

PERSONAL INFORMATION

Fotios Pantazoglou



📍 Former US Base at Gourmes, 71500 Heraklion (Greece)

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WORK EXPERIENCE

15/10/1994–Present

Geologist – Systems Engineer

Hellenic Center for Marine Research, Heraklion (Greece)

- ROV Maxrover certified pilot.
 - Operation and maintenance of underwater ROV Maxrover 2000 system.
 - ROV Maxrover data processing.
 - Machine learning software development and implementation.
 - Participation in the design, construction and development of standard oceanographic instruments.
 - Installation and maintenance of oceanographic instruments.
 - Organization and responsibility for the operation of the particle flow laboratory.
 - Sediment traps samples handling and processing.
 - Design and deployment of Oceanographic instruments arrays and Sediment traps arrays.
 - Deployment of Oceanographic instruments (Box corer, Multicorer, Epibenthic sledge, Benthic Lander, Baited trap).
 - Dissolved oxygen (method Winkler) measurements.
 - Granulometric analysis, and implementation of analytical techniques for the study of sediment macrofauna.
 - Participation in the "setup", maintenance, and monitoring of technologically advanced Oceanographic systems.
 - Organization, preparation and execution of research missions in Greece and abroad (Atlantic Ocean, Eastern and Western Mediterranean) in European research programs.
- Participation in organizing, planning and conducting international conferences - workshops.

01/08/1992–06/08/1994

Exploration geologist

KASTOR Ltd, Athens (Greece)

- Organization, supervision and coordination outdoor working sites of the company. Geo-technical drilling for private and public entities. Financial management. Monitoring and supervision of staff, work allocation.
- Data processing and participation in the preparation of various studies and offers for the company. AutoCAD designs for various geotechnical projects .
- In situ testing for soil mechanics - hydrogeology and boreholes records completion.
- Soil and rock mechanics testing in the laboratory.
- Geo-technical studies for the development of water supply wells.

01/07/1991–02/07/1992

Geologist

A. Gkrintzos Ltd., Athens (Greece)

Implementation of soil mechanics testing procedures for aggregates and concrete .

01/06/1990–01/06/1991

Geologist

Lygizos Ltd., Andros (Greece)

- Staff Supervision.
- Office organization and customer support.
- Coordination and monitoring of the in-situ work.

EDUCATION AND TRAINING

10/10/2015–24/10/2017 **Master of Science in Systems Engineering**
 Technical University of Crete & Hellenic Military Academy, Chania (Greece)

01/09/1982–09/1987 **Bachelor's degree in Geology**
 Geological School of the Faculty of Sciences, Aristotle University of Thessaloniki (AUTH), Thessaloniki (Greece)

PERSONAL SKILLS

Mother tongue(s) Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	C1	C1	C1	C1
German	C1	C1	B2	B2	B2

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

Digital skills

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

Digital skills - Self-assessment grid

ICT Europe Intermediate

ADDITIONAL INFORMATION

Conferences

- Georgios Kladis, Fotis Pantazoglou and Michail Smyrnakis, 2017: Trajectory Tracking for Submersible Unmanned Vehicle Missions. A Takagi-Sugeno framework. 4th International Conference on OPTIMA, Hellenic Military Academy, Vari, Athens, Hellas
- Fotios K. Pantazoglou, Nikolaos K. Papadakis, and Georgios P. Kladis, 2017: Implementation of the generic Greek Model for CMU Sphinx speech recognition toolkit. International Scientific Conference eRA-12, October 24 – 26, Pireus, Hellas
- Fotios K. Pantazoglou, Christos Anagnostou ΑΝΘΡΩΠΟΓΕΝΗ ΑΙΤΙΑ ΓΙΑ ΤΑ ΕΚΤΕΤΑΜΕΝΑ ΦΑΙΝΟΜΕΝΑ ΔΙΑΒΡΩΣΗΣ ΤΩΝ ΑΚΤΩΝ ΣΤΟΝ ΚΟΛΠΟ ΜΕΣΣΑΡΑΣ, ΝΟΤΙΑ ΚΡΗΤΗ - ΕΚΤΟ ΠΑΝΕΛΛΗΝΙΟ ΣΥΝΕΔΡΙΟ ΔΙΑΧΕΙΡΙΣΗ ΚΑΙ ΒΕΛΤΙΩΣΗ ΠΑΡΑΚΤΙΩΝ ΖΩΝΩΝ November 2014
- Fotios Pantazoglou - Cretaquarium and his visitors. ATEI Heraklion career week- May 2007

Publications

- C.Theodosia Z.Markaki F.Pantazoglou A.Tselepides N.Mihalopoulos .Chemical composition of downward fluxes in the Cretan Sea (Eastern Mediterranean) and possible link to atmospheric deposition: A 7 year survey. Deep Sea Research Part II: Topical Studies in Oceanography Volume 164, June 2019, Pages 89-99
- Fotios K. Pantazoglou, Georgios P. Kladis, Nikolaos K. Papadakis. A Greek Voice Recognition Interface for ROV Applications, Using Machine Learning Technologies and the CMU Sphinx Platform .WSEAS Transactions on Systems and Control, ISSN / E-ISSN: 1991-8763 / 2224-2856,

Volume 13, 2018, Art. #63, pp. 550-560

- Georgios Kladis, Fotis Pantazoglou and Michail Smyrnakis, 2017: Trajectory Tracking for Submersible Unmanned Vehicle Missions. A Takagi-Sugeno framework. 4th International Conference on OPTIMA, Hellenic Military Academy, Vari, Athens, Hellas
- Fotios K. Pantazoglou, Nikolaos K. Papadakis, and Georgios P. Kladis, 2017: Implementation of the generic Greek Model for CMU Sphinx speech recognition toolkit. International Scientific Conference eRA-12, October 24 – 26, Pireus, Hellas
- Tselepidis, A., Psarra, S., Zivanovic, S., Papadopoulou, K., Smith, C., Kallianiotis, A., Plaiti, W., Polichronaki, T., Podaras, D., Pantazoglou, F., Otequi, A., Akoumianaki, I., Dafnomili, E., Duineveld, G., Nieuwland, G., Donovaro, R., Fabiano, M., Chronis, G., Stavrakakis, S., Lykousis, V., Wassmann, P., Ypma, E., Bett, B., Van Wambeke, F., Christaki, U., Bianchi, M., Ignatiades, L. (1996) Pelagic-benthic coupling in the oligotrophic Cretan Sea (NE Mediterranean) Second workshop of the Mediterranean targeted project, Iraklio, Greece, February 1-3 1996.
- Tselepidis, A., Papadopoulou, K., Podaras, D., Plaiti, W., Koutsoumbas, D., Pantazoglou, F. (1997) Macrobenthic community structure in the cretan sea 5th Hellenic Symposium on Oceanography and Fisheries, Kavala, Greece, April 15-18, 1997
- Tselepidis, A., Christodoulou, K., Pantazoglou, F. (1998) The IMBC compact Lander Alipor workshop, Iraklio, Greece, 1998
- Cocard, M., Banks, A., Damianidis, K., Drakopoulos, P., Exertier, P., Forsberg, R., Frantzis, X., Geiger, A., Gidskehaug, A., Kahle, H.-G., Koutroulis, E., Maratos, A., Mavraeidopoulos, A., Mertikas, S. P., Olesen, A. V., Pantazoglou, F., Papadopoulos, A., Pavlis, E. C., Pesec, P., Spyridakis, N., Suenkel, H., Tziavos, I. N., Vergos, G. S. (2002) "Airborne Laser and Gravity Project for the Altimeter Calibration Site Gavdos", Geophysical Research Abstracts 4, 27th European Geophysical Society General Assembly, Nice, France, 22-26 April, 2002
- Cocard, M., Papafitsorou-Marti, A., Kahle, H. -G., Geiger, A., Banks, A., A., Damianidis, K., Drakopoulos, P., Exertier, P., Forsberg, R., Frantzis, X., Gidskehaug, A., Koutroulis, E., Maratos, A., Mavraeidopoulos, A., Mertikas, S. P., Olesen, A. V., Pantazoglou, F., Papadopoulos, A., Pavlis, E. C., Pesec, P., Spyridakis, N., Suenkel, H., Tziavos, I. N., Vergos, G. S. (2002) "Past and Future Airborne Laser Surveys over Greece", The Eleventh General Assembly of the WEGENER Project - WEGENER 2002, Athens, Greece, 12-14 June, 2002
- Mertikas, S. P., Banks, A., Cocard, M., Damianidis, K., Drakopoulos, P., Exertier, P., Forsberg, R., Frantzis, X., Geiger, A., Gidskehaug, A., Kahle, H.-G., Koutroulis, E., Maratos, A., Mavraeidopoulos, A., Olesen, A. V., Pantazoglou, F., Papadopoulos, A., Pavlis, E. C., Pesec, P., Spyridakis, N., Suenkel, H., Tziavos, I. N., Vergos, G. S. (2002) "GAVDOS: A European Radar Altimeter Calibration and Sea-level Monitoring Site for Jason-1, Envisat, and Euro-Gloss", Geophysical Research Abstracts 4, 27th European Geophysical Society General Assembly, Nice, France, 22-26 April 2002
- Mertikas, S. P., Banks, A., Cocard, M., Damianidis, K., Drakopoulos, P., Exertier, P., Forsberg, R., Frantzis, X., Geiger, A., Gidskehaug, A., Kahle, H.-G., Koutroulis, E., Maratos, A., Mavraeidopoulos, A., Olesen, A. V., Pantazoglou, F., Papadopoulos, A., Pavlis, E. C., Pesec, P., Spyridakis, N., Suenkel, H., Tziavos, I. N., Vergos, G. S. (2002) "Installation Procedures of Establishing an Altimeter Calibration and Sea-Level Monitoring Facility on the Isle of Gavdos, Crete, Greece", The Eleventh General Assembly of the WEGENER Project, WEGENER 2002, Athens, Greece, 12-14 June 2002
- Mertikas, S. P., Banks, A., Cocard, M., Damianidis, K., Drakopoulos, P., Exertier, P., Forsberg, R., Frantzis, X., Geiger, A., Gidskehaug, A., Kahle, H.-G., Koutroulis, E., Maratos, A., Mavraeidopoulos, A., Olesen, A. V., Pantazoglou, F., Papadopoulos, A., Pavlis, E. C., Pesec, P., Spyridakis, N., Suenkel, H., Tziavos, I. N., Vergos, G. S. (2002) "Recent Developments in the Calibration-Validation Site of Gavdos, Greece" Jason-1/TOPEX/Poseidon Science Working Team meeting, New Orleans, USA, 21-23 October 2002
- Pavlis, E. C., Banks, A., Cocard, M., Damianidis, K., Drakopoulos, P., Exertier, P., Forsberg, R., Frantzis, X., Geiger, A., Gidskehaug, A., Kahle, H.-G., Koutroulis, E., Maratos, A., Mavraeidopoulos, A., Mertikas, S. P., Olesen, A. V., Pantazoglou, F., Papadopoulos, A., Pesec, P., Spyridakis, N., Suenkel, H., Tziavos, I. N., Vergos, G. S. (2002) "Absolute Sea Level Monitoring and Altimeter Calibration at Gavdos, Crete, Greece", Geophysical Research Abstracts 4, 27th European Geophysical Society General Assembly, Nice, France, 22-26 April 2002
- Tziavos, I. N., Banks, A., Cocard, M., Damianidis, K., Drakopoulos, P., Exertier, P., Forsberg, R., Frantzis, X., Geiger, A., Gidskehaug, A., Kahle, H.-G., Koutroulis, E., Maratos, A., Mavraeidopoulos, Mertikas, S. P., A., Olesen, A. V., Pantazoglou, F., Papadopoulos, A., Pavlis, E. C., Pesec, P., Spyridakis, N., Suenkel, H., Vergos, G. S. (2002) "A Survey of Marine Geoid Estimation using Satellite Altimetry and Shipborne Gravity Data in Gavdos", Geophysical Research Abstracts 4, 27th European Geophysical Society General Assembly, Nice, France, 22-26 April 2002
- Banks, A.C., Drakopoulos, P.G., Christodoulou, K., Pantazoglou, F. and Spyridakis, N. (2004) "The Oceanographic Component of the Establishment of a Satellite Radar Calibration Site in the Eastern Mediterranean for Jason-1, ENVISAT and EuroGLOSS." 1st General Assembly, European Geosciences Union, Nice, France, 25 - 30 April 2004
- Drakopoulos, P., Banks, A.C., Christodoulou, K., Pantazoglou, F. and Spyridakis, N. (2003) "The GAVDOS Operational Project: Its Oceanographic Component and Preliminary Results", The 7th

National Symposium on Oceanography and Fisheries, Hersonissos, Crete, Greece, 06 – 09 May 2003

- Πάνος Γ. Δρακόπουλος, Σεραφείμ Ε. Πούλος, Andy Banks, Νίκη Μπουσιδοπούλου, Κώστας Χριστοδούλου, Φώτης Πανταζόγλου(2004) Η επίδραση των κυμάτων και παράκτιων ρευμάτων στην ιζηματολογία του βυθού της νήσου Γαύδου (περιοχή λιμένα) 7th Pan-Hellenic Geographical conference of the Hellenic Geographical Association, Mytilene, Lesvos, Greece, 14-17 October 2004