



**Ioannis Iliopoulos**



*Associate Professor  
in "Metamorphic Processes  
in Geologic and Anthropogenic Systems"*

### **Personal Information**

Orcid ID: orcid.org/0000-0002-5850-8144  
Telephone: +30 2610 99 7926 / Skype: petrology\_lab  
E-mail: morel@upatras.gr, petrology@gmail.com  
Twitter: @ig\_met, @archaeoceramics  
Affiliation: Department of Geology, University of Patras,  
Greece GR-26504 Rio – Patras, Greece

### **Education**

**2006** **Ph.D. in Geology** at the Department of Geology of the University of Patras, Greece. Thesis entitled: "Petrogenesis of the metamorphic rocks of Ikaria island, Aegean Sea, Greece"  
**1990** **Degree in Geology** (Ptychion - 4 years study course) at the Department of Geology of the University of Patras, Greece.

### **Fellowships - Awards**

**2012-2014** **Picker Institute research award.** "An Integrated Approach to the Study of Ceramic Technology at Metaponto, a Greek City-state in Southern Italy". In collaboration with Prof. Rebecca Miller Ammerman, Department of the Classics, Colgate University, USA.  
**1995-1996** **Research Grant.** General Secretariat for Research and Technology of the Greek Ministry of Development, Greece  
**1991-1995** **Special Postgraduate Scholarship** for Doctorate thesis: University of Patras, Greece.

### **Professional experience**

**2018-** **Associate Professor** in "Metamorphic processes in Geological and Anthropogenic systems" at the Department of Geology, University of Patras, Greece.  
**2013-2018** **Assistant Professor** in "Metamorphic processes in Geological and Anthropogenic systems" at the Department of Geology, University of Patras, Greece (tenured in June 2017).  
**2008-2013** **Lecturer** in "Metamorphic processes in Geological and Anthropogenic systems" at the Department of Geology, University of Patras, Greece.  
**2003-2008** **Chief Technician** (tenure-track position) at the Department of Geology, University of Patras, Greece.  
**1998-2001** **Researcher (Ricercatore)** at the Dipartimento di Chimica e Fisica della Terra ed Applicazioni alle Georisorse e ai Rischi Naturali, University of Palermo, Italy. Under the framework of "Chemical and Mineralogical Analysis of Archaeological Ceramics – **GEOPRO**" (TMR European Network Project under the 4th Framework Programme).

### **Teaching experience**

**Modules taught at the undergraduate course (Dept. of Geology, University of Patras, Greece):**

- *Igneous and Metamorphic Petrology (OPEN COURSE available in <https://eclass.upatras.gr/courses/GEO308/>; 2008-to date)*
- *Industrial Minerals (2008-2017)*
- *Metamorphism in the Hellenic region (2008-to date)*
- *Metamorphic processes (2008-2013)*
- *Methods on Research and Analysis of Minerals and Rocks (2008-2017)*
- *Computer applications in Earth Sciences (2008-to date)*
- *Protection of the geological, geographic and human heritage (2014-to date)*
- *Fieldtrip "Petrological Evolution of Southeastern Peloponnese" (coordinator; 2012-to date)*
- *Fieldtrip "Raw materials and Cement production" (coordinator; 2015-to date)*

### Modules taught at the postgraduate course (Dept. of Material Science, University of Patras, Greece):

- *Earth Materials (2008-2011)*

### Modules taught at the postgraduate course (Dept. of Geology, University of Patras, Greece):

- *Analytical methods in Mineralogy and Petrology (2011-to date)*
- *Earth materials and environmental applications (2011-to date)*
- *Advanced topics in Mineralogy/Petrology/Ore Geology (2011-to date)*
- *Preservation and Promotion of the Geologic and Cultural Heritage (2013-2015)*
- *Earth Materials and Sustainable Development (2011-to date)*
- *Archaeometric approaches for the study of ancient ceramic and stone artefacts (2019-to date)*

### Modules taught at the Maison de l'Archéologie et de l'Ethnologie, Paris Ouest Nanterre Université / Centre National De La Recherche Scientifique (CNRS), France (under the framework of ERASMUS+ project "Staff Mobility for Teaching")

- *Integrated approach of ancient ceramics and introduction to archaeometry.* Includes seminars and practicals (one week duration) for students of the 2nd (Masters) and the 3rd (PhD) cycle of studies (2015-to date)

### Invited Speaker

- 10/2018** *Elements of optical microscopy: history, evolution and modern challenges.* Microscope Seminar Series, Institute of Nanoscience and Nanotechnology (INN) of NCSR "Demokritos", Athens, Greece, 11 October 2012.
- 10/2012** *The Characterization Methods and the Fabrics. Symposium on the Characterization of Roof Tiles and Architectural Terracottas at Early Sites in and around Rome.* British School at Rome, Monday 29 October 2012.
- 01/2011** *Le analisi mineralogiche di anfore e ceramiche dal Etruria e dalla costa Tirrenica centro meridionale.* IMMENSA AEQUORA Workshop: Ricerche archeologiche, archeometriche e informatiche per la ricostruzione dell'economia e dei commerce ne bacino occidentale del Mediterraneo (metà IV sec. a.C. – I sec. d.C.), Progetto FIRB RBNE03KWMF, Roma, 24-26 gennaio 2011
- 11/2010** *Sourcing the Earliest Roof Tiles and Architectural Terracottas in Rome and Southern Etruria.* Fitch-Wiener Seminar 10/11, Organizers: British School at Athens (Fitch Laboratory), American School of Classical Studies (Wiener Laboratory), American School of Classical Studies, Loring Hall

### Participation in research projects

- *"Mouvements de pots ou de populations? Premiers éléments d'analyse à partir de l'étude technopetrographique de la céramique paletada du désert de Sechura (côte nord du Pérou)".* Scientific Coordinator: Dr. Catherine Lara. Funded by Maison de l'Archéologie et de l'Ethnologie, Centre National de la Recherche Scientifique CNRS/ Paris Ouest Nanterre Université, France. (2018-to date)
- *"Minero-Petrographic approach, geochemical study and infra red spectrometry of the Koan rocks in combination with satellite data and GIS".* Funded under the 1st Announcement of ELIDEK for PhD Candidates. (2017-to date)
- *"Petrographic and geochemical analysis of a Mycenaean ceramic assemblage and clayey raw materials from the Kastrouli area, near Delphi, Greece".* Scientific responsible: Dr. Ioannis Liritzis, Professor (University of the Aegean). Funded by the University of the Aegean. (2017-to date)
- *"Novel approaches for surface luminescence dating in archaeological & geoarchaeological case studies".* Scientific responsible: Dr. Ioannis Liritzis, Professor (University of the Aegean). Funded by the University of the Aegean. (2017-to date)
- *"Characterization of Precolumbian ceramic traditions through a techno-petrographic approach in the area of the Cuyes river valley, Southern Ecuador".* Scientific Coordinator: Dr. Catherine Lara (Maison de l'Archéologie et de l'Ethnologie, Centre National de la Recherche Scientifique CNRS/ Paris Ouest Nanterre Université, France). (2015-to date)
- *"An Integrated Approach to the Study of Ceramic Technology at Metaponto, a Greek City-state in Southern Italy".* In collaboration with Prof. Rebecca Miller Ammerman, Department of the Classics, Colgate University, USA. Φορέας Χρηματοδότησης: Picker Institute. (2012-2014)
- *"Development of Functional Micro- & Mesoporous Hybrid Materials for Technology & Environmental Applications (POROTECH)".* Scientific Coordinator: Dr. Yannis Deligiannakis, Professor (University of Ioannina, Greece). Co-funded by the European Commission and the Greek State (ESPA 2007-2013): "Thalis

- project: implemented under the Operational Project Education and Life Long Learning and is co-funded by the European Union (European Social Fund) and National Resources. (2011-2013)
- “*Technological study of the Early Helladic pottery from Ancient Helice (Aegion, NW Peloponnesse, Greece). A mineralogical, petrographic and geochemical approach.*” (Scientific responsible). Funded by: the University of Patras, Greece. (2010-2013)
  - “*Archaeology and Archaeometry of Late Roman Cooking Wares in the Western Mediterranean: a holistic approach (LRCWMED)*”. Funded by: Plan Nacional Español per progetti nazionali di ricerca, Spain. (2009-to date)
  - “*The Serraglio, Eleona, and Langada Archaeological Project (SELAP)*”. Funded by: The Institute for Aegean Prehistory (INSTAP), Philadelphia, U.S.A. (2008-to date)
  - “*Immensa Aequora: Reconstructing the trade in the Mediterranean Sea in the Hellenistic and Roman periods through new scientific and technological approaches*”. Funded by FIRB: Fondo per gli Investimenti della Ricerca di Base / Ministero dell’ Università e della Ricerca. (2007-2011)
  - “*Roman Tiles: Provenance and Technology*” funded by the Municipality of Rome, Italy. (2006-to date)

### **Summary of Scientific Production and Impact**

- h-index: 8/9/11 (Web of Science® / Scopus / Google Scholar).
- Refereed Publications – Papers: 26 / Other Publications – Books, Proceedings: 27 / Abstracts in congresses: 75
- Total number of citations (self-citations excluded): 172 / Other citations (self-citations excluded): 121
- Reviewer statistics (Publons): 32 reviews; 6 Journals

### **Selected Publications**

#### **A. In journals (peer reviewed)**

- Liritzis, I., Bednarik, R., Polymeris, G., **Iliopoulos, I.**, Zacharias, N., Kumar G., Vafiadou, A. and Bratitsi, M., (in press). Daraki-Chattan rock art constrained OSL chronology and multi-analytical techniques: a first pilot investigation. *Journal of Cultural Heritage*.
- Bratitsi, M., Liritzis, I., Vafiadou, A., Xanthopoulou, V., Palamara, E., **Iliopoulos, I.**, Zacharias, N., (2018). Critical assessment of chromatic index in archaeological ceramics by Munsell and RGB: novel contribution to characterization and provenance studies. *Mediterranean Archaeology and Archaeometry*, 18(2), pp.175-212.
- Vitale, S., Marketou, T., McNamee, C., Moutafi, I., Vika, E., Mantello, C., Morrison, J.E., **Iliopoulos, I.**, Passa, K.-S., Moulou, K., Blackwell, N.G. and Ballan, E., (2017). The Serraglio, Eleona, and Langada Archaeological Project (SELAP): report on the results of the 2011 to 2015 study seasons. In: *Annuario della Scuola Archeologica di Atene e delle missioni Italiane in Oriente*, vol. XCIV, serie III, 16, 2016, pp. 225-286.
- Liritzis, I., Zacharias, N., Al-Otaibi, F., **Iliopoulos, I.**, Katagas, C., & Shaltout, M. (2016). Chronology of construction and occupational phases of Nawamis tombs, Sinai based on OSL dating. *Geochronometria*, 43(1), 121-130. doi:10.1515/geochr-2015-0041
- Tsikouras, B., Passa, K.-S., **Iliopoulos, I.**, & Katagas, C., (2016). Microstructural Control on Perlite Expansibility and Geochemical Balance with a Novel Application of Isocon Analysis: An Example from Milos Island Perlite (Greece). *Minerals*, 6(3), 80
- Katsonopoulou, D., **Iliopoulos, I.**, Katsarou S., & Xanthopoulou, V., (2016). Craftsmanship of big storage pithoi in the Early Helladic settlement of Helike, Achaia. *BAR S2780 Proceedings of the 6th Symposium of the Hellenic Society for Archaeometry*, Edited by E. Photos-Jones in collaboration with Y. Bassiakos, E. Filippaki, A. Hein, I. Karatasios, V. Kilikoglou and E. Kouloumpi. British Archaeological Reports Ltd
- Aravadinou, E., Xypolias, P., Chatzaras, V., **Iliopoulos, I.**, & Gerogiannis, N. (2016). Ductile nappe stacking and refolding in the Cycladic Blueschist unit: insights from Sifnos Island (south Aegean Sea). *International Journal of Earth Sciences, Special Issue on Eastern Mediterranean Tectonics*, 107, 2075-2096, DOI: 10.1007/s00531-015-1255-2.

#### **B. In Books-Monographs (as articles or chapters)**

- **Iliopoulos, I.**, (in press). Analysis of the Pottery with Scanning Electron Microscopy. In: C. E. Galanaki. Gournes, Padiada: A Minoan Cemetery in Crete. Prehistory Monographs, INSTAP Academic Press.
- Vitale, S., Marketou, T., McNamee, C., Moutafi, I., Vika, E., Mantello, C., Morrison, J.E., **Iliopoulos, I.**, Passa, K.-S., Moulou, K., Blackwell, N.G. and Ballan, E., (2017). The Serraglio, Eleona, and Langada Archaeological Project (SELAP): report on the results of the 2011 to 2015 study seasons. In: *Annuario della Scuola Archeologica di Atene e delle missioni Italiane in Oriente*, vol. XCIV, serie III, 16, 2016, pp. 225-286.
- Montana G., and **Iliopoulos, I.**, (2017). Le analisi di laboratorio sulle ceramiche di Ischia. In: G. Olcese. "PITHECUSAN WORKSHOPS". Il quartiere artigianale di S. Restituta di Lacco Ameno (Ischia) e i suoi reperti. *Immensa Aequora* 5, Edizioni Quasar. Roma. 29.