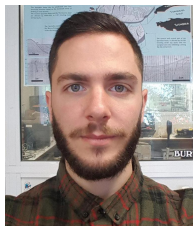



PERSONAL INFORMATION



Nikos Georgiou

 Nea Avorani, 30100 Agrinio (Greece)

 (+30) 6949275230

 ngeorgiou@upatras.gr

 https://www.researchgate.net/profile/Nikos_Georgiou3

Sex Male | Date of birth 12 Jun 1991 | Nationality Greek

WORK EXPERIENCE

06/2017–01/2018

Oceanographer - Geologist

Contract with "Services for marine acoustic surveying", Patras (Greece)

Acquisition and Interpretation of Marine Acoustic Data

01/04/2016–28/02/2017

Oceanographer-Geologist

Contract with EEA GRANTS 2009-2014 - "Identification, consequences and management of the anoxic zone of Amvrakikos Gulf (NW Greece)"

- Oceanographic missions
- Acquisition and Interpretation of oceanographic and seismic data
- Presentation of the results in a broad audience

01/07/2015–01/11/2015

Oceanographer - Geologist

Contract with National Operational Program for Fisheries 2007-2013 - PA (Partnership Agreement for the Development Framework)

- Mapping of protected Marine Habitat (Posidonia Oceanica)
- Multibeam processing

09/2015–Present

Laboratory Teaching Assistant

University of Patras

Laboratory Teaching Assistant at the 1st and 5th semester at lectures : «Principles of Oceanography», «Introduction to Computers» & «Remote Sensing in the Marine environment» at the Department of Geology.

EDUCATION AND TRAINING

01/11/2019–Present

Scholarship of Excellence

Integrated methodological scheme for the detection and mapping of submerged antiquities and priority marine habitats" - PA (Partnership Agreement for the Development Framework) 2014-2020", Patras

15/03/2019–15/06/2019

Scholarship under the Erasmus + placement mobility program

Royal Netherlands Institute for Sea Research, Texel (Netherlands)

The traineeship program consist of numerical modelling of coastal geomorphological processes. In particular, the trainee will work on the formation and evolution of coastal tidal notches under changing sea levels. The project will focus on the Last Interglacial Stage (LIS, ~125,000 years before present) when sea level was 6-10 m above present-day mean sea level. The results of the project will narrow down the uncertainties on the observed LIS sea-level highstand and will help to constrain the volume

reduction of Antarctic and Greenland Ice Sheets during warmer climates.

01/10/2017–30/04/2019

Scholarship ELIDEK

Greek Institution of Research and Innovation (ΕΛΙΔΕΚ), Athens (Greece)

Phd Scholarship - "Palaeogeographic reconstruction of coastal areas, of geoarchaeological importance, during the Quaternary, at Eastern Mediterranean"

06/2017–07/2017

Scholarship from Innomar's Student Project 2017

Innomar, Rostock (Germany)

<https://www.innomar.com/student-projects-2017.php>

07/2015–Present

Phd Candidate

Department of Geology, University of Patras, Patras (Greece)

Phd Thesis : "Palaeogeographic reconstruction of coastal areas, of geoarchaeological importance, during the Quaternary, at Eastern Mediterranean"

Supervisor Committee : G. Papatheodorou, M. Geraga, G. Ferentinos

2013–2015

Master's Degree

Department of Geology, University of Patras, Patras (Greece)

Degree : 9.69

Thesis Title : " Palaeogeographic evolution of the coastal zone of Byblos, Lebanon, Eastern Mediterranean, using marine remote sensing techniques "

Three member committee : G.Papatheodorou, M. Geraga, G. Ferentinos

2009–2012

Bachelor's Degree

Department of Geology, University of Patras, Patras (Greece)

Degree :6.91

Thesis Title : " Hydrogeological survey of the acquifer of Lake Trichonida "

Supervisor : N. Lamprakis

PERSONAL SKILLS

Mother tongue(s)

Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Lower Cambridge (FCE)					
French	B2	B2	B2	B2	B2
Diplome d'etudes en langue francaise (DELFF) B2					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

Excellent communication skills acquired through

-Teaching Assistance in the Department of Geology

-Supervision of fellowships in the Laboratory of Marine Geology and Physical Oceanography

-Surveillance of field trips

- Participation in elementary school education and their introduction to the World of Geology

- Position as a Geologist - oceanographer in national programs

Organisational / managerial skills

Organizational / management skills acquired through:

- participation in European and national programs
- completing over 300 days of offshore research, participating in the Laboratory of Marine Geology and Physical Oceanography from 2014 - participating in 41 oceanographic surveys

Job-related skills

Collection and processing of geophysical-oceanographic-sedimentological data using:

- Sub-sottom profiler (3.5kHz, Sparker, Chirp, SES 2000)
- Side Scan Sonar (EG&G 272TD-Edgetech 4100,Edgetech 4200SP)
- Current Profiler (Acoustic Doppler Current Profiler)
- Multibeam Echosounder (BathySwathPlus, ELAC SEABEAM 1185)
- Single beam echosounder for identifying marine habitat (MX Echosounder)
- Software: Triton Imaging Inc. SB-logger, SB-Interpreter, Delph Map, Edgetech Discover 4100, Edgetech Discover 4200, Hypack , Chesapeake Sonar Wiz, SonarClass, TargAn, SBP_Im_An, ArcGIS, Golden Software Surfer-Grapher, SPSS, Malvern Mastersizer 2000, Microsoft Office 98-2014, Adobe Photoshop, Adobe After Effects,Adobe Premiere
- Triton ISIS
- Triton SBI
- Triton Map
- Arc GIS 9+
- Golden Software Surfer 9+
- Golden Software Grapher 9+
- Softawre for 3D imaging (Fledermaus IVS 3D, DMagic, Arcscene)
- SPSS
- Sediment sampling using gravity corer, Peat Corer
- Water sampling (Niskin).
- Geotechnical and Geochemical analysis in sediments (Malvern Mastersizer 2000)
- Remote Operated Vehicle
- Underwater Towed Camera
- Unmanned Surface Vehicle
- ANDI Open water sport diver level 2
- Basic user of R & Matlab

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Driving licence

B

ADDITIONAL INFORMATION

Publications in Scientific Journals (Science Citation Index)

1. Geraga M., Papatheodorou G., Ferentinos G., Fakiris E., Christodoulou D., **Georgiou N.**, Dimas X., Iatrou M., Kordella S., Sotiropoulos G., Mentogiannis V., Delaporta K.
-The study of an ancient shipwreck using marine remote sensing techniques, in Kefalonia Island

(Ionian Sea), Greece. (2015)(Article)

-Archaeologia Maritima Mediterranea 12, 183-198.

▪ 2. Zeliidis A., Papatheodorou G., Maravelis A. G., Christodoulou D., Tserolas P., Fakiris E., Dimas X., **Georgiou N.**, Ferentinos. G.

-Interplay of thrust, back-thrust, strike-slip and salt tectonics in a fold and thrust belt system: an example from Zakynthos Island, Greece. (2016).

-International Journal of Earth Sciences. DOI 10.1007/s00531-016-1299-y.(Article)

▪ 3. Papatheodorou G., Geraga, M., **Georgiou N.**, Christodoulou D., Francis-Allouche M., Grimal N.

-Marine geophysical survey offshore Byblos : preliminary results.(2016)

-Baal : bulletin d' archéologie et d'architecture libanaises(Article)

▪ 4. E. Fakiris, D. Zoura, A. Ramfos, E. Spinos, **N. Georgiou**, G. Ferentinos, G. Papatheodorou

-Object-based classification of sub-bottom profiling data for benthic habitat mapping. Comparison with sidescan and RoxAnn in a Greek shallow-water habitat.

-DOI: 10.1016/j.ecss.2018.04.028, Estuarine, Coastal and Shelf Science Volume 208, 31 August 2018, Pages 219-234 (Article)

▪ 5. Ferentinos G., **Georgiou N.**, Christodoulou D., Geraga M. Papatheodorou G.

-Propagation and termination of a strike slip fault in an extensional domain: The westward growth of the North Anatolian fault into the Aegean Sea

-<https://doi.org/10.1016/j.tecto.2018.08.003> (Tectonophysics, 2018-Under Publication, Available on-line August 9)(Article)

▪6. E. Fakiris, P. Blondel , G. Papatheodorou , D. Christodoulou , X. Dimas , **N. Georgiou** , S. Kordella , C. Dimitriadis , Y. Rzhanov , M. Geraga , G. Ferentinos

-Multi-frequency, multi-sonar mapping of shallow habitats – Efficacy and management implications in the National Marine Park of Zakynthos, Greece (Under Publication in Remote Sensing journal, February 2019)

▪7. G. Ferentinos, E. Fakiris, D. Christodoulou, M. Geraga, X. Dimas , **N. Georgiou** , S. Kordella, G. Papatheodorou, M. Prevenios, M. Sotiropoulos

-Optimal sidescan sonar and subbottom profiler surveying of ancient wrecks: The 'Fiskardo' wreck, Kefallinia Island, Ionian Sea

-Journal of Archaeological Science 113:105032, DOI: 10.1016/j.jas.2019.105032, January 2020

▪8. **Georgiou N.**, Fakiris E., Koutsikopoulos C., Papatheodorou G., Christodoulou D., Dimas X., Geraga M., Kapellonis G. Z., Vaziourakis K., Noti A., Antoniou D., Ferentinos G.

-Circulation patterns, hypoxia/anoxia dynamics and estimates of hypoxic volume in a Mediterranean fjord-like embayment (Amvrakikos Gulf, Western Greece)

-Estuarine Coastal and Shelf Science (Under review)

Publications in Conference Proceedings

▪ 1. Papatheodorou, G., Fakiris, E., Christodoulou, D. Dimas, K. and **Georgiou, N.**

-Scientific Monitoring Programme for Coastal and Marine Habitats of European Community's Interest in the N.M.P.Z.- Mapping of Marine Habitats,

-International Symposium 'Marine Protected Areas in Greece and the Mediterranean: Designing for the Future by Applying Lessons Learnt from the Past' Management Agency of the National Marine Park of Zakynthos (2015)(Presentation)

▪ 2. D Angelopoulou, D Antoniou, M Arkadianou, M Gkrimpouli, D Konstantinopoulos, A Nikitidou, K Vaziourakis, X Dimas, **N Georgiou**, A Noti, M Prevenios, G Ferentinos, G Papatheodorou, M Geraga,

S Sokos

-An Atlas of Geo-hazards in the Hellenic Seas

-12th Panhellenic Symposium of Oceanography & Fisheries Ionian University, Corfu, 30 May – 3 June 2018 (Presentation)

• 3. **N. Georgiou**, G. Papatheodorou, M. Geraga, D. Christodoulou, M. Francis-Allouche

-Marine Geo-Archaeological survey in Byblos, Lebanon, Eastern Mediterranean

-12th Panhellenic Symposium of Oceanography & Fisheries Ionian University, Corfu, 30 May – 3 June 2018 (Presentation)

•4. Fakiris E., Christodoulou D., **Georgiou N.**, Dimas X., Papatheodorou G., Pappas H., Blondel P., Pagoulatos A., Mikoniatis G., Zafiroopoulos G., Symeonidis F.

-The Patraikos Gulf Ambient and Seismic Noise Monitoring Project, October 2018 Conference: National Conference of Acoustics 2018, Patras, Greece (Presentation)

•5. Zeliidis A., Papatheodorou G., Maravelis A. G., Christodoulou D., Tserolas P., Fakiris E., Dimas X., **Georgiou N.**, Ferentinos. G

Interplay of thrust, back-thrust, strike-slip and salt tectonics in a Fold and Thrust Belt system: An example from Zakynthos Island, Greece

AAPG European Regional Conference & Exhibition , Bucharest, Romania, Volume: Abstract Book(Presentation)

•6. Simossi A., Papatheodorou G., Geraga M., Van de Moortel A., Christodoulou D., Iatrou M., **Georgiou N.**, Micha P.

-A preliminary marine geoarchaeological remote sensing survey around Mitrou islet (2015)

-5th National Conference for Archaeological Surveys in Central Greece(Poster)

•7. **N. Georgiou**, X. Dimas, S. Sergiou, D. Christodoulou, G. Papatheodorou, G. Ferentinos,

-Fault geometry and kinematics at the termination of the north Anatolian fault: Sporades basin and surrounding area, north Aegean sea, eastern Mediterranean.

-The Geological Society of Greece, 1st meeting of Tectonic Geology (2016) (Poster)

•8. **N. Georgiou**, E. Fakiris, D. Christodoulou, X. Dimas, C. Koutsikopoulos, G. Papatheodorou

-Anthropogenic impacts on the geomorphological regime of Preveza straits (Amvrakikos Gulf)

-1st International Scientific Conference on Design and Management of Harbor, Coastal and Offshore Works 2019 (Presentation)

•9. E. Fakiris, D. Christodoulou, **N. Georgiou**, X. Dimas, G. Papatheodorou, Ph. Blondel, G. Mikoniatis, G. Zafiroopoulos, F. Symeonidis

-The soundscape of the inner Ionian archipelago as evinced through the west patraikos gulf ambient and seismic noise monitoring project (2019)

-Conference: 5th international conference and exhibition on Underwater Acoustics (UACE2019) CRETE, GREECE.

Unpublished Technical Reports

• 1. Marine remote sensing survey in Corsica for the detection and study of ancient shipwrecks, 1st interim report (2014). Papatheodorou G., Geraga M., Christodoulou D., Fakiris E., Iatrou M., Baika K., **Georgiou N.**, Dimas X.

• 2. Mapping of high priority marine habitats at the area of Gyaros Island, in account of the World Wildlife Fund (WWF), 2015. Papatheodorou G., Christodoulou D., Fakiris E., Zoura D., Dimas X., **Georgiou N.**

• 3. Marine remote sensing survey in the Mitrou islet. 1st Interim Report to Mitrou Archaeological

- Project (MAP). 2015. Papatheodorou G., Geraga M, Christodoulou D., Iatrou M., **Georgiou N.**
- 4. Offshore Geophysical Survey at the gulf of Naousa. Technical Report submitted at the Environmental and Cultural Park of Paros, (<http://www.parospark.gr>), 2015. G. Papatheodorou, M. Geraga, D. Christodoulou, S. Kordella, D. Zoura, **N. Georgiou**, X. Dimas, V. Mentogiannis
 - 5. Marine remote sensing survey in Byblos, Lebanon. 1st Interim Technical Report to "Byblos et la mer" - College de France. 2015. Papatheodorou G., Geraga M, Christodoulou D., Iatrou M., Zoura D., **Georgiou N.**
 - 6. Marine remote sensing survey in Lechaio ancient harbour. 2nd Interim Technical Report submitted to the Lechaion Harbour Project (LHP) - Ephorate of Underwater Antiquities, the SAXO-Institute, University of Copenhagen and the Danish Institute at Athens. 2015. Papatheodorou G., Geraga M., Christodoulou D., Dimas X., **Georgiou N.**
 - 7. Project for the monitoring and the preservance of high priority habitats and species– sector 2: Surveying of coastal and marine habitats of high priority, 2015, in account of The National Marine Park of Zakynthos (N.M.P.Z.). Papatheodorou G., Christodoulou D., Fakiris E., **Georgiou N.**, Dimas X.
 - 8. Marine geophysical survey in the Kavala bay. Preliminary Technical Report submitted to Geodomiki and Energean Oil & Gas. 2015. Papatheodorou G., Christodoulou D., Fakiris E., Dimas X., **Georgiou N.**, Sergiou S.
 - 9. "Hydrocarbons and CO2 evolution in mafic and ultramafic rocks" MARINE REMOTE SENSING SURVEY, (2016) Technical Report for GasConsult International Inc. Papatheodorou G., Christodoulou D., Georgiou N., Dimas X., Sergiou S.
 - 10. Geoacoustic Survey in Pagasitikos Gulf, Greece, in favour of the Itaca Project (GA no.606738). Papatheodorou George, Geraga Maria, Christodoulou Dimitris, Fakiris Elias, **Georgiou Nikos**, Xenofontas Dimas (2016)
 - 11. Marine remote sensing surveying Antikyra Bay, Greece. Technical Report in co-operation with the University of California, San Diego. Papatheodorou George, Geraga Maria, Christodoulou Dimitris, **Georgiou Nikos**, Xenophon Dimas, Spyros Sergiou (2016).
 - 12. Marine remote sensing survey in Modi rocky islet. Technical Report . Papatheodorou George, Geraga Maria, Christodoulou Dimitris, **Georgiou Nikos**, Xenophon Dimas, Spyros Sergiou (2016)
 - 13. Offshore acoustic survey at Patraikos Gulf (2016). Series of technical reports submitted at Hellenic Petroleum Company. G. Papatheodorou, D. Christodoulou, E. Fakiris, X. Dimas, **N. Georgiou**
 - 14. Localization and mapping of sea biohabitats "Posidonia Oceanica" in Greece for the Operational Fisheries Programm (O.F.P) 2007-2013. G. Papatheodorou, D. Christodoulou, E. Fakiris, **N. Georgiou**
 - 15. Marine remote sensing and sampling survey in Byblos, Lebanon. Technical Report to "Byblos et la mer" - College de France.. Papatheodorou G., Geraga M, Christodoulou D., **Georgiou N.**, Dimas X.(2016)
 - 16. Marine geoarchaeological survey at Ampelakia Gulf – Salamina Island. Technical Report. Papatheodorou G., Geraga M, Christodoulou D., **Georgiou N.**, Dimas X. (2016)
 - 17. Marine remote sensing survey in Anfeh, Lebanon - Technical Report in co-operation with University of Balamand. Papatheodorou G., Geraga M, Christodoulou D., Fakiris E., Dimas X, **Georgiou N.**, Noti A. (2018)
 - 18. Provision of geological, geomorphological and sedimentological exploration of the bottom and

lake deposits of the artificial lake of Marathon. Technical report submitted to EYDAP SA Papatheodorou G., Geraga M, Christodoulou D., Fakiris E., Dimas X, **Georgiou N.**, Sergiou S. (2018).

•19. Seabed and topographic survey in the context of the construction of an underwater pipeline connecting Aegina Island with EYDAP - Application Design. Technical Report submitted to Christoforos D. Konstantinidis SA Papatheodorou G., Christodoulou D., Fakiris E., Dimas X, **Georgiou N.**, Sergiou S. (2018)

•20. Geophysical Survey in the area of the Salamis-Perama underwater tunnel. Technical report submitted to Ministry of Infrastructure & Transport. Papatheodorou G., Christodoulou D., Fakiris E., Dimas X, **Georgiou N.**, Sergiou S. (2018)

Seminars

•CoChe: Coastal Changes and Evolution

-3 day summer school for the response of coastal zones to the sea level change in Sardinia, Italy. 15-18 Sept 2019

• 5 day course in applied statistics using the R program Prof. Dr.Ingmar Unkel and Dr. Georg Hoermann from the Institute for Ecosystem Research, University of Kiel. 26th February – 02nd March. University of Patras.

• Training seminar for using geophysical methods for the management of sea and for European Policy about their sustainable management. (APREH-Interdisciplinary Aquaria for the promotion of Environment and History, Greece-Italy 2007-2013). Argostoli, Kephallonia.

• Health and Safety seminar at laboratories, sponsored by University of Patras.

• "Shale Gas Perspective" Seminar, 26 of April 2012 organised by the European Association of Geoscientists and Engineers (EAGE) and University of Patras.

Field Experience (Indicative)

Most important marine geophysical surveys (indicative - over 300 days):

- July 2014-Marine Geophysical and Sediment Coring Survey at the gulf of Corinth (4 days)
- November 2014 -Marine Geophysical Survey at Patras gulf (3 days) (assisting in the educational excursion of the undergraduate students of the department of Geology, University of Patras)
- March 2015 -Marine Geophysical Survey at Laganas gulf, Isl of Zakynthos,. (10 days) • June 2015 -Marine Geophysical Survey at Pagasitikos gulf, Area of Amaliapolis. (10 days)
- April 2015 – Offshore Geophysical Survey at Croatia, Gulf Mali Losinj (10 days)
- June 2015 -Marine Geophysical Survey at Toroneos gulf . (15 days)
- September 2015 -Marine Geophysical Survey at the gulf of Kavala (15 days)
- December 2015-February 2016 -Marine Acoustic Survey at Patras gulf (56 days)
- April 2016-Marine Geophysical, Oceanographical and Sampling Survey at the Amvrakikos Gulf, Greece (10 days)
- April 2016- Marine Geophysical Survey at the marine area of Sipan Island , Croatia (10 days)
- June 2016-Marine Geophysical Survey at Toroneos Gulf. Greece. (3 days)
- July 2016-Marine Geophysical Survey at the island of Astipalaia. Greece. (9 days)
- August 2016-Marine Geophysical and Sampling Survey at the gulf of Antikira, Greece. (5 days)
- September 2016-Marine Geophysical and Sampling Survey at the coastal area of Jbeil, Lebanon. (11 days)
- November 2016- Marine Geophysical, Oceanographical and Sampling Survey at the Amvrakikos Gulf, Greece, Greece. (10 days)
- April 2016- Marine Geophysical and Oceanographical survey in Croatia at the Elaphitic Islands, Loladria Project. (10 days)
- June 2017- Marine Geophysical survey in Kavos, Corfu in co-operation with University of Delaware. (3 days)
- June 2017 - Marine geoarchaeological survey using remote sensing techniques in Anfeh, Lebanon. (15 days)
- July 2017 - Geophysical - Oceanographical survey at Marathon Lake, Athens (5 days)

- November 2017- Geophysical survey at Sidon, (Lebanon 25 days)
- February 2018 - Geophysical survey for geohazard mapping and burial assessment regarding the installation of water pipeline between Salamina and Aigina (7 days)
- July 2018 - Geoarchaeological & geophysical survey in Vathi Gulf, Astypalaia. (7 days)