FOR THE ENVIRONMENTAL RESEARCH & DEVELOPMENT* *Operational Programme «Competitiveness, Entrepreneurship, Innovation» EPAnEK 2014-2020:* *MIS Code 5002358.* **Coordinator of the IMS Research Team**		2017-2020

	Total budget for GeoSat ReSeArch Lab*: 110,875 €*		
17.	*Towards farms with zero carbon-, waste- and water-footprint. Roadmap for sustainable management strategies for Balkan agricultural sector (BalkanROAD)* *Cooperation Programme Interreg V-B "Balkan-Mediterranean 2014-2020" (Priority Axis 2, Specific Objective 2.2 - Sustainable Territories).* **Member of IMS Research Team & Coordinator of IMS Research team for the period 1/10/2018-30/6/2019 &19/8//2019-31/12/2020** Total budget for GeoSat ReSeArch Lab*: 145,677 €*	INTERREG IV ΕΙΔΙΚΗ ΥΠΗΡΕΣΙΑ ΔΙΑΧΕΙΡΙΣΗΣ ΤΩΝ ΕΠΙΧΕΙΡΗΣΙΑΚΩΝ ΠΡΟΓΡΑΜΜΑΤΩΝ ΤΟΥ ΣΤΟΧΟΥ «ΕΥΡΩΠΑΪΚΗ ΕΔΑΦΙΚΗ ΣΥΝΕΡΓΑΣΙΑ»	2017-2020
18.	*STAVROS NIARCHOS FOR FORTH* **Coordinator for IMS for the periods 1/10/2018-30/6/2019 &19/8//2019-31/12/2020** Total budget for GeoSat ReSeArch Lab: *250, 000 €*	ΙΣΝ SNF	2016-2020
19.	*MedSTACH: Eastern Mediterranean Science and Technology Centre for Archaeology and Cultural Heritage* *HORIZON 2020: TEAMING PHASE 1* **Member of the main Research Team** Total budget for GeoSat ReSeArch Lab: *72, 625 €*	THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION HORIZON 2020	2017- 2018
20.	*STORM: Safeguarding Cultural Heritage through Technical and Organisational Resources Management* *This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n°700191*. **Member of the main Research Team (responsible for 4-D Electrical Resistivity Tomography)** Total budget for GeoSat ReSeArch Lab: 400,000€	THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION HORIZON 2020	June 2016-June 2018
21.	*APPLICATIONS OF KEY ENABLING TECHNOLOGIES (AKET). PROJECT: MONITORING AND MODELING OF NATURAL ENVIRONMENT AND RESOURCES.* *WP: HISTORY OF THE WATER RESOURCES MANAGEMENT: THE CASE OF CRETE* *PROGRAMMATIC AGREEMENTS BETWEEN Research Centres GSRT 2015-2017" in the framework of the Hellenic Republic –Siemens Settlement Agreement. General Secretariat for Research and Technology (GSRT) 2 years*. **Coordinator of the IMS Research Team,** Total budget for GeoSat ReSeArch Lab: 147,000€		2015-2017

22.	*HORIZON 2020, Call H2020-EINFRA-2015-1, Action RIA, Project 675121: VRE for REGIONAL NTERDISCIPLINARY COMMUNITIES IN SOUTHEAST EUROPE AND THE EASTERN M EDITERRANEAN* *(VI-SEEM), Participation as a Third Party. 36 months* **Main Researcher & Coordinator for IMS Research Team** Total budget for GeoSat ReSeArch Lab: 20,000€	THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION HORIZON 2020	2015-2017
23.	*Reconstructing the Cultural Dynamics in Shallow Marine Environment through Electrical Resistivity Tomography and Photogrammetry.* **Principal Investigator** Total Budget: 1,500€.	The ISAP Fund ISAP International Society for Archaeological Prospection	1/1/2016-30/4/2016
24.	*Archaeo-FORMOSAT* *Investigating the potential of FORMOSAT-2 imagery in archaeological research.* **Member of the main Research Team** Total Budget: 0€.	International Society for Photogrammetry and Remote Sensing - ISPRS WG VI/5 isprs	2014-2015
25.	*ARISTEIA II – AncientCity: The Application of Novel Geo-Information Technologies in Ancient Greek Urban Studies*. **Principal Investigator** Total Budget: 200,000€.	National Strategic Framework 2007-2013, Co-financed by the Hellenic Republic and the European Union – European Regional Development Fund Operational Programme «Education and Life Long Learning» NSRF 2007-2013	2014-2015
26.	*Life – AgroStrat: Sustainable strategies for the improvement of seriously degraded agricultural areas: The example of Pistachia vera L*. **Member of the IMS Research Team**	LIFE11 ENV/GR/951 Life	2012-2016
27.	*POLITEIA: Culture-Technology: New technologies in research, study, documentation and accessibility in the information of items and monuments of cultural heritage-,* **Main Researcher of IMS Research Team,** Total budget for GeoSat ReSeArch Lab: €445,009.	KRIPIS National Strategic Framework 2007-2013, Co-financed by the Hellenic Republic and the European Union – European Regional Development Fund Operational Programme «Competitiveness and Entrepreneurship» (OPCE II)	2012-2015

28.	*PEFYKA –Environment and Natural Disasters: New methods to evaluate and improve the environmental quality and encounter the natural disasters,* **Coordinator of the IMS Research Team,** Total budget for GeoSat ReSeArch Lab: €171,383.	KRIPIS National Strategic Framework 2007-2013, Co-financed by the Hellenic Republic and the European Union – European Regional Development Fund Operational Programme «Competitiveness and Entrepreneurship» (OPCE II)	2012-2015
29.	*ARISTEIA -Innovative Geophysical Approaches for the Study of Early Agricultural Villages of Neolithic Thessaly - IGEAN,* **Main Researcher,** Total budget for GeoSat ReSeArch Lab: €319,796.	National Strategic Framework 2007-2013, Co-financed by the Hellenic Republic and the European Union – European Regional Development Fund Operational Programme «Education and Life Long Learning»	2012-2015
30.	*Managing Cultural Heritage Sites through Space and ground Technologies using Geographical Information Systems: A Pilot application at the archaeological sites of Paphos*, **Member of Research Team,** Total budget for GeoSat ReSeArch Lab: €24,600.	Program Sustainable Development under the Framework Program for Research, Technological Development and Innovation 2009-2010 of the Research Promotion Foundation of the Republic of Cyprus. Collaboration with the Cyprus University of Technology. AEIFORIA/NATURE/0311(BIE)/06	18/5/2012-17/5/2014
31.	*Integrated use of Space, Geophysical, and Hyperspectral Technologies intended for Monitoring Water Leakages in Water Supply Networks in Cyprus*, **Main Researcher & Coordinator of IMS research team** Total budget for GeoSat ReSeArch Lab: €18,850.	Program Sustainable Development under the Framework Program for Research, Technological Development and Innovation 2009-2010 of the Research Promotion Foundation of the Republic of Cyprus. Collaboration with the Cyprus University of Technology.	18/5/2012-17/5/2014

		AEIFORIA/NATURE /0311(BIE)/21	
32.	***GEOTECHNICAL CHARACTERIZATION OF SELECTED SITED IN CRETE THROUGH THE INTEGRATED APPLICATION OF GEOPHYSICAL AND GEOTECHNICAL METHODS,*** with Technical University of Crete, **Coordinator of the IMS Research Team,** Total budget for GeoSat ReSeArch Lab: €60,000.	THALIS National Strategic Framework 2007-2013, Co-financed by the Hellenic Republic and the European Union – European Regional Development Fund Operational Programme «Education and Life Long Learning»	2012-2015
33.	***ISLAND CULTURES IN A DIACHRONIC PERSPECTIVE: THE CASE OF THERASIA (ISLANTER),*** with the Aristotle University of Thessaloniki, **Main Researcher of IMS Research Team** Total budget for GeoSat ReSeArch Lab: €40,000	THALIS National Strategic Framework 2007-2013, Co-financed by the Hellenic Republic and the European Union – European Regional Development Fund Operational Programme «Education and Life Long Learning»	2012-2015
34.	***INTEGRATED GEOINFORMATICS TECHNOLOGIES FOR TIME-LAPSE MONITORING OF LAND POLLUTION FROM THE DISPOSAL OF OLIVE-OIL MILLS WASTES,*** with the TEI of Crete, **Coordinator of the IMS Research Team,** Total budget for GeoSat ReSeArch Lab: €152,420.	THALIS National Strategic Framework 2007-2013, Co-financed by the Hellenic Republic and the European Union – European Regional Development Fund Operational Programme «Education and Life Long Learning»	2012-2015
35.	***ARCHIMEDIS - (AQUADAM) - INTERDISCIPLINARY STUDY FOR EXPLORING, UNDERSTANDING AND MANAGEMENT OF***	National Strategic Framework 2007-2013, Co-financed by the Hellenic Republic and the European	2012-2014

	GROUNDWATER RESOURCES. PILOT FIELD INVESTIGATION NORTHWEST AND CENTRAL CRETE, with the TEI of Crete, **Member of IMS Research Team** Total budget for GeoSat ReSeArch Lab: €3,000.	Union – European Regional Development Fund Operational Programme «Education and Life Long Learning»	
36.	***Traditional geophysical prospection methods and electrical resistivity tomography in archaeological research: theory and applications*** **Principal Investigator** Total Budget: 7,000€.	2012-2013 Fulbright Visiting Scholar Program	January-April 2013
37.	***INSTAP - The Diros Project, 2011: Greek – American Collaborative, Multi-Disciplinary, Research on the Mani Peninsula, Southern Greece,*** **Member of Research Team**.	Institute for Aegean Prehistory (INSTAP)	2011-2013
38.	***Wenner-Gren Foundation - International Collaborative Research Grant*** , "Early Village Social Dynamics: Prehistoric Settlement Nucleation On The Great Hungarian Plain", **Main Researcher**, Total budget for GeoSat ReSeArch Lab: $34,215	The Wenner-Gren Foundation	2011
39.	***ArchaeoLandscapes Europe*** European multiannual project (2010-2015) - European Commission - Directorate General Education and Culture, Programme « Culture » (2007-2013). **Member of Research Team**. Total budget for GeoSat ReSeArch Lab:: €175,000.	ArcLand Culture Programme	2010-2015
40.	***U.S.-Hungarian-Greek Collaborative International Research Experience for Students on Origins and Development of Prehistoric European Villages.*** U.S.A. – National Science Foundation (NSF):International Research Experiences for Students (IRES). **Member of Research Team**.	National Science Foundation WHERE DISCOVERIES BEGIN	2010-2013
41.	***LIFE & Environmental Policy and Governance. Strategies to Improve and Protect Soil Quality from the Disposal of Olive Oil Mill's Wastes in the Mediterranean Region.*** **Member of Research Team**. Total budget for GeoSat ReSeArch Lab: €165,986	Life	2009-2012
42.	***Mobile Archaeological Lab "STAR-Lab",*** Cyprus Research and Eductional Foundation - The Cyprus Institute. **Member of Research Team**.	The Cyprus Institute	2007-2010

43.	***University of Cyprus - A long-term response to the need to make modern development and the preservation of the archaeo-cultural record mutually compatible operations. Pilot application at Kouklia-Palaipaphos.*** **Member of Research Team**.	THE CYPRUS INSTITUTE OF NEUROLOGY & GENETICS University of Cyprus	2007-2010
44.	***Operational Contract with the Municipality of Neapoli for the Construction of two Observatories: An Observatory of the Water Management on Eastern Mediterranean and one Observatory for the Management of Cultural and Environmental Resources of the Municipality of Neapoli,*** **Member of Research Team,** Total Cost €100.000.	ΔΗΜΟΣ ΝΕΑΠΟΛΗΣ	2010
45.	*Consortiums for Research & Technological Development in Areas of National Priority. Research Programs of the Region of Crete and E.C. (1.2.).* ***«Integrated System for Monitoring and Management of Seismic Risk in the area of the Aegean. Application in the cities of Chania and Herakleion".*** Participation to the Consortium consisting of IMS-FORTH, the Technological Educational Institute of Crete, the Aristotle University of Thessaloniki, FORTHNET, Ltd, Virtual Trip Ltd & Neuron Ltd. **Member of Research Team**.		2006-2008
46.	*EPEAEK2 – Archimedis.* ***"Development of Innovative Integrated Methodologies for Monitoring the Environmental Pollution in controlled landfills (XYTA)" –*** Participation to the Consortium consisting of IMS-FORTH and the Technological Educational Institute of Crete. **Main Researcher**.	ΥΠΟΥΡΓΕΙΟ ΕΘΝΙΚΗΣ ΠΑΙΔΕΙΑΣ ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ ΕΛΛΑΔΑ 2008 ΕΥΡΩΠΑΪΚΗ ΕΝΩΣΗ ΕΥΡΩΠΑΪΚΟ ΚΟΙΝΩΝΙΚΟ ΤΑΜΕΙΟ ΕΥΡΩΠΑΪΚΟ ΤΑΜΕΙΟ ΠΕΡΙΦΕΡΕΙΑΚΗΣ ΑΝΑΠΤΥΞΗΣ Η ΠΑΙΔΕΙΑ ΣΤΗΝ ΚΟΡΥΦΗ 2ο Επιχειρησιακό Πρόγραμμα Εκπαίδευσης και Αρχικής Επαγγελματικής Κατάρτισης	2004-2006
47.	*Ministry of Economy/3rd European Framework Program, Information Society/ Action 1.3.* ***"Digital Crete. Mediterranean Cultural Routes".*** **Member of Research Team**		2004-2005
48.	*Innovative actions ΕΤΠΑ 2000-2006, Crete Innovative Region (CRINNO):* ***"Development of an Expert System for the Monitoring, Management & Protection of the Natural Landscape & Environmental Resources of the Island of Crete.", Acronym:EMERIC.*** Consortium consisting of the Technical University of Crete, the Technological Educational Institute of Crete, the Department of Biology of the University of Crete, the Natural Science Museum of Crete, the Technical University of Athens and the Center of Natural Disasters of Crete. IMS supervision. **Member of Research Team**.	CRINNO Crete Innovative Region ΠΕΡΙΦΕΡΕΙΑ ΚΡΗΤΗΣ REGION OF CRETE European Union European Regional Development Fund	2003-2005
49.	***Microseismicity study of Pafos, Cyprus,*** (University of Thessaloniki), **Member of Research Team**.		2004-2005
50.	***Integrated geophysical methods for the detection of polluted sediments in international flow lines*** (GEOWATERS, **Member of Research Team**).		2003

9.2 APPLIED RESEARCH PROGRAMS

1.	*GPR survey at* **Kranona, Larirsa** (*Municipality of Kileler & University of Crete)*	2022
2.	*3D Electrical Reistivity Tomography in the* **Tumulus of Laona, Pafos** *(University of Cyprus)*	2022
3.	*GPR and ERT to locate the ruins of the castle in* **Beckescsaba, Hungary** *(Munkácsy Mihály Museum)*	2022
4.	*Geoarchaeological investigation with Electrical resistivity and seismic tomography and GPR in* ***Avdera*** *(Catalan Institute of Classical Archaeology)*	2022
5.	*Coastal GPR and underwater magnetic survey in selected sites of* **Palaikastro, Crete** *(Universtiy of Toronto & Ephorate of Underwater Antiquities)*	2022
6.	*GPR and electrical resistance mapping in* **Dimokratrias Avenue-Chersonissos, Crete** *(Municipality of Chersonissos, Ephorate of Heraklio & Lydakis Co)*	2022
7.	*Multisensor magnetic and resistance survey at* **Kephissos PHASE IV** (*German Archaeologicla Institute)*	2021
8.	*3D resisitivity tomography, GPR and bathymetric survey in Skardanas kai Stadio Bay,* **Delos** (*University of Pensilvania, French Archaeological School, Ephorate of Underwater Antiquities)*	2021
9.	*GPR survey at* **Kranona, Larirsa** (*Municipality of Kileler)*	2021
10.	*Multisensor magnetic, EM and GPR survey at* **Macedonian Capital of Pella –PHASE IV** *(Ephorate of Pella, Univeristy of Miscigan)*	2021
11.	*Multisensor magnetic and GPR survey at* **Fotiki, Thesprotia PHASE III** *(Finnish Archaeological Institute)*	2021
12.	*Drone and aerial photogrammetry survey in* **Lambayanna** *(University of Geneve)*	2021
13.	*Multisensor magnetic survey at* **Kranona, Larirsa** (*Municipality of Kileler)*	2020
14.	*Multisensor magnetic, GPR and resistance survey at* **Kranona, Larirsa** (*Department of Archaeology, University of Crete)*	2020
15.	*Multisensor magnetic, GPR and EM survey at* **Petres, Florina** (*Ephorate of Antiquities of Florina)*	2020
16.	*Ground penetrating radar and 3D Electrical Resistivity Tomorgaphy* **at Kamari** *(METKA Ltd)*	2020
17.	*Multisensor magnetic, GPR and resistance survey at* **Kephissos PHASE III** (*German Archaeologicla Institute)*	2020
18.	*Ground penetrating radar, Electrical Resistivity Tomorgaphy and Seismic Tomography in the* **Monastery of Vidianis , Lasithi** *(Monastrery of Vidianis)*	2020
19.	*Multisensor magnetic and GPR survey at* **Fotiki, Thesprotia** *(Finnish Archaeological Institute)*	2020
20.	*3D Laser Scanner and Photogrammetric survey in* **Stavromenos, Rethymno** *(Ephorate of Antiquities of Rethymno)*	2020
21.	*Multisensor magnetic, EM and GPR survey at* **Macedonian Capital of Pella –PHASE III** *(Ephorate of Pella)*	2019
22.	*Mapping the landslides in the Municipality of Rethymno through satellite remote sensing (Municipality of Rethymno)*	2019
23.	*Multisensor magnetic survey in* **Krannos (***University of Thessaloniki)*	2019
24.	*Multisensor magnetic survey in* **Kolxida, Kilkis (***University of Thessaloniki)*	2019
25.	*Multisensor magnetic survey in* **Elateia, Larisa (***University of Thessaloniki)*	2019
26.	*Multisensor magnetic and GRP survey in* **Neapolis, Pafos, Cyprus (***Leptos Constructions Ltd)*	2019
27.	*Sonar Survey in the harbour of* **Ierapetra (***Ephorate of Underwater Antiquities)*	2019
28.	*Underwater ERT urvey in* **Elounda (***Ephorate of Underwater Antiquities*	2019
29.	*Multisensor magnetic and GPR survey at the* **Sanctuary of Poseidon, Poros** (*Sweedish Archaeologicla Institute)*	2019

30.	*Multisensor magnetic, GPR and resistance survey at* **Kephissos PHASE II** (*German Archaeologicla Institute)*	2019
31.	*Magnetic, electrical resistance and GPR survey at* **Onithe, Goulediana, Crete** *(Arxhaeological Ephorate of Rethymno)*	2019
32.	*Multisensor magnetic and GPR survey at* **Agios Konstantinos, Crete** *(Finnish Archaeological Institute)*	2019
33.	*Sonar and underwater photogrammetric survey* **in Lambayanna** *Swiss Archaeological School & Underwater Archaeological Ephorate)*	2019
34.	*Multisensor magnetic and GPR survey at* **Fotiki, Thesprotia** *(Finnish Archaeological Institute)*	2019
35.	*ERT survey at* **Beckescsaba, Hungary** *(Munkácsy Mihály Museum)*	2019
36.	*Multisensor magneti survey at* **Elateia, Larisa** *(University of Thessaloniki)*	2019
37.	*Multisensor magnetic, EM and GPR survey at* **Macedonian Capital of Pella –PHASE II** *(Ephorate of Pella)*	2018
38.	*Multisensor magnetic, EM and GPR survey at* **Agios Ioannis, Kopais** *(Ministry of Culture)*	2018
39.	*Multisensor magnetic, GPR and resistance survey at* **Kephissos PHASE I** (*German Archaeologicla Institute)*	2018
40.	*Underwater ERT survey at* **Lambayianna, PHASE III** (*Swiss Archaeological School & Underwater Archaeological Ephorate)*	2018
41.	*3D underwater ERT survey at* **Franchti** (*Swiss Archaeological School & Underwater Archaeological Ephorate)*	2018
42.	*3D Laser Scanner and Photogrammetry in* **the Venetian Port of Rethymno** *,(Port Authority of Rethymno).*	2018
43.	*Magnetic, resistivity, GPR and ERT survey at* **Lechaion**, *PHASE III* (*Lechaion Harbor and Settlement Project*)	2018
44.	*Magnetic, EM, soil resistance and GPR survey at the* ***Neolithic site of Eidomeni*** *(Municipality of Kilkis)*	2017
45.	*Magnetic, EM, GPR survey at the* **Macedonian Capital of Pella –PHASE I** *(Ephorate of Pella)*	2017
46.	*GPR and ERT survey at the* ***Mycenaean Cemetery of Orchomenos*** *(University of Cambridge)*	2017
47.	*3D ERT survey at* **Shallalat Gardens, Alexandria, Egypt** *(HRIAC & National Geographic)*	2017
48.	*GPR survey at* **Zakynthos – Andreas Vessalius Quest** *(Belgian School of Athens)*	2017
49.	*Underwater ERT, marine magnetics and sonar survey at* **Crowie, Australia** (*Flinders University)*	2017
50.	*Underwater ERT survey at* **Lambayianna, PHASE II** (*Swiss Archaeological School & Underwater Archaeological Ephorate)*	2017
51.	*Magnetic, resistivity, GPR and ERT survey at* **Lechaion**, *PHASE II* (*Lechaion Harbor and Settlement Project*)	2017
52.	*Multisensor magnetic, resistance, GPR and electromagnetic mapping of the* **Ancient City of Olynthos,** *Greece (Greek Archaeological Service, University of Michigan, University of Liverpool)*	2017
53.	*3D Laser Scanner and Photogrammetry in* **Tripitos (Siteia) and Driros**, *Ephorate of Lasithi.*	2017
54.	*Multisensor magnetic, resistance, GPR and electromagnetic mapping of sites in the* **battle field of Plataea, Boetia,** *Greece (Ephorate of Antiquities of Boetia)*	2016
55.	*Photogrammetry and 3D Laser Scanner* **of the Byzantine Church in Males**, *Crete (Ephorate of Lasithi, University of Athens)*	2016
56.	*ERT and MASW survey in the property OT128 in* ***Piraeus*** (*Dimand SA)*	2016
57.	*Underwater ERT and Multisensor magnetic survey at* **Lambayianna** (*Swiss Archaeological School & Underwater Archaeological Ephorate)*	2016

58.	*Multisensor magnetic, EM, GPR and ERT survey at* **Lechaion**, (*Lechaion Harbor and Settlement Project*)	2016
59.	*Geophysical survey in* **Marathon tumuli** *(The Archaeologicla Society at Athens)*	2016
60.	*Underwater ERT and photogrammetry survey at the* **Elounda (Olous), Crete**, (*ISAP Fund*)	2016
61.	*GPR, resistivity and ERT survey at* **Creta Maris Hotel, Crete, Crete**, (*TEAB AE*)	2016
62.	*Underwater ERT survey at the* **Elounda (Olous), Crete**, (*PEFYKA*)	2015
63.	*Underwater ERT survey at the* **Karavostasi, Istro, Crete** (*PEFYKA*)	2015
64.	*Underwater ERT survey at the* **Kalo Chorio, Istro, Crete** (*PEFYKA*)	2015
65.	*Underwater ERT survey at the* **harbour of Pafos, Cyprus**, (*Archaeological Service of Cyprus*)	2015
66.	*Multisensor magnetic, GPR, multi-frequency EM, ERT and resistivity survey at* **Kenchrae, Corinth**– (*University of Maryland*)	2015
67.	*Multisensor magnetic, GPR, multi-frequency EM survey at* **Heraia PHASE II**– (*ARISTEIA II*)	2015
68.	*GPR, EM and resistivity survey* **in Hyettos** *(Leiden Universoity)*	2015
69.	*Multisensor magnetic, GPR, multi-frequency EM, Resistivity survey at* **Helis** – (*ARISTEIA II*)	2014
70.	*Multisensor magnetic survey GPR, multi-frequency EM at* **Heraia PHASE I**– (*ARISTEIA II*)	2014
71.	*Aerial Survey at* **Orchomenos** (*ARISTEIA II*)	2014
72.	*Multisensor magnetic, GPR, multi-frequency EM, ERT, Resistivity survey at* **Mantineia Tripolis** – Phase II (*ARISTEIA II*)	2014
73.	*Magnetic survey at* **Therasia island Phase III** (University of Thessaloniki).	2014
74.	*Multisensor magnetic and GPR survey in* **Pagalochori Rethymno, Crete** *(POLITEIA)*	2014
75.	*Magnetic, EM, Resistivity survey at* **Diros, Phase II** (*Chicago Field Museum*).	2014
76.	*GPR and ERT survey in various areas on topo of* **Fortezza Castle, Rethymno,** (*POLITEIA*).	2014
77.	*ERT and GPR survey for the location of the slipways in* **Rethymno,** (*POLITEIA*).	2014
78.	*Magnetic, EM, GPR, ERT survey at* **Delphi-Phase III** (*French School of Athens*).	2014
79.	*Magnetic survey at* **Szengalom, Hungary** (*Chicago Field Museumn*)	2014
80.	*Electrical Resistance, GPR and magnetic gradiometry survey at* **Onchestos, Boetia** (*Columbia University*)	2014
81.	*Electrical Resistance, GPR and Electrical Resistivity Tomography survey at* **Hyettos, Boetia-Phase II** (*IMS-University of Leiden*)	2014
82.	*Underwater ERT survey at* **Agioi Theodoroi, Heraklion**, *Crete* (*PEFYKA*)	2014
83.	*Multisensor magnetic,multi antenna GPR, multi-frequency EM survey at* **Mantineia Tripolis** (*POLITEIA*)	2014
84.	*Magnetic, GPR, ERT and resistance survey at* **Hyettos, Boetia** (University of Leiden).	2013
85.	*ERT survey in urban sites for reconstructing the subsurface properties near the areas of accelerators of Crete* (*Geocharacterization-THALES Technical University of Crete*)	2013
86.	*Magnetic, EM, GPR, ERT survey at* **Delphi-Phase II** (French School of Athens).	2013
87.	*Magnetic survey at the military airport of* **Kasteli, Crete** *(THEON Construction Company)*.	2013
88.	*Electrical Resistivity Tomography survey at the* **Magor Tell, Hungary** (Chicago Field Museum).	2013
89.	*Electrical Resistivity Tomography survey at the* **Belvarosi templon**, ***Hungary*** (Janus Pannonius Museum at Pecs).	2013
90.	*Time Lapse geophysical monitoring of the pollution caused by Olive Oil Mill Wastes in* **Ag. Andreas, Rethymno** *(PEFYKA)*	2013-2014
91.	*Time Lapse geophysical monitoring of the pollution caused by Olive Oil Mill Wastes in* **Alikianos, Chania** *(GeoDiametris)*	2013-2014

92.	*Electrical resistivity tomography survey at* **Gault prehistoric archaeological site.** *Gault, Austin, Texas, USA,*	2013
93.	*ERT survey at the* Toltec **Mounds, Arkansas, USA** *(University of Arkansas, Arkansas Archaeological Survey)*	2013
94.	*Magnetic survey at* **Therasia island** (University of Thessaloniki).	2012
95.	*Magnetic, EM, GPR, ERT survey at* **Delphi** (French School of Athens).	2012
96.	*Magnetic, GPR, Resistivity, ERT survey at* **Ismenion Hill (Thebes)** (Bucknell University).	2012
97.	*Magnetic, GPR, EM, ERT survey at* **Alepotrypa (Mani)** (Chicago Field Museum of Natural History).	2012
98.	*GPR and ERT survey in* **Aptera Chania** (The City University of New York)	2012
99.	*Magnetic and ERT survey at* **Szeghalom (Hungary)** (Chicago Field Museum of Natural History).	2012
100.	*Magnetic Survey* at Bronze Age Körös Off-Tell Archaeology project (BAKOTA) - archaeological site at **Koldus-Zug (Hungary)** (University of Toronto)	2011
101.	*Magnetic, GPR, ERT Survey, at* **Zominthos, Anogeia Crete** (Mrs. Sakellaraki - Archeologiki Etaireia).	2011
102.	*Exoerimental ERT survey in* **Elefterna (Rethymno)** (Univeristy of Crete)	2011
103.	*Time-Lapse ERT in an Olive Oil Mill Wastes Site* **in Rethymno Prefecture** *(*Institute of Mediterranean Studies)	2011
104.	*Magnetic, GPR, ERT Survey, at* **Palamari Skyros** (Scientific Committee of Palamari Skyros).	2011
105.	*Magnetic and GPR Survey, magnetic susceptibility and spectroradiometry survey at* **Szeghalom (Hungary)** (Chicago Field Museum of Natural History).	2011
106.	*GPR, resistivity, ERT & Magnetic Survey at* **Ancient Theatre of Demetriada** (Ephorate of Volos)	2010
107.	*GPR, ERT & Magnetic Survey at* **Ierapetra (amphitheatre region)** (Municipality of Ierapetra)	2010
108.	*Experimental GPR & Magnetic Survey at* **Polis (Cyprus)** (STARC-C, Cyprus Institute)	2010
109.	*GPR & Magnetic Survey at* **Palaepaphos (Cyprus)** (University of Cyprus)	2010
110.	*GPR, EPT, Resistivity & Magnetic and Magnetic Susceptibility Survey at* **Magoula Zerelia, Thessaly** (Municipality of Almyros/University of Thessaly)	2010
111.	*ERT survey for the geotechnical characterization* **of an area in Agia Galini, Crete** (Troulinos Ltd and Institute of Mediterranean Studies)	2010
112.	*ERT survey for the geotechnical characterization* **of Ksanthouliana area in Chania** (Diamantakis Ltd and Institute of Mediterranean Studies)	2010
113.	*GPR, Resistivity & Magnetic Survey at* **Nemea, Peloponnese** (University of Berkeley, U.S.A.).	2010
114.	*GPR, EPT, Resistivity & Magnetic Survey at* **Agioi Pente, Geroskipou (Cyprus)** (University of Cyprus).	2010
115.	*GPR, EM, Resistivity & Magnetic Survey at* **Ierapetra and Koufonisi (Lasithi)** (Prefecture of Lasithi).	2010
116.	*Magnetic Survey at* **Kóröslادány 58, Geszt and Szeghalom (Hungary)** (Chicago Field Museum of Natural History).	2010
117.	*ERT, GPR, EM & Magnetic Survey at* **Gortyna (Herakleion)** (Prefecture of Herakleion).	2009
118.	*ERT & Radar* at **Knossos Avenue- (Herakleion)** (G. Fragkiadakis).	2009
119.	*GPR survey* at **Changnyeong in South Korea** (KIGAM)	2009
120.	*ERT, magnetic and GPR survey in* **Bouyo (South Korea)** (KIGAM)	2009
121.	*Soil Resistance, Magnetic, GPR and EM survey* at **Geongju- South Korea** (KIGAM).	2009
122.	*Electrical Resistance Tomography survey & Radar* at **Bentenaki (Herakleio)** (Institute of Mediterranean Studies & Organisation of the Port of Herakleion).	2008

123.	*ERT survey for the location of water aquifers in* **Municipality of Th. Ziakas (Grevena)** *(*Municipality of TH. Ziakas and Institute of Mediterranean Studies)	2008
124.	*Electrical Resistance Tomography and GPR* at **Agios Andreas, Loutraki (Korinthia)** (Institute of Mediterranean Studies & Municipality of Loutraki - Perachoras).	2007
125.	*ERT survey* for the geotechnical characterization of the subsurface **in the area of Panormo** *(Troulis Ltd &* Institute of Mediterranean Studies)	2006
126.	*Soil Resistance, Magnetic survey, Radar and electrical Tomography* at **Sikyon, Kiato (Korinthia)** (Institute of Mediterranean Studies & University of Volos).	2006
127.	*Electrical Resistance Tomography and Ground Penetrating Radar Survey* at **Portitses (Argos)** (Institute of Mediterranean Studies & 4th Archaeological Service of Classical Antiquities of Nafplion)	2006
128.	*Electrical Resistance Tomography and Ground Penetrating Radar Survey* at **Tourkiko Scholeio (city of Rethymno)** (Institute of Mediterranean Studies & 28th Archaeological Service of Byzantine Antiquities)	2006
129.	*Electrical Resistance Tomography and Ground Penetrating Radar Survey* at **the new Building of the Institute for Mediterranean Studies (city of Rethymno)** (Institute of Mediterranean Studies)	2006
130.	*Magnetic survey & Soil Resistance Survey at* **Paleopyrgos, Molou (Lamia) – Construction of the National Road** (Institute of Mediterranean Studies, ID' Archaeological Service of Lamia &ATTI-KAT, L.T.D.).	2006
131.	*Magnetic survey –* **Koros Regional Archaeological Project, at Visztu, Hungary** (Institute of Mediterranean Studies & Florida State University & Ohio State University).	2006
132.	*Soil Resistance & Magnetic survey* at **Brallos – Sanctuary of Dimitra Pilaia/Amphiktionidos, Lamia Construction of the National Road** (Institute of Mediterranean Studies, ID' Archaeological Service of Lamia & ATHINA L.T.D. – MECHANIKI, L.T.D.).	2006
133.	*Soil Resistance, GPR & Magnetic survey* at **Poseidon sanctuary at Kalaureia, Poros** (Institute of Mediterranean Studies & Swedish School of Athens).	2006
134.	*Magnetic & Electromagnnetic survey survey* at Soros **(Volos, Magnesia)** (Institute of Mediterranean Studies & Doxiadis & Associates & Archaeological Service of Volos).	2006
135.	*Seismic, Electrical Tomography, Soil Resistance, Magnetic & Electromagnnetic survey & G.P.S. topographic survey* at **Istron (Priniatikos Pyrgos), E. Crete** (Institute of Mediterranean Studies & University of Pennsylvania Museum).	2005
136.	*Soil Resistance and Magnetic survey* at **Lefkanti, Chalkis (Evoia)** (Institute of Mediterranean Studies & University of Oxford).	2005
137.	*Soil Resistance, Magnetic survey, Radar and electrical Tomography* at **Sikyon, Kiato (Korinthia)** (Institute of Mediterranean Studies & University of Volos).	2005
138.	*Electrical Tomography and Radar survey* at **Akropolis (Athens)** - Experimental Survey (Institute of Mediterranean Studies & University of Thessaloniki).	2005
139.	*Soil Resistance and Magnetic survey* at **Lykaion - Mt. Lykaion Excavation and Survey Project (Arkadia)** (Institute of Mediterranean Studies & University of Pennsylvania Museum of Archaeology and Anthropology).	2005
140.	*Soil Resistance, Magnetic and Electromagnetic survey* at **Tragana and Ancient Korinth – New Railway Line Kiato-Korinth** (Institute of Mediterranean Studies & ERGOSE, A.E., PANTECHNIKI, A.E., Archaeological Service of Korinth).	2005
141.	*Resistivity and Resistivity Tomography survey* at **Agia Paraskevi, Volos** (Institute of Mediterranean Studies & Archaeological Service of Volos)	2004
142.	*Soil Resistance and Magnetic survey* at **Scholi Omirou (Agios Athanasios), Ithaki** (Institute of Mediterranean Studies & University of Ioannina).	2004
143.	*Soil Resistance and Magnetic,* at **Dodoni (East Section – University Excavations), Epiros** (Institute of Mediterranean Studies & University of Ioannina).	2004
144.	*Soil Resistance &Magnetic survey* at **Sikyon, Kiato (Korinthia)** (Institute of Mediterranean Studies & University of Volos).	2004

145.	*Radar survey* at **a Palaeolithic site at Siteia (E. Crete)** (Institute of Mediterranean Studies & Museum of Natural History of Crete).	2004
146.	*Microgravity, GPR, Soil Resistance, Magnetic survey* at **the cemetery of Kenchreai, Korinthos** (Institute of Mediterranean Studies & Macalester College).	2004
147.	*Soil Resistance &Magnetic survey* at **Poseidon sanctuary at Kalaureia, Poros** (Institute of Mediterranean Studies & Swedish School of Athens).	2004
148.	*Soil Resistance, Magnetic, Electromagnnetic survey & Ground penetrating radar survey* at **Dodoni (Theater and stadium), Epiros** (Institute of Mediterranean Studies & Committee for the Protection and Management of Monuments of the Archaeological Site of Dodoni).	2004
149.	*Magnetic, Resistivity and Electromagnetic survey* at **Palaepaphos, Cyprus** (Institute of Mediterranean Studies & University of Cyprus)	2003
150.	*Magnetic survey* at **Pyrgos, Sesklo** (Institute of Mediterranean Studies & Local Archaeological Service of Volos)	2003
151.	*Magnetic and electrical resistance survey* at **Pallini (Highway Stavros-Rafina), Attika** (Institute of Mediterranean Studies & University of Thessaloniki)	2003
152.	*Seismic survey in the area of* **Ilarionas Dam (Northern Greece)**. (University of Thessaloniki)	2002
153.	*TEM survey for the location of bauxite lenses* **in Parnasos** (University of Thessaloniki)	2001
154.	*ERT survey in* **Aigaleo Park** *(Athens)* (University of Thessaloniki)	2001

3.3. Presentations in Conferences

Oral presentations

2004

oral.1. Sarris, A., **Papadopoulos**, **N.G.,** Kokinou, E., and Lazaridou, O. **(2004).** Geophysical investigations at the Sanctuary of Poseidon at Kalaureia, Poros island (Greece), using multiplexed electrical resistance and magnetic techniques. Paper presented at the *EIGG meeting, December 15-16, 2004, London*.

2005

oral.2. Stamatis, G., Sarris, A., **Papadopoulos**, N., Kokkinou, E., Topouzi, S., Kokkinaki, E., Moissi, E., Iakovou, M., Kassianidou, V., Papassavas, G., Papantoniou, G., Dikomitou, M., Stylianidis. St. **(2005).** Palaepaphos, Cyprus: The contribution of Geographical Information Systems and Geophysical Prospection in the study of the archaeological topography and settlement patterns. *Proceedings of the XXXIII Computer Applications and Quantitative Methods in Archaeology, March, 2005 – Tomar, Portugal, ed. Alexandra Figueiredo and Concalo Velho, 199-204.*

oral.3. Soupios, P., Manios, T., Sarris, A., Vallianatos, F., Maniadakis, K., **Papadopoulos**, N., Makris, J.P., Kouli, M., Gidarakos, E., Saltas, V., Kourgialas, N., **(2005)**. Integrated environmental investigation of a municipal landfill using modern techniques. *International Workshop in "Geoenvironment and Geotechnics", Milos Island, Greece, 1-8.*

oral.4. **Papadopoulos, N.,** and Sarris, A., **(2005)**. Geophysical Investigation of Archaeological Sites through the Application of 2D and 3D Geoelectrical Models. *7th Two-Day Meeting of FORTH, Academic Village of Anogia, 10-11 June 2005.*

oral.5. **Papadopoulos**, N., Tsokas, G.N., Tsourlos, P., and Sarris, A., **(2005)**. Archaeological Investigations by Means of Resistivity Inversion. *Oral presentation in the 11th European Meeting of Environmental and Engineering Geophysics, Palermo, Italy, 4 - 7 September 2005.*

oral.6. **Papadopoulos**, N., Tsokas, G.N., Tsourlos, P., and Sarris, A., **(2005)**. 2D and 3D Inversion of Electrical Resistivity Tomography Data collected from Archaeological Sites. *Oral presentation in the 6th International Conference of Archaeological Prospection, Rome 14-17, September, 2005.*

oral.7. Sarris, A., **Papadopoulos**, N.G., Elvanidou, M., Kappa, E., Trigkas, V., DeMarco, E., Seferou, E., Stamatis, G., Kouriati, K., Katifori, M., and Kaskanioti, M.,† **(2005)**. The Application of Ground Remote Sensing and GIS Technologies for the Study of Ancient Dodoni, Greece. *Oral presentation in the 6th International Conference of Archaeological Prospection, Rome 14-17, September, 2005*

2006

oral.8. Sarris, A., Peraki, E., Chatzoyiannaki, N., Elvanidou, M., Kappa, E., Kakoulaki, G., Karimali, E., Katifori, M., Kouriati, K., Papadakis, G., **Papadopoulos**, **N.,** Papazoglou, M., Trigkas, V., Athanasaki, K., **(2006)** Time Drilling Through the Past of the Island of Crete. *Colloqium C04 – Technology and Methodology for Archaeological Practice: Practical applications for the past reconstruction, XVth Congress of the U.I.S.P.P., Lisbon, 4-9 September 2006.*

oral.9. **Papadopoulos, N.G.,** Tsourlos, P., Papazachos, C., Tsokas, G.N., and Sarris, A., **(2006)**. An Algorithm for Fast 3D Inversion of Parallel 2D ERT Data-Sets. *Oral presentation at the 12th European Meeting of Environmental and Engineering Geophysics, Helsinki, Finland, 4 - 7 September 2006.*

oral.10. Tsokas, G.N., Tsourlos, P., P**apadopoulos, N.,** Manidaki, V., Ioannidou, M., and Sarris, A., **(2006)**. Non Destructive ERT Survey at the South Wall of Acropolis of Athens, Greece. *Oral presentation at the 12th European Meeting of Environmental and Engineering Geophysics, Helsinki, Finland, 4 - 7 September 2006, pp B040.*

oral.11. **(in Greek)** Σαρρής, Α., Βαλλιανάτος, Φ., Γεωργιλά, Κ., Καραθανάση, Β., Κοκκινάκη, Λ., Λαζαρίδου, Ο., Μερτίκας, Στ., Παπαδάκης, Γ., **Παπαδόπουλος, Ν.**, Παπάζογλου, Μ., Πυρίντσος, Στ., Σαββαΐδης, Α., Σουπιός, Π., Τρίγκας, Β., Φασσουλάς, Χ., **(2006)** Δια-δικτυακή Πύλη των Φυσικών Διαθεσίμων της Κρήτης. *9ο Εθνικό Συνέδριο Χαρτογραφίας: Χαρτογραφία Δικτύων – Χαρτογραφία μέσω Δικτύων, Χανιά, 2-4 Νοεμβρίου 2006,.*

oral.12. **(in Greek)** Σαρρής, Α. Τρίγκας, Β., Παπαδάκης, Γ., Παπάζογλου, Μ., Περάκη, Ε., Χετζογιαννάκη, Ν., Ηλβανίδου, Μ., Καρίμαλη, Ε., Κουριάτη, Κ., Κατηφόρη, **Παπαδόπουλος, Ν.,** Μ.,. Κακουλάκη, Γ., Κάππα, Ε., Αθανασάκη, Κ.**, (2006).** Πολιτισμική χαρτογράφηση με Πολυμέσα: Ψηφιακός Αρχαιολογικός Άτλαντας της Κρήτης, *9ο Εθνικό Συνέδριο Χαρτογραφίας: Χαρτογραφία Δικτύων – Χαρτογραφία μέσω Δικτύων*, Χανιά, *2-4 Νοεμβρίου 2006,*

2007

oral.13. Sarris, A., **Papadopoulos, N.,** Trigkas, V., Kokkinou E., Alexakis, D., Dimitrides, D., Kakoulaki, G., de Marco, E., Seferou, E., Aresti, G., Shen, G., Kondili, F., Karaoulis, M., Karifori, M., Simiridanis, K., Koustas, G., Nikas-Karayiannis, Y., Dogan, M., Stamatis, G., Kappa, E., Lolos, Y., Kalpaxis, Th., **(2007).** Recovering the Urban Network of Ancient Sikyon Through Multi-component Geophysical Approaches, *International Conference of Computer Applications in Archaeology: Layers of Perception (CAA2007), Berlin, Germany, April 2-6, 2007.*.

oral.14. Sarris, A., Trigkas V., Papadakis, G., Papazoglou, M., Peraki, E., Chetzogiannaki, N., Elvanidou, M., Karimali, E., Kouriati, K., Katifori, M., Kakoulaki, G., Kappa, E, Athanasaki, K., **Papadopoulos, N., (2007).** A WEB_GIS Approach for the Cultural Resources Management of Crete: The Digital Archaeological Atlas of Crete, *International Conference of Computer Applications in Archaeology: Layers of Perception (CAA2007), Berlin, Germany, April 2-6, 2007*.

2008

oral.15. **Papadopoulos, N.,** Yi, M-J. Sarris, A. and Kim, J-H. **(2008)** Archaeological Investigations in Urban Areas through Combined Application of Surface ERT and GPR Techniques. *8th Meeting of the Korean Society of Exploration Geophysicists, Kongju, S. Korea, 9-10 September 2008.*

oral.16. Lolos, Y., Gourley, B., Sarris, A., Hayward, Ch., Trainor, C., Kyriatzi, E. & **Papadopoulos, N., (2008).** Surveying the Sikyonian Plateau: Integrated Approach to the Study of an Ancient Cityscape, *Symposium of the Greek Archaeometry Society, Athens, 8-10 October 2008.*

oral.17. **(in Greek)** Hayden, B., Μπασιάκος, Ι., Σαρρής, Α., Ζαχαριάς, Ν., Παυλόπουλος, Κ., Θεοδωρακοπούλου, Κ., Αθανασάς, Κ., Τριανταφύλλου, Μ., Κούλη, Κ., **Παπαδόπουλος,** Ν., Σούπιος, Π., Παπαδόπουλος, Η., **(2008).** Μια διεπιστημονική προσέγγιση του παλαιοπεριβάλλοντος και των πολιτισμικών-τεχνολογικών καταλοίπων στο Ίστρον, Κόλπου Μιραμπέλο, Α. Κρήτης. *Symposium of the Greek Archaeometry Society, Athens, 8-10 October 2008.*

2009

oral.18. **Papadopoulos, N.,** Yi, M,J., Kim, J.H., Tsourlos, P., and Sarris, A., **(2009)**. An experimental procedure for the fast 3D inversion of surface electrical resistivity data sets. *CPS/SEG Beijing 2009 International Geophysical Conference and Exposition, 24-27 April 2009, Beijing.*

oral.19. Sarris, A., **Papadopoulos, N.,** Theodoropoulos, S., Gourley, B., Shen, G., Lolos, Y. & Kalpaxis, Th., **(2009)** Revealing the Ancient City of Sikyon through the Application of Integrated Geophysical Approaches and 3D modelling, *8th International Conference on Archaeological Prospection & 7th Colloque GEOFCAN, Memoire duSol, Espace des Hommes, Paris, France, September 2009*.

oral.20. **Papadopoulos, N.,** Sarris, A., Theodoropoulos, S., Kokkinaki, L., Seferou, E., Kydonakis. A., **(2009).** Advanced GEo-INFORMATION technologies and 3-D MODELING RECONSTRUCTIONS in cultural resources management. *STACHEM-LinkSCEEM joint meeting, Amman, Jordan, 2009.*

oral.21. Sarris, A., Seferou, P., Kokkinou, E. & **Papadopoulos, N., (2009).** Geophysical Prospection as a Way of Confirming Older Topographic Plans and Descriptions of Archaeological Sites, *14th International Congress "Cultural Heritage and New Technologies" - Workshop 14 "Archäologie und Computer"), Vienna, Austria, Nov. 4-6, 2009.*

2010

oral.22. **(in Greek) Παπαδόπουλος, N.,** Σαρρής, Α., Θεοδωρόπουλος, Σ., Σεφέρου, Ε., Κοκκινάκη Λ., & Κυδωνάκης., Α., **(2010)** Εφαρμογές Γεωπληροφορικής Και Τρισδιάστατης Μοντελοποίησης Για Την Ανάδειξη Και Διατήρηση Της Πολιτιστικής Κληρονομιάς, *Αρχαιομετρικές εφαρμογές στην Ελλάδα, Αρχαιολογικό Μουσείο Θεσ/κης, 2010.*

2011

oral.23. Sarris, A., **Papadopoulos N.G.,** Salvi, M.C., Dederix, S., **(2011).** Preservation Assessment of Ancient Theatres through Integrated Geophysical Technologies, *XVIth Congress of the International Union of Prehistoric and Protohistoric Sciences (UISPP), Florianopolis, Brazil., September 4-10, 2011.*

oral.24. Sarris, A. and **Papadopoulos, N**., **(2011).** Geophysical Surveying in Urban Centers of Greece. *15th International Congress "Cultural Heritage and New Technologies", Vienna, 2011.*

oral.25. **Papadopoulos, N.G**. and Sarris, A., **(2011).** An Algorithm for the fast 3-D Inversion of Direct Current Resistivity Data Using LSMR. *9th International Conference on Archaeological Prospection, Izmir, Turkey, September 2011.*

oral.26. **Papadopoulos, N.G**., Sarris, A., Salvi, M.C. and Dederix, S., **(2011).** The Performance of Geophysical Techniques for the Preservation Assessment of Ancient Theatres in Central and Eastern Crete. *9th International Conference on Archaeological Prospection, Izmir, Turkey, September 2011.*

2012

oral.27. Chliaoutakis, A., Kydonakis, A., Doula, M., Kavvadias, A. V., Sarris, A., **Papadopoulos, N., (2012).** Geospatial Tools for Olive Oil Mills' Wastes (OOMW) Disposal Areas Management, *32nd EARSeL Annual Symposium "Advances in Geosciences", 21 - 24 May 2012, Mykonos Island, Greece.*

oral.28. **(in greek)** Μουνδρέα–Αγραφιώτη, Α., Σαρρής., Α., & Παπαδόπουλος, Ν., **(2012)**. Η Συμβολή των Γεωφυσικών Διασκοπήσεων στην Αρχαιολογική Έρευνα της Μαγούλας Ζερέλια, Δήμος Αλμυρού. *4ο ΑΡΧΑΙΟΛΟΓΙΚΟ ΕΡΓΟ ΘΕΣΣΑΛΙΑΣ ΚΑΙ ΣΤΕΡΕΑΣ ΕΛΛΑΔΑΣ 2009-2011, Βόλος 16-18 Μαρτίου 2012.*

oral.29. Seferou, P., Soupios, P., Candasayar, E., **Papadopoulos, N.,** Sarris, A., Aktarakçi, H., **(2012).** Monitoring of contaminant transport by using geoelectrical resistivity tomography. *3rd International Conference on Industrial and Hazardous Waste Management, Chania, 12-14 September 2012.*

oral.30. Sarris, A., **Papadopoulos, N.,** and Soupios, P., **(2012).** The Contribution of Geophysical Approaches to the Study of Priniatikos Pyrgos , Conference on Fieldwork and Research at Priniatikos Pyrgos and Environs 1912 – 2012*, British School of Athens, 1-2 June 2012.*

oral.31. Sarris, A., **Papadopoulos, N.,** Dederix, S., Salvi, M.C., & Monahan, E., **(2012).** Geophysical Mapping of the Prehistoric Settlement at Palamari of Skyros*. Athens, May 2012.*

oral.32. Tsourlos, P., Yi, M-J., Kim, J-H., and **Papadopoulos, N., (2012)**. Comparing ERT Measuring Schemes for 3D Geoelectrical Investigation of Tumuli*. 18th European Meeting of Environmental and Engineering Geophysics of the Near Surface Geoscience Division of EAGE, Paris 3-5 September 2012.*

oral.33. Giannakis, H., Tsourlos, P., and **Papadopoulos, N., (2012)**. A Method to Detect Displacements of Borehole Electrodes through Electrical Resistivity Tomography. *18th European Meeting of Environmental and Engineering Geophysics of the Near Surface Geoscience Division of EAGE, Paris 3-5 September 2012.*

oral.34. Chliaoutakis, A., Kydonakis, A., Sarris, A., **Papadopoulos, N.,** Doula, M. & Kavvadias, V., **(2012).** Geo-Informatic Web-Based Applications for Olive Oil Mills' Wastes Disposal Areas Management, *Symposium on Olive Oil Mill Wastes and Environmental Protection, Chania, Crete, 16 – 18 October, 2012.*

oral.35. Sarris, A., **and Papadopoulos, N., (2012)**. Looking for Graves: Geophysical Prospection of Cemeteries. *17th International Congress "Cultural Heritage and New Technologies", Vienna, Austria, 5-7 November 2012.*

2013

oral.36. Savvaidis A., Margaris B. Theodoulidis N. Lekidis V. Karakostas Ch. Mangriotis M-D., Kalogeras I, Koutrakis S. Vafidis A. Steiakakis M., Agioutantis Z., Rozos D. Loupasakis C, Rondoyianni Th. Tsagaratos P., Dikmen U., **Papadopoulos N.,** Sarris A., Soupios P., Kokkinou E., Papadopoulos I, Kouli M. and Vallianatos F. **(2013).** GEO-CHARACTERIZATION ACCORDING TO RECENT ADVANCES OF EUROCODE (EC8), *First International Conference on Remote Sensing and Geoinformation 2013, 8-10 April 2013, Paphos, Cyprus* **(BEST PAPER AWARD).**

oral.37. Sarris, A., **Papadopoulos, N.,** Déderix, S., Salvi, M.C., **(2013).** Geophysical approaches applied in the ancient theatre of Demetriada, Volos. *First International Conference on Remote Sensing and Geoinformation 2013, 8-10 April 2013, Paphos, Cyprus.*

oral.38. **Papadopoulos, N.,** Sarris, A., Parkinson, W., Gyucha, A., Yerkes, R., **(2013)**. Electrical Resistivity Tomography as a Tool to Reconstruct the Palaeoenvironment of Neolithic Sites, *10th International Conference of Archaeological Prospection, Vienna, May 29th-June 2nd 2013.*

oral.39. Salvi, M.C., Sarris, A., **Papadopoulos, N.,** Agapiou, A., Parkinson, W., Yerkes, R.W. & Gyucha, A., **(2013).** The contribute of aerial and satellite images for the archaeological prospection of Neolithic sites: the case study of Szeghalom-Kovácshalom Tell, Hungary, *4th EARSeL Workshop on Cultural and Natural Heritage*, Matera, Italy, 3-6 June 2013.

oral.40. Soupios, P., **Papadopoulos, N**., and Sarris, A., **(2013).** Reconstructing Concealed Cultural Remains Through Integrated Geophysical Tomographic Methods. *13th International Congress of the Geological Society of Greece, Chania, Crete, 5-8 September 2013.*

oral.41. **(in Hungarian)** Gyucha A., Parkinson, W.A., Sarris, A., & **Papadopoulos,** N., **(2013).** Másfél évtized geofizikai kutatásai a Körös-vidék őskori lelőhelyein*, RÉGÉSZETI GEOFIZIKA" konferencia a térképező geofizikai módszerek régészeti alkalmazásáról, Magyar Nemzeti Múzeum, Nemzeti Örökségvédelmi Központ (NOK), Budapest, MFGI Díszterem, Nov. 5, 2013.*

oral.42. Sarris, A., **Papadopoulos, N.,** Cantoro, G., Agapiou, A.,, Déderix, S., , Tsigonaki, Ch., Devolder, M., (2013). New Technologies for Capturing the Dynamics of Cultural Landscapes*, 3rd. meeting of the Archaeological Work in Crete, Rethymno, on December 6-8th, 2013.*

2014

oral.43. **Papadopoulos, N.,** Kvamme, K., Dauphinee, J.J., Lockhart, J., Horton, E., and Mulvhill, T., **(2014)** Investigation of Mounds with 3-D Resistivity Tomography: The case of Toltec Mounds B,

Arkansas, USA, *1st Computer Applications in Archaeology –GR (CAA-GR) Conference, Rethymno, Crete, Greece, 7-8 March 2014.*

oral.44. Agapiou, A, Sarris, A., **Papadopoulos, N.,** Alexakis, D.D. & Hadjimitsis, D.G., **(2014).** 3D Pseudo GPR Sections Based on NDVI Values: Fusion of Optical and Active Remote Sensing Techniques at the Vészto-Mágor Tell, Hungary, *1st Computer Applications in Archaeology –GR (CAA-GR) Conference, Rethymno, Crete, Greece, 7-8 March 2014.*

oral.45. **Papadopoulos, N.,** Tsigonaki, Chr., Guy, M. & Sarris, A., **(2014).** Imaging of ancient water management infrastructures through 3-D Electrical Resistivity Tomography: The case of Eleftherna archaeological site (Greece**),** *20th European Meeting of Environmental and Engineering Geophysics, Near Surface Geoscience 2014, Athens, 14-18 September 2014.*

oral.46. **Papadopoulos, N.,** Soupios, P., Kim, J-H., Simirdanis, K., Kirkou, S., Tsourlos, P., **(2014).** Mapping of Olive Oil Mills' Wastes (OOMW) through Electrical Resistivity Tomography: A case study from Alikianos site in eastern Crete (Greece), 20th European Meeting of Environmental and Engineering Geophysics, Near Surface Geosciencee 2014, Athens, 14-18 September 2014,

oral.47. **Papadopoulos. N., (2014)**. Mapping of Olive Oil Mill Wastes through Geoinformation Technologies. *Workshop on 4-Dimensional and High-Definition Geophysics KIGAM, Daejeon, South Korea December 11th-12th 2014.*

oral.48. Kim, J-H., Yi, M-J., and **Papadopoulos, N., (2014).** Admittance approach in full waveform inversion of surface GPR data: Preliminary study (1D earth). *Workshop on 4-Dimensional and High-Definition Geophysics KIGAM, Daejeon, South Korea December 11th-12th 2014.*

2015

oral.49. Donati, J., Sarris, A., Cuenca-García, C., Kalaycı, T., **Papadopoulos, N.,** and Simon, F-X., **(2015)**. The Urban Plan of Mantinea in the Peloponnese: An Integrated Geophysical and Satellite Remote Sensing Fieldwork Campaign, *AIA/SCS Joint Annual Meeting January 8-11, 2015, New Orleans, LA.*

oral.50. **Papadopoulos, N.,** Theodoulou, T., Simirdanis, K., Moffat, I., Kritikakis, G., **(2015).** Mapping of shallow marine archaeological sites through geoinformatics: The case of Agioi Theodoroi in Heraklion, Crete. *Ephorate of Marine Antiquities, Museum of Acropolis, Athens, March 6th, 2015.*

oral.51. **Papadopoulos,** N, Manataki, M., Kalayci, T. **(2015).** Sensor Fusion in Geophysics: A Synthetic Approach. International *Conference on Computer Applications in Archaeology, CAA 2015, University of Sienna, Sienna, Italy, 30 March- 3 April, 2015.*

oral.52. Sarris, A*.,* **Papadopoulos, N.,** and Kalayci, T., **(2015).** Geophysical Research in Therasia: Revealing the cultural dynamics in volcanic environments, *Thessaloniki, June 19-20 2015.*

oral.53. (in greek) **Papadopoulos, N., (2015)**. Mapping of shallow marine coastal archaeological and geological structures using electrical resistivity tomography, *PEFYKA-KRIPIS, FORTH, Heraklion, Crete, July 20th, 2015.*

oral.54. (in greek) **Papadopoulos, N., (2015)**. Mapping and monitoring of soil pollution with satellite remote sensing techniques *PEFYKA-KRIPIS, FORTH, Heraklion, Crete, July 20th, 2015.*

oral.55. Kirkou, S., Tsourlos, P., Soupios, P., **Papadopoulos, N.,** Simyrdanis, K., **(2015).** Three Dimensional Time Lapse Monitoring of a Saline Tracer in an Experimental Tank. *21st European Meeting of Environmental and Engineering Geophysics in Turin, Italy, 6-10 September 2015.*

oral.56. Sarris, A., **Papadopoulos, N.,** Parkinson, W.A., Yerkes, R., Cyucha, A., Bácsmegi, G., Simon, F-X., Duffy, P., and Salisbury, R., **(2015).** Unfolding the Neolithic Wetlands Landscape of Szeghalom-Kovácshalom in Hungary. *11th International Conference on Archaeological Prospection, 15-19 September 2015, Warsaw, Poland.*

oral.57. Tsourlos, P., Tsokas, G., **Papadopoulos, N., (2015).** ERT Imaging of Tumuli-Comparing Radial Different Measuring Modes, Workshop on Advances in Imaging for Archaeology 6 September 2015, Turin

oral.58. **Papadopoulos, N.,** Donati, J., Cantoro, G., and Moffat, I., **(2015).** AncientCity: A new Frontier in Ancient Greek Urbanization through Geoinformatics. *8th Congress of the Balkan Geophysical Society, 5-8 October 2015, Chania, Greece.*

oral.59. Manataki, M., Kalayci, T., **Papadopoulos, N.,** and Sarris, A., **(2015).** Data Integration in Archaeological Prospection - A Synthetic Approach. *8th Congress of the Balkan Geophysical Society, 5-8 October 2015, Chania, Greece.*

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4.7 Patents

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4.8 Technical Reports

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4.8.2. **Nikos Papadopoulos, Dimitris Oikonomou, Meropi Manataki, Apostolos Sarris,** Technical Repost on the the geophysical Investigations in Photike, Phase IIi (2021), Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, March 23rd, **2022**

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4.8.4. **Nikos Papadopoulos, Dimitris Oikonomou, Nasos Argyriou, Apostolos Sarris**. Techncal Report on the Geophysical Investigations in selected Areas at Kefissos Valley, Phase IV. Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, November 11th, **2021**

4.8.5. **Vangelis Alevizos, Nasos Argyriou, Nikos Papadopoulos,** Techncal Report Drone survey at Lambayanna, Argolida, 2021. Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, October 2nd, **2021**

4.8.6. **Nikos Papadopoulos, Dimitris Oikonomou, Apostolos Sarris,** Technical Repost on the the geophysical Investigations in Kranona, Phase II (2021). Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, June 15th, **2021**

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4.8.8. **Nikos Papadopoulos, Dimitris Oikonomou**. Techncal Report on the Geophysical Investigations in the Monastery of Vidianis. Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, December 7th, **2020**

4.8.9. **Nikos Papadopoulos, Dimitris Oikonomou, Apostolos Sarris,** Technical Repost on the the geophysical Investigations in Kranona, Phase I (2020). Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, Novemebr 24th, **2020**

4.8.10. **Nikos Papadopoulos, Dimitris Oikonomou, Apostolos Sarris**. Techncal Report on the Geophysical Investigations in selected Areas at Kefissos Valley, Phase III. Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, November 23rd, **2020**

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4.8.13. **Gianluca Cantoro and Nikos Papadopoulos**. Photogrammetric and 3D Laser Scanner Survey in Estavromenos, Rethymno. Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, July 28th, **2020**

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4.8.15. **Nasos Argyriou, Nikos Papadopoulos**. Mapping of the landslides in the Municipality of Rethymno, Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, February 7th, **2020**.

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4.8.18. **Apostolos Sarris, Nikos Papadopoulos.** Technical Repost on the geophysical Investigations at Agios Konstantinos (2019). The Rethymnon Hilly Countryside Archaeological Project. Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, November 1st **2019**.

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4.8.25. **Nikos Papadopoulos, Dimitris Oikonomou, Nasos Argyriou.** Geophysical Investigations in the Shallalat Gardens, Alexandria, Egypt**.** Institute for Mediterranean Studies - Foundation for Research & Technology (F.O.R.T.H.), Rethymno, Crete, April 23rd, **2018**

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