

# PANAGIOTIS FOUTRAKIS

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## PROFILE

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Geophysicist – Marine Geologist with 10 years of international offshore and office based experience.

Owner of Coda Octopus dongle hardware set (enabled modules: Replay 2000, Mosaic, Survey Engine Seismic+, Survey Engine Sidescan+, Survey Engine Mosaic+, Geokit Sidescan Sonar, Geokit Subbottom Profiler, File Utilities).

PhD in Marine Geology.

Successfully participated in several marine surveying projects held by the Department of Geology of the University of Athens.

OGUK Offshore Medical Certificate (expiry date 30/05/2020) and Passenger Measurement Requirements.

BOSIET – FOET (expiry date 12/03/2020), Additional training to comply with OLF (Norwegian) requirements (expiry date 14/12/2019), CA-EBS training,

## SKILLS, EQUIPMENT AND SOFTWARE EXPERIENCE

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Marine 2D Seismic and Side Scan Sonar installation, acquisition, processing and interpretation, MBES and SBES data acquisition and processing, GIS mapping.

2D Sub-bottom profilers (EdgeTech 2000 combined SSS and SBP, Geoacoustics GeoPulse, Datasonics's ChirpII TTV170, S.I.G. France's Sparker and Boomer). Side Scan Sonars (EdgeTech's 4125, GeoAcoustics DFSS). SBES and MBES systems (Elac Hydrostar 4300, Teledyne Odom's Echotrac MKIII, Elac Seabeam 1050, Elac Seabeam 1180). Magnetometers (Geometrics G-880, G-882), Current Profilers (Nortek Aquadopp). Gravity piston corers. Tide recorders. DGPS. MRU.

EdgeTech Discover Software, Coda DA2000 data acquisition system, Datasonics data acquisition system, Coda Survey Engine Mosaic+, Coda Survey Engine Seismic+, Coda Survey Engine Sidescan+, Coda Geokit Sidescan Sonar, Coda Geokit Subbottom Profiler, Coda File Utilities, SMT Kingdom, Triton SB Interpreter, Chesapeake SonarWiz, iXblue Delph Sonar, MagPick, Geosoft Oasis Montaj, Hypack, Hydrostar, Fledermaus, ESRI ArcGIS, AutoCAD, Bentley Microstation, Surfer, Global Mapper, CEDAS.

## CAREER HISTORY

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November 2019 – February 2020. Bibby HydroMap. Geophysicist. Office based. SBP processing. Using IHS Kingdom and GIS. Project: Offshore Wind Farm Geophysical Survey.

September – October 2019. Bibby HydroMap. Geophysicist. Office based. SSS processing. Using SonarWiz, Coda Octopus, GIS. Project: Offshore Wind Farm Geophysical Survey.

July 2019. Terra-Marine. Processing Geophysicist. Small boat site survey. SBP SSS and MAG processing and interpretation using Coda Octopus Seismic Plus, SonarWiz, Oasis Montaj and ArcGIS/QGIS software. Project: Site survey for the installation of offshore anchorage for the landing of petroleum products, Greece.

June 2019. Bibby HydroMap. Geophysicist. Office based. SSS processing. Using SonarWiz, Coda Octopus, GIS. Project: Offshore Wind Farm Geophysical Survey.

February 2019. Terra-Marine. Processing Geophysicist. Small boat site survey. SBP processing and interpretation using Coda Octopus Seismic Plus and ArcGIS/QGIS software. Project: Site survey for the repair of the port of Athinios in Thira island, Greece.

October 2018 – February 2019. Bibby HydroMap. Geophysicist. Office based. SSS processing. Using SonarWiz, Coda Octopus, GIS. Project: Offshore Wind Farm Geophysical Survey.

July 2018. Bibby HydroMap. Geophysicist. Office based. SSS processing. Using SonarWiz. Project: Offshore Wind Farm Borssele Geophysical Survey.

February – March 2018: CMGeomatics. Processing Geophysicist. Office based remote processing. SSS processing and interpretation using SonarWiz. Project: UXO Geophysical/Benthic Survey for East Anglia One Offshore Windfarm.

December 2017. Terra-Marine. Online- Processing Geophysicist. Small boat site survey. SBP and SSS acquisition, processing and interpretation using SonarWiz. Project: Site survey for the assessment of coastal erosion in Marathonas, Greece.

October 2017. MMT Sweden AB. Geophysicist – Marine Geologist. Onboard Stril Explorer. SSS processing and interpretation using SonarWiz. Project: Cable route survey for NorthConnect project

September 2017. GeoXYZ. Processing Geophysicist. Office based at GeoXYZ office in Zwevegem. SSS processing using iXblue Delph Sonar. Project: Cable route survey for the Borssele Alpha Export Cable

July 2017. GeoXYZ. Processing Geophysicist. Onboard GeoOceanII and office based at GeoXYZ office in Zwevegem. SSS processing using iXblue Delph Sonar. Project: Cable route survey for the Borssele Alpha Export Cable

April - May 2017. Bibby HydroMap. Geophysicist. Office based. SSS processing. Using Coda Sidescan+ and Coda Mosaic+. Project: Offshore Wind Farm in the Bay of Saint-Brieuc.

August – September 2016. MMT Sweden AB. Geophysicist – Marine Geologist. Onboard M/V Franklin. Geophysical survey using SMT Kingdom, SonarWiz and AutoCAD. Geotechnical survey – vibrocoring, logs and SRB tests. Project: Cable Route Survey for the COBRA cable (Prysmian Powerlink).

May – June 2016. MMT Sweden AB. Processing Geophysicist. Office based. SBP and SSS interpretation and reporting. Using SonarWiz, AutoCAD. Project: Nord Stream.

July – September 2015. Atlantic Dredging Corporation. Geophysicist. Onboard Aiolos. Preparation, installation, acquisition and processing of SBP and SSS data. Using Chesapeake SonarWiz 5 SBP and SSS acquisition software, Benthos Datasonics acquisition software, Hypack, Coda Seismic Plus, Coda Sidescan Plus, Coda Geosurvey Mosaic, ESRI ArcGIS. Project: Geophysical Surveys offshore Casablanca and Tangier.

April 2015. G.A.S s.r.l.–Geological Assistance and Services. Online Geophysicist. Onboard Filomina Prima. Acquisition of SBP, SSS and Mag data. Using EdgeTech Discover Software. Project: Site Survey. Client: Mellitah Oil and Gas.

September 2014. Atlantic Dredging Corporation. Geophysicist. Onboard Aiolos. Preparation, installation, acquisition and processing of SBP and SSS data. Using Chesapeake SonarWiz 5 SBP and SSS acquisition software, Benthos Datasonics acquisition software, Hypack, Coda Seismic Plus, Coda Sidescan Plus, Coda Geosurvey Mosaic, ESRI ArcGIS. Project: Geophysical Survey offshore El Marsa, Laayoune – Western Sahara.

July 2014. Atlantic Dredging Corporation. Geophysicist. Onboard Aiolos. Preparation, installation, acquisition and processing of Magnetometer, SBP and SSS data. Using Chesapeake SonarWiz, Benthos Datasonics acquisition software, Hypack, Coda Seismic Plus, Coda Sidescan Plus, Coda Geosurvey Mosaic, Geosoft Oasis Montaj, ESRI ArcGIS. Project: Geophysical Survey for the detection of wrecks at the port of Casablanca - Morocco.

May 2014. Osiris Hydrographic & Geophysical Projects Limited. Processing Geophysicist. Office based. SBP Interpretation. Using Coda Seismic+. Project: Global Highlands.

December 2013 – January 2014. Osiris Hydrographic & Geophysical Projects Limited. Processing Geophysicist. Office based. SSS processing. Using Coda Geosurvey and Coda Mosaic. Project: Codling Wind Park.

September-October 2013. Osiris Hydrographic & Geophysical Projects Limited. Processing Geophysicist. Office based. SSS processing. Using Coda Geosurvey and Coda Mosaic. Project: Orkneys - Westray South.

June-July 2013. Osiris Hydrographic & Geophysical Projects Limited. Processing Geophysicist. Office based. SSS processing. Using Coda Geosurvey Mosaic, Bentley Microstation. Project: Humber Gateway Offshore Windfarm. End Client: E.ON.

January-February 2013. Osiris Hydrographic & Geophysical Projects Limited. Processing Geophysicist. Office based. SBP interpretation. Using Coda Octopus Seismic plus, Golden Software Surfer, Bentley Microstation. Geophysical surveys of the Triton Knoll Offshore wind farm cable Routes. End Client: RWE Npower Renewables LTD.

December 2012. Osiris Hydrographic & Geophysical Projects Limited. Processing Geophysicist. Office based. SBP interpretation, Using Coda Octopus Seismic plus. Geophysical surveys of the Triton Knoll Offshore wind farm cable Routes. End Client RWE: Npower Renewables LTD.

October 2012. UOA Faculty of Geology and Geo-Environment, Geophysicist. Onboard PagidasII. Preparation, installation, acquisition and processing SBP data. Using Datasonics geophysical data acquisition system, Coda Survey Engine Seismic+, Coda Geosurvey, ArcGIS. Island biodiversity and cultural evolution: Examples from the Eastern Mediterranean, Madagascar, Mauritius, Philippines during the past 800,000 years. Research Project co-financed by Greece and EU.

January 2012. UOA Faculty of Geology and Geo-Environment, Marine Geologist - PhD student, Onboard catamaran Oceanus (Nautitech 47). Preparation, installation, acquisition and processing SBP data. Using Datasonics geophysical data acquisition system, Coda Survey Engine Seismic+, Coda Geosurvey, ArcGIS. PhD survey in Saronikos Gulf

August – September 2011. Maritech Group. Geophysicist. Onboard OSV Flint River. Installation of SBES, SBP and SSS equipment, acquisition processing and interpretation of SBP and SSS data. Using Coda DA2000 geophysical data acquisition system, Coda Geosurvey, SonarWiz. GBICS segment 10 reroute. For the end client Tyco

March 2011. UOA Department of Geology, Marine Geologist - PhD student, Onboard catamaran Oceanus (Nautitech 47). Preparation, installation, acquisition and processing SBP and SSS data. Using Datasonics geophysical data acquisition system, Coda Survey Engine Seismic+, Coda Geosurvey, Sonarwiz, ArcGIS. PhD survey in Saronikos Gulf

August 2010. UOA - Department of Geology. Oceanographer. Nearshore. Diving, installation and calibration of current profilers, data acquisition and processing. Using Nortek Aquapro. Oceanographic survey for the end client Prefecture of Lassithi.

June 2010. UOA - Department of Geology. Geophysicist. Onboard Odysseas. Installation, calibration and data acquisition of MBES system. Using Hypack. Determination of water and sediment volume of the dam lake of Polifito for the end client Public Power Corporation of Greece.

April 2010. Department of Geology. Geophysicist. Onboard catamaran Oceanus (Nautitech 47). Installation, calibration and data acquisition of MBES system, 2D seismic, SSS and Magnetometer data acquisition, Core sampling. Using Datasonics geophysical data acquisition system, Coda Geosurvey, Sonarwiz, Hypack, MagPick. Sea bottom survey in Prassonisi – Rhodes for the end client Public Power Corporation of Greece.

November 2009. UOA Department of Geology, Marine Geologist - PhD student, Onboard PagidasII. Installation of the equipment and sea floor sampling with piston corer. Using Hypack. PhD survey in Saronikos Gulf.

October 2009. UOA Department of Geology, Marine Geologist - PhD student, Onboard catamaran Oceanus (Nautitech 47). Preparation, installation, calibration, data acquisition, processing and editing data of MBES system. Using Hypack, Fledermaus, ArcGIS. Personal PhD survey in Saronikos Gulf

June 2009. UOA - Department of Geology. Geophysicist. Onboard Odysseas. Installation, calibration and data acquisition of MBES system. Using Hypack. Determination of water and sediment volume of the dam lake of Plastira for the end client Public Power Corporation of Greece.

February 2009. UOA - Department of Geology. Geophysicist. Onboard catamaran Oceanus (Nautitech 47). Installation, calibration and data acquisition of MBES system, 2D seismic and SSS data acquisition, Core sampling. Using Datasonics geophysical data acquisition system, Coda Geosurvey, Sonarwiz, Hypack. Cable route survey. For the end client Public Power Corporation of Greece.

July 2008. UOA - Department of Geology. Geophysicist. Onboard T/G Hydna. Installation, calibration and data acquisition of MBES system, 2D seismic and SSS data acquisition, Core sampling. Using Datasonics geophysical data acquisition system, Coda Geosurvey, Sonarwiz, Hypack. Cable route survey. For the end client Public Power Corporation of Greece.

August – October 2007. UOA Department of Geology. Geophysicist – Scientific collaborator. Onboard tugboat Zamura. Installation, calibration and data acquisition of SBES system, 2D seismic and SSS data acquisition, Using Coda Geosurvey, Sonarwiz, Hypack. Geophysical survey for sand deposits for the end client Ministry of Transport of the Kingdom of Morocco.

June 2007 – April 2011. UOA - Department of Geology. Geophysicist – Scientific Collaborator in several projects. Office based. Pre-survey preparation, processing, editing and interpreting MBES, SBES, 2D seismic,

SSS and Magnetometer data, exporting maps and writing reports. Using Coda Survey Engine Seismic+, Coda Geosurvey, Triton SB Interpreter, Sonarwiz, Hypack, Hydrostar, MagPick, ArcGIS, Global Mapper, Fledermaus.

April 2005 – October 2005. Greek Navy. National Military Service. Onboard H/V – O/V Pytheas. SBES data acquisition. Using Hypack. Several hydrographic surveys for the end client Hellenic Navy Hydrographic Service.

## QUALIFICATIONS & CERTIFICATIONS

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- PhD (State Scholarship), National & Kapodistrian University of Athens, School of Science, Inter-faculty (Geology and Geoenvironment, Biology, Physics, Chemistry) Postgraduate Study Program in Oceanography. Thesis: “Marine Geological Evolution of Saronikos Gulf during the Quaternary”. 2016.
- MSc in Oceanography, National & Kapodistrian University of Athens, School of Science, Inter-faculty (Geology and Geoenvironment, Biology, Physics, Chemistry) Postgraduate Study Program in Oceanography. 2006.
- Degree in Geology, National & Kapodistrian University of Athens, School of Science, Geology and Geoenvironment. 2002.
- E-learning course (six months) in Geographic Information System, National Technical University of Athens School of Rural and Surveying engineering, Laboratory of Geography & Spatial Analysis, 2009
- BOSIET course, Humberside Offshore Training Association, Opito Course Code:5700, Certificate number: 001257001403124186, March 2012.
- FOET course, Humberside Offshore Training Association, Opito Course Code 5858, certificate number 0012585814121527732 (expiry date 12/03/2020),
- Additional Training to comply with OLF (Norwegian) requirements. Includes Escape Chute and Norwegian Survival Suit including EBS, certificate number 0012EEC15121527792 (expiry date 14/12/2019)
- Compressed Air Emergency Breathing System (CA-EBS) Initial Deployment Training Opito Approved, Opito Course Code:5902, Certificate number: 0012590215121527793
- OGUK Offshore Medical Certificate (expiry date 30/05/2020) and Passenger measurement requirements (Non XBR)
- Member of the Geotechnical Chamber of Greece
- Member of Greek Oceanographers Association

## PERSONAL INFORMATION

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- Nationality: Hellenic
- Date of Birth: 15 August 1977
- Languages: Greek (mother tongue), English (Certificate in Advanced English) and Spanish (Diploma Nivel Intermedio).