



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Dr FASSOULAS Charalampos G.**

Address(es) Varnis 12, 71305 Heraklion, Crete, Greece

Telephone(s) 00302810 393277

Mobile: 00306977881675

Fax(es) 00302810324366

E-mail fassoulas@nhmc.uoc.gr

Nationality Greek

Date of birth 13/08/1967

Gender Male

Work experience

Dates 1996 - 2015

Occupation or position held Curator of Geological collections

Main activities and responsibilities Head of Geodiversity-Geology dep.

Name and address of employer Natural History Museum of Crete, University of Crete, Heraklion 71409, Crete, Greece, www.nhmc.uoc.gr

Type of business or sector Academic

Dates 2014 - 2015

Occupation or position held Laboratory Academi Staff (EDIP)

Main activities and responsibilities Teaching and Research

Name and address of employer Biology dep., University of Crete, Heraklion 71409, Crete, Greece, www.uoc.gr

Type of business or sector Academic

Dates 1996 - 2014

Occupation or position held Inv. Lecturer (PD 407)

Main activities and responsibilities Teaching and Research

Name and address of employer Biology dep., University of Crete, Heraklion 71409, Crete, Greece

Type of business or sector Academic

Dates 2001 - 2015

Occupation or position held Vice President of Management Committee

Main activities and responsibilities Scientific Coordinator

Name and address of employer Psiloritis Natural Park, European and UNESCO's Global Geopark, Anogia, Crete, Greece, www.psiloritis-natural-park.gr

Type of business or sector Natural Park

Education and training

Dates	1990-1995
Title of qualification awarded	Doctor of Philosophy in Structural Geology
Principal subjects/occupational skills covered	Expertise in Structural Geology, Geodynamics and Tectonics
Name and type of organisation providing education and training	Geology Department of Aristotle University of Thessaloniki, Thessaloniki, Greece
Dates	1985 - 1989
Title of qualification awarded	Diploma studies in Geology
Principal subjects/occupational skills covered	Geology related courses
Name and type of organisation providing education and training	Geology Department of Aristotle University of Thessaloniki, Thessaloniki, Greece

Personal skills and competences

Mother tongue(s) **Greek**

Other language(s) **English, German**

Self-assessment		Understanding				Speaking				Writing	
European level (*)		Listening		Reading		Spoken interaction		Spoken production			
English	C1	Lower Proficiency	C2	Lower Proficiency	C1	Lower Proficiency	C1	Lower Proficiency	C1	Lower Proficiency	
German	A2		B1		A1		A1		A1		

Computer skills and competences Excellent use of Windows, Word, Excell, Power Point, Corel Draw, WEB
Very good knowledge on GIS (ARCGIS), Access

Training Capacity Authorised Trainer for Adult Education by the National Centre for Training Certification of Greece

Additional information

- Professional affiliations
- Member of the Geological Society of Greece.
 - Member of the Tectonic committee of the G.S. Greece.
 - Member of the Geomorphologic and Earth Heritage committee of the Geol. Soc. Greece
 - Member of the Geotechnical Chamber of Greece
 - Member of the International Association of Structural/Tectonic Geology.
 - Member of ProGEO, the European society for the protection of Geological Heritage
 - Member of UNESCO's GGN Evaluators Group
 - Coordinator of Hellenic Geoparks Forum
- Synergistic Activities
- Field trip assistant in geological expeditions in Crete by Universities of Tuebingen Germany (1991), University of Yale (1999), University of Munchen Germany (2001), and Macalester College USA (2003)
 - Co-ordinator with U. Ring in IKYDA 2001 (EU scientific exchanges) program between Mainz, Scholl of Geology and Aristotle Uni. – University of Crete in the topic of "Tectonic uplift of Crete: tectono-sedimentary studies and numerical model"
 - Co-ordinator with Prof J. Ague, Yale Univ. in Niarchos Funded project "Deformation and Fluid flow During Metamorphism and Mountain Building, Crete, Greece".

- Co-convenor, GSA Penrose Conference, on Extensional Tectonics: Architecture, Rheological Coupling and Heat Budget Naxos Island, Greece, October 2007
- Coordinator, or researcher in more than 25 Research, Educational and Applied projects of Natural History Museum of Crete
- Main Researcher in PATCH, SEE and RISK (2012-14) projects, funded by Civil Protection funding Instrument of EU, implemented by Natural History Museum of Crete (2010-2011)
- Project Coordinator of RACCE (2010-2012) and EVANDE (2015-2016), funded by Civil Protection funding Instrument of EU, implemented by Natural History Museum of Crete
- Coordinator of GEOTOPIA project, funded by Interreg 2007-13 Greece Cyprus implemented by Natural History Museum of Crete (2011-2013)
- Project partner manager of E-Pres (2015-2016), funded by Civil Protection funding Instrument of EU, implemented by University of Crete

Selected publications

1. FASSOULAS C., KILIAS A. & MOYNTAKIS D. (1994): Post-nappe stacking extension and exhumation of the HP/LT rocks in the island of Crete, Greece, *Tectonics*, 13, 121-132.
2. TSOKAS G., TSOURLOS P., SOUPIOIS P., FASSOULAS C. & KALOIDAS E. (1997): On the ophiolites and the concealed magnetic bodies of the island of Crete (Greece), *Ophioliti*, 21, 153-157.
3. FASSOULAS C. (1999): The structural evolution of central Crete: Insight into the tectonic evolution of the South Aegean (Greece). *Journal Geodynamics*, 27, 23-43.
4. FASSOULAS C. (2001): The tectonic development of a Neogene basin at the leading edge of the active European margin: The Heraklion basin, Crete, Greece. *J. Geodynamics*, 31/1, 63-84.
5. RING U., BRACHER T, and FASSOULAS C. (2001): Middle Miocene graben development in Crete and its possible relation to large-scale detachment faults in the southern Aegean, *TERRA NOVA*, 13/1, 297-304.
6. FASSOULAS, C. (2004): Psiloritis Geopark: protection of geological heritage through development. In: Parkes. M.A. (ed) "Natural and Cultural Landscapes: the geological foundation", Royal Irish Academy, Dublin, 291-295
7. FASSOULAS, C. & PANAGIOTAKIS N. (2004): Could the rise and development of past civilizations depend on the geological environment? In: Parkes. M.A. (ed) "Natural and Cultural Landscapes: the geological foundation", Royal Irish Academy, Dublin, 147 – 151.
8. STRASSER T. & FASSOULAS C., (2004): Granodiorite stone tools in Cretan excavations, Aegean. *Archaeology*, 7, 9-12.
9. POULAKAKIS N., LYMBERAKIS P., & FASSOULAS C (2005): DEINOTHERIUM GIGANTEUM (PROBOSCIDEA, DEINOTHERIIDAE) from the late Miocene of Crete. *Journal Vertebrate Paleontology*, 25 (3), 732-736P.
10. RAHL J., ANDERSON K., BRANDON M. & FASSOULAS C. (2005). Raman spectroscopic carbonaceous material thermometry of low-grade metamorphic rocks: Calibration and application to tectonic exhumation in Crete, Greece. *Earth Planet. Sci. Let.*, 240, 339-354p.
11. BRACHER T., REUTER M., FELIS T., KROEGER K., LOHMANN G., MICHEELS A. & FASSOULAS C. (2006). Late Miocene corals (10 Ma) from Crete (Greece) document interannual climate variability controlled by the Icelandic Low. *Earth Planet. Sci. Let.*, 245, 81-94.
12. FASSOULAS C., PARAGAMIAN K. & ILIOPOULOS G. (2007). Identification and assessment of Cretan Geotopes. *Bull. Geol. Soc. Greece*, vol. XXXVII, 1780 – 1795.
13. ZIDIANAKIS J., FASSOULAS C. & MOHR B.A.R. (2007). An upper Miocene paleoflora from Vrysses, western Crete (Greece) and its paleoenvironmental and paleoclimatic interpretation. *GEODIVERSITAS*, vol. 29 (3), 351-377.
14. MERTZ-KRAUS R., BRACHER T., REUTER M., GALER S.J.G, FASSOULAS C., ILIOPOULOS G. (2009). Late Miocene sea surface salinity increase in the Eastern Mediterranean inferred from coral $\delta^{18}O$ variation. *Chemical Geol.*, 262, 202-216pp
15. MOUSLOPOULOU V., MORAETIS D. and FASSOULAS C. (2011). Identifying past earthquakes on carbonate faults: Advances and limitations of the 'Rare Earth Element' method based on analysis of the Spili Fault, Crete, Greece. *Earth Planet. Sci. Let.*, 309, 45-55.
16. FASSOULAS C., MOURIKI D., DIMITRIOU-NIKOLAKIS P. & ILIOPOULOS G. (2011). Quantitative assessment of geotopes as an effective tool for geoheritage management. *GEOHERITAGE*, DOI 10.1007/s12371-011-0046-9
17. ILIOPOULOS G., ROUSSIAKIS S. & FASSOULAS C. (2012). First occurrence of carnivore footprint with hyaenid affinities from the Late Miocene of Crete (Greece). *Palaeobio Palaeoenviron*, DOI 10.1007/s12549-012-0073-9

18. GALLEN S., WEGMANN K., BOHNENSTIEHL K., PAZZAGLIA F., BRANDON M., & FASSOULAS C. (2014). Active simultaneous uplift and margin-normal extension in a forearc high, Crete, Greece. *EPSL*, 398, 11-24.
19. STROBL M., HETZEL R., FASSOULAS C., & KUBIK P.W. (2014). A long-term rock uplift rate for eastern Crete and geodynamic implications for the Hellenic subduction zone. *J. of Geodynamics*, 78, 21-31 (<http://dx.doi.org/10.1016/j.jog.2014.04.002>)
20. Brachert T.C., Bornemann A., Reuter M., Galer S.J., Grimm K.I. & Fassoulas C. (2015). Upwelling history of the Mediterranean Sea revealed by stunted growth in the planktic foraminifera *Orbulina universa* (early Messinian, Crete, Greece). *Int J Earth Sci* 104:263–276 (DOI 10.1007/s00531-014-1076-8)

Popular publications

- Field Guide to the Geology of Crete. Natural History Museum of Crete (eds), 104 p., Heraklion 2000
- Geological Heritage of Psiloritis Mountains. Psiloritis Natural Park (eds), 110p., Anogia, 2008
- Ecotouristic guide of Sitia Nature Park. Natural History Museum of Crete (Eds), 128pp, 2013
- Many articles in popular journals and Newspapers

International meetings

Have participated in more than 39 International Meetings. Selection of participated meetings:

1. 5th Congress Geol. Soc. Greece, Thessaloniki 1990
2. 6th Congress Geol. Soc. Greece, Athens 1992
3. Meeting of the INTERNATIONAL LITHOSPHERIC PROJECT (ILP-II) "Word map of active faults", Thessaloniki 1992 .
4. 7th Congress Geol. Soc. Greece, Thessaloniki 1994
5. XV CarpathoBalcan Geol Association Congress, Athens 1995.
6. 2nd International Congress "Natural Monuments and Geological Heritage", Lesbos, Greece 1997.
7. 8th Congress Geol. Soc. Greece, Patras, Greece 1998 .
8. INTERIN-COLLOQUIUM του Regional Committee on Mediterranean Stratigraphy με θέμα "Mediterranean Neogene Cyclostratigraphy in marine - continental palaeoenvironments", Patras, Greece 1998.
9. 3^d International Congress "Natural Monuments and Geological Heritage", Lesbos, Greece 1998
10. International Congress of the Geol. Soc. of Ireland "Natural and Cultural Landscapes: the geological foundation", Ireland 8-11 Sep. 2002
11. 10th Congress Geol. Soc. Greece, Thessaloniki, 2004
12. 5th Intern. Symp. Eastern Mediterranean Geology, Thessaloniki, 2004
13. 2nd UNESCO International Conference on Geoparks, Belfast 2006,
14. 6th Intern. Symp. on Eastern Mediterranean Geology, Amman, Jordan, April 2007
15. 11th Congress Geol. Soc. Greece, Athens, 2007
16. 7th International Meeting of European Geoparks Network, Northwest Highlands, Scotland, September 2007
17. Geological Society of America, Penrose Conference on **Extensional Tectonics**, Naxos Island, Greece, October 2007
18. 31st General Assembly of the European Seismological Committee, Heraklion, Crete, Greece, 2008
19. 8th European Geoparks International Congress, Idanha, Portugal, 2009.
20. XIX Congress of the Carpathian-Balcan Geological Association, Thessaloniki 2010.
21. 10th European Geoparks International Congress, GEA Norvegica, Norway, 2011
22. 11th European Geoparks International Congress, Aruca, Portugal, 2012 European Civil Protection Forum, Brussels, 2015
23. 4th Civil Protection Forum, E.C., Brussels 2013
24. San'in Kaigan International Congress on Earthquake Protection, Kinosaki, Hyogo, Japan, 2013
25. 12th European Geoparks International Congress Cillento, Italy 2013
26. 13th European Geoparks International Congress Rockua, Finland 2015
27. 5th Civil Protection Forum, E.C., Brussels 2015

Collaborations	J. AGUE (UNI. Yale, USA), T. BRACHERT (Uni. MAINZ, Germany), M. BRANDON (Uni. Yale, USA), R. CAPUTO, (Uni. POTENZA, Italy), A. GANAS (Geodynamic Institute, Observatory of Athens, Greece), A. KILIAS, (Uni. THESSALONIKI, Greece), R. Nakov (uni. SOFIA, Bulgaria), S. PAVLIDES (Uni THESSALONIKI, Greece), J. RAHL (Uni. Michigan, USA), U. RING (Uni CANTERBURY, New Zealand), T. STRASSER, (State Uni. CALIFORNIA, USA), L. TORTORICI (Uni CATANIA Italy), N. ZOUROS (Uni Aegean, Greece), F. PAZZAGLIA (Uni. LEHIGH, USA), K. WEGMAN. (NCSU, USA), A. SARRIS (Ins. Mediterranean Studies, FORTH, GREECE), MOUSLOPOULOU V. (GFZ-Potsdam)
Topics of scientific interest	<ul style="list-style-type: none"> • Study and Assessment of Geodiversity, • Geoconservation and Geointerpretation • Tectonic geomorphology in modern orogenic zones • Natural Disasters' Mitigation
Update	April 2016