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## Curriculum Vitae

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**Personal Data**      Name:                      **Athanasios Ch. Godelitsas**

                                 Birth:                          9<sup>th</sup> August 1967 (Arnea, Chalkidiki, Greece)

                                 Nationality:                Greek

                                 Languages:                 Greek (mother tongue), English (very good),  
 German (basic knowledge)

**Current position**        
HELLENIC REPUBLIC  
 National and Kapodistrian  
 University of Athens

**Assoc. Professor (UoA, Greece)**  
**Mineralogy-Mineral Chemistry**

### EDUCATION

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- 2001-2004**              **Post-Doctoral** research on carbonate minerals surface chemistry, Mineral Surface Group, Institute of Mineralogy, Westfälische Wilhelms-Universität Münster/Germany, in collaboration with the University of Bristol/UK, fully funded by the European Commission.
- 1998-1999**              **Post-Doctoral** research on environmental mineralogy and geochemistry, Department of Chemistry, Aristotle University of Thessaloniki (AUTH)/Greece, in collaboration with NCSR “Demokritos”/Greece, fully funded by the Greek State Scholarships Foundation (IKY).
- 1990-1995**              **PhD in Chemistry**, Thesis entitled “SYNTHESIS AND STUDY OF COMPLEX COMPOUNDS SUPPORTED ON THE SURFACE OF NATURAL ZEOLITE CRYSTALS”, Department of Chemistry, Aristotle University of Thessaloniki (AUTH)/Greece, in collaboration with the Centre for Microporous Materials, Department of Chemistry, UMIST/UK (now: Centre for Nanoporous Materials, The University of Manchester/UK), within the frame of the “ERASMUS” European Union programme.
- 1985-1989**              **BSc in Geology**, Diploma work in the field of mineralogy-petrology-geochemistry, Aristotle University of Thessaloniki (AUTH)/Greece, partially funded by the Greek State Scholarships Foundation (IKY).

## PROFESSIONAL EMPLOYMENT

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### Academic positions

2016 - .....	UoA/Greece, Assoc. Professor of Mineralogy-Mineral Chemistry.
2011 - 2016	UoA/Greece, Assist. Professor of Mineralogy-Mineral Chemistry.
2009 - 2010	Complutense University of Madrid/Spain, Visiting Professor of Environmental Mineralogy and Geochemistry.
2004 - 2010	UoA/Greece, Lecturer of Mineralogy-Mineral Chemistry.
2001 - 2004	Westfälische Wilhelms-Universität Münster/Germany, Post-Doctoral Researcher.

### Mining industry

2000 - 2001	<p>TVX Hellas S.A./Greece (currently Hellas Gold S.A.: <a href="http://www.hellas-gold.com/">http://www.hellas-gold.com/</a>), subsidiary of TVX Gold Inc., Toronto/CA, later in the Group of KINROSS Gold Corporation, and currently in the Group of Eldorado Gold Corporation (<a href="http://www.eldoradogold.com">http://www.eldoradogold.com</a>).</p> <p>Manager of the Quality Control Laboratory of the Company (12 staff members, over 1 M€ equipments) according to ISO QC/QA procedures.</p>
1998 - 2000	<p>TVX Hellas S.A./Greece (currently Hellas Gold S.A.).</p> <p>Laboratory geochemist in the Environment &amp; Quality Control Division. Participation in various R&amp;D projects of the Company including extraction of Au from pyrite/arsenopyrite concentrate through bio-oxidation, management of acidic mine drainage, and installation of on-line industrial XRF analyzer.</p>

**Military service** Hellenic Army Corps of Engineers (1996-1997).

## GRANTS & SCHOLARSHIPS

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- **European Science Foundation / ESF:** Investigation of Fe-bearing minerals in desert dust (and "red rain") and their role to the atmospheric inputs of Fe in eastern Mediterranean and Aegean Sea - in collaboration with the Hebrew University of Jerusalem/Israel.
- **Deutscher Akademischer Austausch Dienst (German Academic Exchange Service / DAAD):** Investigation of environmental/geological materials using Synchrotron radiation techniques - in collaboration with the Karlsruhe Institute of Technology/Germany.

## CURRENT RESEARCH INTERESTS

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- MINERAL SURFACE SCIENCE AND NANOGEOSCIENCE
- MICROPOROUS/NANOPOROUS MINERALS AND ROCKS
- ENVIRONMENTAL MINERALOGY AND GEOCHEMISTRY
- BIOMINERALOGY AND MEDICAL GEOLOGY
- MINERAL ATMOSPHERIC PARTICLES
- MARINE MINERALOGY AND GEOCHEMISTRY

## COORDINATION OF RESEARCH PROJECTS

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- **The nature of thorium in REE-bearing coastal deposits of northern Greece** - funded by the Karlsruhe Institute of Technology/Germany (2015).
- **Biogenic sulfur minerals in the environment of eastern Mediterranean volcanoes: the case of shallow-sea hydrothermal vents off Milos island, Greece** - funded by the European Commission (2014).
- **Investigation of Fe-bearing minerals in desert dust (and "red rain") and their role to the atmospheric inputs of iron in eastern Mediterranean and Aegean Sea** - funded by European Science Foundation (2013).
- **The nature of uranium in sedimentary rocks of Epirus region (NW Greece)** - funded by the Karlsruhe Institute of Technology/Germany (2012).
- **The nature of silver and gold in mining products of Chalkidiki (northern Greece)** - funded by the Karlsruhe Institute of Technology/Germany (2012).
- **Distribution and speciation of contaminants in bauxite and red mud from Ajka alumina plant, Hungary** - funded by the Karlsruhe Institute of Technology/Germany (2012).
- **Elemental distribution and speciation in Saharan dust and urban particulate matter from Athens, Greece, using combined micro-XRF/-XANES/-XRD techniques** - funded by the Karlsruhe Institute of Technology/Germany (2011).
- **Distribution and speciation of mercury and other heavy metals in framboidal pyrites from lagoon sediments in NW Greece** - funded by the European Commission (2010).
- **Thorium chemistry in Greek bauxites and bauxite-tailings (red mud) using X-ray absorption spectroscopy** - funded by the European Commission (2009).
- **Elemental distribution in Saharan dust from red rain precipitated over Athens, Greece** - funded by the European Commission (2008).
- **Uranium distribution and speciation in carbonate rocks from the greater Attica region, Greece** - funded by the European Commission (2008).

## PARTICIPATION IN RESEARCH PROJECTS

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- **Fabrication of nanomaterials for CO<sub>2</sub> storage based on geological materials from Cyprus** - University of Cyprus (2012-2014).
- **A multi-scale study of dissolution-crystallization processes relevant to biomineralization and environment** - Complutense University of Madrid, Spain (2010-2012).
- **Center of Excellence in Low-energy Ion-Beam Research and Applications (LIBRA)** - NCSR "Demokritos"/Greece in collaboration with various European Institutions, 1.4 M€ Research Potential - REGPOT Capacities Programme, European Union (2009-2011).
- **Interaction processes between sulphate minerals and aqueous solutions: mineralogical and environmental implications** - Complutense University of Madrid/Spain (2007-2009).

## ACTIVE SOCIETY MEMBERSHIPS

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International Mineralogical Association (National Representative and Member of the Commission of New Minerals, Nomenclature and Classification), Geochemical Society (USA), European Association of Geochemistry, Geological Society of Greece (responsible of the Committee of Mineralogy, Geochemistry & Economic Geology), The Scientific Society of the Mineral Wealth Technologists of Greece, Hellenic Nuclear Physics Society

## REVIEWER IN SCIENTIFIC JOURNALS

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*Environmental Science & Technology, Microporous & Mesoporous Materials, Crystal Growth & Design, Journal of Hazardous Materials, American Mineralogist, Chemical Geology, Geochimica et Cosmochimica Acta, Chemie der Erde, Applied Clay Science, Surface Science, Chemosphere, Water Research, Journal of Colloid & Interface Science, Water, Air, & Soil Pollution, Desalination, Journal of Environmental Management*

## CURRENT SCIENTIFIC RECORD

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REVIEWED ARTICLES (60 in International journals +10 in Greek journals) = 70  
 CITATIONS (Web of Science / Scopus) = 600 (excluding self-citations from all authors)  
 H-INDEX (J.E. Hirsch, *PNAS*, Vol. 102, 2005) = 14  
 CHAPTERS IN PROCEEDINGS & CONFERENCE ABSTRACTS (73 in International conferences +17 in Greek conferences) = 90  
 CHAPTERS IN BOOKS = 3

**Publications list:** <http://publicationslist.org/godelitsas>