

# CV – Prof. Konstantinos Komnitsas

## 1. GENERAL INFORMATION

DATE	Nov. 2019
NAME	<b>Konstantinos Komnitsas</b>
OCCUPATION	Dr. Metallurgical Engineer (PhD in Hydrometallurgy) Professor, School Mineral Resources Engineering Technical University Crete, Greece Director of Laboratories <ol style="list-style-type: none"><li>1. Waste Management and Soil Rehabilitation</li><li>2. Ore Beneficiation</li><li>3. Ceramics and Glass Technology</li></ol>
HOME ADDRESS	161, March 25 <sup>th</sup> str, PO Box 1014 73142 Kounoupidiana Chania, Crete, Greece tel: +30-28210-49098
WORK ADDRESS	Technical University Crete School Mineral Resources Engineering 73100 Akrotiri Chania, Crete, Greece tel: +30 28210 37686 fax: +30 28210 69554 mobile: +30 697 7506744 Email: <a href="mailto:komni@mred.tuc.gr">komni@mred.tuc.gr</a> Webpage: <a href="http://www.mred.tuc.gr/4250.html">http://www.mred.tuc.gr/4250.html</a>
NATIONALITY	Greek
DATE – BIRTH PLACE	March 18, 1961, Larissa, Greece
MARITAL STATUS	Married, 2 children
LANGUAGES	Greek (Mother tongue) English (Fluent) German (Good)
MEMBERSHIP	<ol style="list-style-type: none"><li>1. Technical Chamber of Greece</li><li>2. Greek Society of Mining and Metallurgical Engineers</li><li>3. Greek Society of Mineral Wealth Scientists</li><li>4. "Alexander S. Onassis" Foundation Scholars</li><li>5. National Technical University (NTUA) Graduates Union</li><li>6. ASTM Member (Environmental Forensics)</li><li>7. EWRA Member (European Water Resources Association)</li><li>8. GWA (Greek Water Association)</li><li>9. University Network Biomet (Fate and Transport of Biocolloids in Environmental Systems)</li></ol>

## 2. EDUCATION

1988-1990:	<b>Post Doctoral Research</b> , University of Wales, Cardiff School of Engineering, Division of Materials and Minerals, U.K, with an EC grant
1984-1988:	<b>PhD</b> , Laboratory of Metallurgy, School of Mining and Metallurgical Engineering, National Technical University of Athens (NTUA)
1978-1983:	<b>Diploma in Engineering</b> School of Mining and Metallurgical Engineering, National Technical University of Athens
1973-1978:	<b>Secondary School</b> , Agia, Larissa, Greece

### 3. ACADEMIC CAREER DEVELOPMENT

- 10 Apr. '08 - **Technical University Crete**, School Mineral Resources Engineering, Professor  
Courses:
- **Industrial Ecology**
  - Ore Beneficiation
  - Metallurgical processes – production of metals and ceramics
  - **Sustainable Development in the mining and metallurgical industry (post-graduate)**
  - Technologies for decontamination of soils, solid- and liquid wastes (post-graduate)
- 01 Oct. '07 - **Greek Open University, teaching staff, Postgraduate Program "Waste Management"**.
- I have supervised over 40 MSc theses and acted as reviewer in over 30 MSc theses
  - I have written (1998-2001) 10 chapters for five books of Hellenic Open University
  - I developed on-line teaching material for the program "Waste Management"
  - Average evaluation over all (10) years 4.6/5
- 12 Feb. '03 – 9 Apr. '08 **Technical University Crete**, School Mineral Resources Engineering, Assoc. Professor
- Jan '93 – 11 Feb. '03: **NTUA**, School of Mining and Metallurgical Engineering, Senior Research Scientist
- July - Dec. '90: **Research Associate**, University of Wales, Cardiff School of Engineering, Division of Materials and Minerals, U.K
- Dec.'88 - May '90: **Post Doctoral Research Fellow**, University of Wales, Cardiff School of Engineering, Division of Materials and Minerals, U.K (European Commission Grant)

### 4. ACTIVITIES

#### Distinctions

1. Oct. 2020 - . Deputy Head, Postgraduate Program "Waste Management", Hellenic Open University
2. 2009-2017. External evaluator of 8 PhD theses (3 in Spain, 2 in Australi, 1 in Finland, 1 in Italy, 1 in India)
3. Aug. 2018. Invitation by the National Research Foundation (NRF), S. Africa, to assist in evaluating whether an application for extension submitted by a Professor of Tshwane University of Technology is eligible for continuation or not.
4. May 2018., Journal Mineras (MDPI), I.F 1.835, Editor of a Special Issue "Recent Advances in Hydro- and Biohydrometallurgy".
5. 2016. Promotion committee for a staff member, University of Nicosia, Cyprus
6. 2015. The Life+ PROSODOL project was selected as one of the best projects among those ended in 2014 by the Life Unit of the European Commission
7. 2014. Promotion committee for a staff member, Universita Politecnica delle Marche, Italy
8. July 2014. The bilateral project between Turkey and Greece «Treatment of Acid Mine Drainage Using Permeable Reactive Barriers (In-Situ Treatment) and Anaerobic Baffled Reactors (Ex-Situ Treatment)» (2011-2013) was declared as success project by Tubitak (Turkish Research Foundation), [http://medeniyet.edu.tr/Guncel\\_Duyurular\\_ogretim\\_uyemiz\\_doc\\_dr\\_erkon\\_sahinkayanin\\_projesi\\_tubitak\\_basari\\_hikayesi\\_secildi.html](http://medeniyet.edu.tr/Guncel_Duyurular_ogretim_uyemiz_doc_dr_erkon_sahinkayanin_projesi_tubitak_basari_hikayesi_secildi.html)
9. July 2014. Member of CASE (Council of Asian Science Editors), Korea
10. Sep. 2013 - : National expert for the action Societal Challenge 'Climate action, environment, resource efficiency and raw materials', Horizon 2020
11. Sep. 2013. Expert (European Commission) for the roadmap of metallurgy for Europe, Horizon 2020
12. Nov. 2009. The Laboratory of "Management of Mining/Metallurgical Wastes and Rehabilitation of Contaminated Soils" was selected with fifteen other European laboratories by the European standardisation committé CEN in the line of inter-laboratory evaluation, for the determination of neutralization potential of mining wastes as part of the implementation of the Directive on the management of wastes from the extractive industries, based on the validation of preliminary standard prEN 15875 (<http://www.cen.eu/cenorm/homepage.htm>)
13. Oct. 2006 – Jan. 2009. National Representative FP7 (2006-2013) for International Cooperation
14. Sep. 2003. "Alexander S. Onassis Foundation", 18-month research grant

15. Nov. 2002 – Oct. 2004. National Representative for the Horizontal Action "Integrating and Strengthening the European Research Area (FP6)
16. Jan. 2002 – Mar. 2003. National representative for the definition of financial rules of participants (model contracts) in FP6
17. Sep. 2003: Alexander S. Onassis Foundation. Grant for implementation of research project after a competitive call
18. 3 May 2002: Abdi Ipekci prize as Editor-in-Chief of the *European Journal of Mineral Processing and Environmental Protection*
19. 01/12/88 - 31/05/90: European Commission (Directorate Biology - Division Biotechnology). Research grant. Research was carried out at Cardiff School of Engineering
20. 1984-1986: "Alexander S. Onassis Foundation", Grant for PhD studies

#### **Member of journal Editorial Boards**

1. *Minerals* (MDPI) (since June 2019), <https://www.mdpi.com/journal/minerals/editors>
2. *Information Processing in Agriculture* (Elsevier), <http://www.elsevier.com/journals/information-processing-in-agriculture/2214-3173>, (since 08/2013)
3. *Environmental Forensics* (Taylor and Francis), <http://www.environmentalforensics.org/journal.htm>, (since 01/2005)
4. *Minerals Engineering* (Elsevier), <http://www.elsevier.nl/locate/issn/08926875> (since 04/2000)

#### **Evaluator of Research Proposals**

1. Nov. 2019. Alliance review (Appointment letter CT-EX2002B000337-133), remote and Brussels
2. Oct. 2019. 1 proposal National Centre of Science and Technology Evaluation Kazakhstan, remote
3. Oct. 2019. Review of project T1EDK-02735– OPS 5032796, General Secretariat of Research and Technology, Greece, remote
4. Sep. 2019. Review H2020 Flexpol project, (Appointment letter CT-EX2002B000337-132), remote and Aachen (12 Dec. 2019)
5. Sep. 2019. Latvian of Science, 2 προτάσεις, call: call: Fundamental and Applied Research Projects, remote
6. Sep. 2019. Review of project T1EDK-04175 – OPS 5027367, General Secretariat of Research and Technology, Greece, remote
7. May 2019. Ministry of Science, Montenegro, 1 proposal, remote
8. May 2019. Review of project T1EDK-04491 – OPS 5029897, General Secretariat of Research and Technology, Greece, remote
9. Mar. 2019. Assessment of criticality of 4 industrial minerals (Appointment letter CT-EX2002B000337-131), remote and Brussels 11 Σεπ. 2019
21. Jan. 2019. Flexpol review (Appointment letter CT-EX2002B000337-130), remote and Brussels
10. Sep. 2018. Review H2020 Fissac project (Appointment letter CT-EX2002B000337-129), remote and Brussels
11. Sep. 2018. Evaluator H2020 H2020-SC5-2018-2-Second Stage proposals (Appointment letter CT-EX2002B000337-128), remote and Brussels (15-18 Oct. 2018)
12. July 2018. Review H2020 Flexpol project, (Appointment letter CT-EX2002B000337-127), remote and Torino (12 July)
13. June 2018. Review H2020 Protect project, (Appointment letter CT-EX2002B000337-126), remote and Limerick (5-6 June)
14. April 2018. Review H2020 Alliance project, (Appointment letter CT-EX2002B000337-125), remote and Brussels (23 April)
15. June 2018. Ministry of Science, Montenegro, 1 cooperation proposal Montenegro-Italy, remote
16. Apr. 2018. Latvian of Science, 2 proposals, call: Fundamental and Applied Research Projects, remote
17. Nov. 2017. 2 post-doc proposals, University Calabria, Italy, remote
18. Oct. 2017. 15 proposals National Centre of Science and Technology Evaluation Kazakhstan, remote
19. Oct. 2017. 7 proposals bilateral program Greece-Israel (energy sector), GSRT, remote
20. Oct. 2017. 1 post-doc proposal, University of Insubria, Italy, remote

21. Aug. 2017. 32 proposals bilateral program Greece-Germany (Energy sector) GSRT, remote
22. May 2017. 1 proposal Russian NSF, remote
23. May 2017. 1 proposal Swiss NSF, remote
24. Mar. 2017. 1 proposal. Politecnico di Torino (networks), remote
25. Feb. 2017. 4 proposals. National Science Foundation, Russia, remote
26. Feb. 2017. 2 proposals. National Center of Research and Development Poland, remote
27. Nov. 2016. 2 proposals M-ERA.NET (remote)
28. Sep. 2016. 18 proposals, Executive Agency for Higher Education, Research, Development and Innovation Funding, Romania, remote
29. July 2016. 3 proposals, Fifth Open Grant Competition of the Government of the Russian Federation "On measures designed to attract leading scientists to Russian institutions of higher learning", remote
30. July 2016. 6 proposals ERANETMED2, remote
31. June 2016. 9 proposals H2020-NMBP-BIO\_2016, BIOTEC-02-2016, Stage 2, (Appointment letter CT-EX2002B000337-124), remote
32. June 2016. 1 proposal, Czech Science Foundation, remote
33. May 2016. 1 proposal, MIUR (the Italian Ministry for Education, University and Research, call for proposals "PRIN 2015", remote
34. Apr. 2016. 6 proposals. National Center of Research and Development Poland, remote
35. Mar. 2016. National Center of Research and Development Poland. Mid-term review of ongoing project
36. Feb. 2016. 11 proposals, Russian Science Foundation, remote
37. Feb. 2016. 8 proposals H2020-NMBP-GV-2016, (Appointment letter CT-EX2002B000337-123), One stage call, remote
38. Jan. 2016. 16 proposals H2020-NMBP-BIO\_2016, BIOTEC-02-2016, Stage 1, (Appointment letter CT-EX2002B000337-122), remote
39. Non. 2015. NSF (National Science Foundation) Russia, 6 proposals, remote
40. Oct. 2015. DLR Germany, 5 proposals, remote
41. Sep. 2015. University of Insubria, Italy, 1 proposal, remote
42. Aug. 2015. NCRD, Poland, 3 proposals, remote
43. May 2015. 1 proposal, NSF Russia, remote
44. May 2015. Politecnico di Torino. 1 proposal for "TALENT RESEARCH" (LA RICERCA DEI TALENTI) call, remote
45. May 2015. ERA.NET RUS Plus, 3 proposals (remote)
46. Apr. 2015. 3 proposals National Centre for Research and Development (NCRD) Poland (remote)
47. Feb. 2015. 2 proposals M-ERA.NET (remote)
48. Feb. 2015. 9 proposals H2020 SPIRE Call 2015\_Topic 6, (Appointment letter CT-EX2002B000337-121), remote and Brussels
49. Feb. 2015. Rustaveli Foundation, Georgia, 2 προτάσεις (remote)
50. Dec. 2014. ERA.NET RUS Plus, 3 προτάσεις (remote)
51. Dec. 2014. MIUR (Italian Ministry for Education, University and Research), 1 proposal, remote
52. Nov. 2014. 1 post-doc research proposal, University of Insubria, Italy, remote
53. Nov. 2014. 10 proposals, National Centre of Research and Technology, Kazakhstan, remote
54. Nov. 2014. 2 proposals, Ministry of Research, Montenegro, remote
55. Oct. 2014. 2 proposals (environment), National Centre for Research and Development, Poland, remote
56. Aug. 2014. 1 proposal (environment), Bulgarian Science Fund, remote
57. Apr. 2014. 6 proposals in materials / metallurgy for National Centre for Research and Development, Poland, remote
58. Mar. 2014. M-ERA.NET, 4 proposals in materials, remote
59. Mar. 2014. Romanian Executive Agency for Higher Education, Research, Development and Innovation Funding (www.uefiscdi.gov.ro), 6 environmental proposals, remote

60. Jan. 2014. 2 proposals, Montenegro Ministry of Research, remote
61. Nov. 2013. 7 proposals, Ministry of Education and Science, Russian Federation, remote
62. Oct. 2013. 1 proposal, National Commission for Scientific and Technological Research (CONICYT), Chile, remote
63. Sep. 2013. 2 proposals, Shota Rustaveli National Science Foundation's (SRNSF), Georgia, remote
64. Aug. 2013. 7 bilateral Greek-German proposals in the field of energy, GSRT, remote
65. July 2013. Technical review of a finished FP7 Collaborative project, (Appointment letter CT-EX2002B000337-120), remote
66. May 2013. 3 proposals M-ERA.NET 2012 Call (remote)
67. Apr. 2013. 6 proposals FP7-ENV2013, 6.3.2 (Eco-innovative demonstration projects) 2nd stage, (Appointment letter CT-EX2002B000337-119), remote and Brussels
68. Mar. 2013. 5 proposals in environment/materials for reintegrating scientists, Ministry of Education and Science, Russian Federation
69. Feb. 2013. 6 proposals in materials/metallurgy for the National Centre for Research and Development, Poland
70. Jan. 2013. Technical review of an ongoing FP7 Collaborative project, Appointment letter CT-EX2002B000337-118
71. Nov. 2012. 10 proposals FP7-ENV2013, 6.3.2 (Eco-innovative demonstration projects) one and 2 stage, Appointment letter CT-EX2002B000337-117
72. Oct. 2012. Portuguese Center of Research and Technology (FCT), remote
73. July 2012. National Centre of Research and Technology of Kazakhstan (remote)
74. July 2012. Bilateral proposals Greece-Slovak Republic (remote)
75. 11-15 June 2012. European Commission, Stage 2 proposal evaluation, call "NMP.2012.1.2-1 Nanotechnology solutions for in-situ soil and groundwater remediation", Appointment letter CT-EX2002B000337-116
76. 11 Feb. 2012. Basic research proposals, National Technical University of Athens
77. 1-4 Feb. 2012. Greek Ministry of Education, GSRT, Support of new SMEs in RTD activities
78. 24/11-8/12/11. European Commission, 10 proposals, stage 1 proposal evaluation, "NMP.2012.1.2-1 Nanotechnology solutions for in-situ soil and groundwater remediation", Appointment letter CT-EX2002B000337-115 (remote)
79. Sep. 2011. Science Foundation of Georgia (remote)
80. Sep. 2011. European Commission, Appointment letters CT-EX2002B000337-113 and 114
81. July 2011. Ministry of Education and Science, Russian Federation, proposals for reintegration of Russian scientists
82. 18-20 July 2011. Greek Ministry of Education, GSRT, 36 proposals for supporting research and innovation in SMEs
83. July 2011. Research proposals in materials, Czech Science Foundation (remote)
84. Nov. 2010. Research proposals, National Science Foundation, Arlington, VA, USA (remote)
85. Oct. 2010. Research proposals, Ministry of Education and Science, Russian Federation (remote)
86. Oct. 2010. Research proposals, Ministry of Science and Technological Development, Serbia (remote)
87. 25 Sep. 2010. Basic research proposals, National Technical University Athens
88. 1-3 Sep. 2010. Innovation proposals (32), General Secretariat of Research and Technology, Athens
89. July 2010. Basic research proposal, Czech Science Foundation (remote)
90. 23 Apr. 2010. Heraklitus proposals, Greek Ministry of Education, Athens
91. Mar. 2010. Materials research proposals (1) for the Cyprus Research Promotion Foundation (remote)
92. Mar. 2010. Cooperation proposals (3), General Secretariat of Research and Technology, Athens
93. 3 Feb. 2010. Student training proposals (3), Greek Ministry of Education, Athens
94. Nov. 2009. Environmental research proposals (2) for the Cyprus Research Promotion Foundation
95. 21-23 Sep. 2009 and 5 Jan. 2010. 31 Heraklitus proposals, Greek Ministry of Education, Athens
96. 8 May. 2009. Independent Expert of an ongoing FP6 IP, NMP3-CT-2005-011783 (Appointment Letter CT-EX2002B000337-111)

97. 3 Mar. 2009. Independent Expert of an ongoing FP6 IP, NMP3-CT-2004-500253 (Appointment Letter CT-EX2002B000337-110)
98. 30 June 2008. Environmental research proposals (2) for the Cyprus Research Promotion Foundation, Athens
99. 7 June 2008. Basic research proposals, National Technical University Athens, Greece
100. 6 Mar. 2008. Independent expert of an ongoing FP6 IP, NMP3-CT-2005-011783 (Appointment Letter CT-EX2002B000337-109)
101. 13 Sep. 2007. Environmental research proposals for the Cyprus Research Promotion Foundation, Athens
102. 7 July 2007. Basic research proposals, National Technical University Athens, Greece
103. Apr. 2007. Remote evaluation of SEE ERA- NET proposals through Extranet of European Commission
104. 9 Dec. 2006. Basic research proposals, National Technical University Athens, Greece
105. 28-29 Nov. 2006. Independent expert for a FP6 NoE project on new materials, NMP3-502243, Brussels, (Appointment Letter CT-EX2002B000337-108)
106. 10-13 Oct. 2006. Reviewer of completed INCO projects, Brussels.
107. 11 Sep. and 2 Oct. 2006. Environmental research proposals for the Cyprus Research Promotion Foundation
108. June-July 2006. INTAS research proposals (through EC Extranet)
109. 10-14 Apr. 2006. Proposals between Greek and Non-EU organizations, General Secretariat of Research and Technology, Greece
110. 3-20 Mar. 2006. Remote evaluation of European Commission Leonardo da Vinci proposals
111. 17 Nov. 2005. Independent expert for a FP6 NoE project on new materials, Brussels
112. 13-14 Oct. 2005. Proposals for DG International Cooperation (Call for Proposals "FP6-2004-INCO-MPC-3"), Brussels
113. 10-13 Oct. 2005. Proposals for DG Research (Call for Proposals "FP6-2004-NMP-TI-4"), Brussels
114. Aug. 2005. INTAS research proposals (through EC Extranet)
115. 19 July 2005. Environmental research proposals for the Cyprus Research Promotion Foundation, Athens, Greece
116. Apr.- May 2005. Proposals for the Regional Network of Technology Supply – RENTS of Crete, Tech. University Crete
117. 6-8 Apr. 2005. Reviewer of completed INCO proposals (Appointment Letter CT-EX2002B000337-102), Brussels
118. 5 Apr. 2005. Environmental research proposals for the Cyprus Research Promotion Foundation, Athens, Greece
119. Feb. 2005. Innovation proposals (CRINNO program), Tech. University Crete
120. 14-16 Dec. 2004. Educational proposals, Greek Ministry of Education
121. 22 Nov. 2004. Environmental research proposals for the Cyprus Research Promotion Foundation, Athens, Greece
122. Sep.-Oct. 2004. INTAS research proposals and innovation grants (through EC Extranet)
123. 15 Sep. 2004. Environmental Greek-French bilateral proposals (GSRT)
124. 13 Sep. 2004. Environmental Greek-Slovenia bilateral proposals (GSRT)
125. 29 Mar. 2004. 3 Environmental proposals for the Cyprus Research Promotion Foundation, Athens, Greece.
126. 22 Mar. 2004. 10 materials-environment Greece-Serbia and Montenegro bilateral co-operation proposals, General Secretariat of Research and Technology, Athens, Greece.
127. 14-18 Mar. 2004. Leonardo da Vinci proposals (CONTRACT NUMBER –2004-99999-27), Brussels.
128. 3 Mar. 2004. 6 environmental Greece-Hungary bilateral co-operation proposals, General Secretariat of Research and Technology, Athens.
129. Sep. 2003. INTAS proposal (on-line evaluation through INTAS extranet)
130. 10 – 13 June 2003. FP6 WBC STREPs (Appointment Letter CT-EX2002B000337-101), Brussels.
131. June 2003. 16 research proposals, Greek Ministry of Education, Athens, Greece.
132. 31 Mar. – 5 Apr. 2003. FP6 NMP NoEs (stage 1), Appointment Letter FP6-2002-NPM-1-00042, Brussels.
133. 13 May 2002: 4 environmental research proposals for the Cyprus Research Promotion Foundation, Athens, Greece.
134. May 2002. Greek proposals for post-graduate research, Greek Ministry of Education, Greece.

135. 2-6 July 2001: FP5 proposals (Contract Letter IEA2-CT2001-0013), Brussels.
136. 6 Mar. 2001. 4 environmental research proposals for the Cyprus Research Promotion Foundation, Athens, Greece.
137. 17-19 May 2000: FP5 proposals (Contract Letter IEA2-CT2000-00003), Brussels.
138. 4-15 Oct. 1999: FP5 proposals (Contract Letter ERBIEA2CT995033), Brussels.
139. Mar. 1994. Greek research proposals, Greek Secretariat of Research and Technology (GSRT)

#### **Conference co-chair**

1. ILR-SUD 2010 – Co-organiser, 2<sup>nd</sup> International Conference on Indicators for Land Rehabilitation and Sustainable Development, 18-19 Sep. 2010, Beijing, China, <http://www.iccta.cn/ilrsud/en/index.html>
2. Co-chair “3<sup>rd</sup> International Conference on Advances in Mineral Resources Management and Environmental Geotechnology”, 7-9 Sep. 2009, Athens, Greece, <http://heliotopos.conferences.gr/amireq2009>
3. ILR-SUD 2008 – Co-organiser, 1<sup>st</sup> International Conference on Indicators for Land Rehabilitation and Sustainable Development, 20-21 Oct. 2008, Beijing, China, <http://www.ilr-sud.cn/cicta/ilr-sud/en/index.html>
4. Co-chair “2<sup>nd</sup> International Conference on Advances in Mineral Resources Management and Environmental Geotechnology”, 25-27 Sep. 2006, Chania, Crete, Greece, <http://heliotopos.conferences.gr/amireq2006>
5. Co-chair Geoenvironmental and Geotechnics Workshop, 12-14 Sep. 2005, Milos, Greece, <http://milos.conferences.gr/index.php?id=1751>
6. Co-chair of the “1<sup>st</sup> International Conference on Advances in Mineral Resources Management and Environmental Geotechnology”, 7-9 June 2004, Chania, Crete, Greece, <http://heliotopos.conferences.gr/amireq2004>

#### **Member in conference scientific committees**

1. 6<sup>th</sup> International Symposium on Green Chemistry, Sustainable Development and Circular Economy (Greenchem6), 20-23 September, 2020, Thessaloniki, Greece, <http://greenchem5.civil.auth.gr/>
2. Crete 2020 - 7<sup>th</sup> International Conference on Industrial and Hazardous Waste Management ", Chania, 15-18 Sep. 2020, <http://www.hwm-conferences.tuc.gr/>
3. Open Earth Conference, 12-14 Feb 2020, Thessaloniki
4. 6th International Slag Valorisation Symposium, Mechelen, Belgium, 1-5 April 2019, <http://slag-valorisation-symposium.eu/>
5. The Tenth International IWA Symposium on “Waste Management Problems in Agro-Industries- AGRO’2019” in 19-21 June 2019 in Rhodes, <http://agro2019.itu.edu.tr/>
6. Crete 2018 - 6<sup>th</sup> International Conference on Industrial and Hazardous Waste Management ", Chania, 4-7 Sep. 2018, <http://www.hwm-conferences.tuc.gr/>
7. 5th International Conference on Small and Decentralized Water and Wastewater Treatment Plants, Aug. 26 to 29, 2018, Thessaloniki, Greece <http://swat5.web.auth.gr/>
8. Co-organizer of the "SYMPOSIUM T3S3: Geopolymers, Inorganic Polymer Ceramics and Sustainable Composites", 12th International Conference on Ceramic Materials and Components for Energy and Environmental Applications (CMCEE), Singapore, 22-27 July 2018, <http://www.cmcee2018.org/>, [http://docs.wixstatic.com/ugd/b5356f\\_e3513db015884deb844e4d705f42f8b9.pdf](http://docs.wixstatic.com/ugd/b5356f_e3513db015884deb844e4d705f42f8b9.pdf)
9. International Conference on Alkali Activated Materials and Geopolymers: Versatile Materials Offering High Performance and Low Emissions, May 27-June 1, 2018, Tomar, Portugal, <http://www.engconf.org/conferences/materials-science-including-nanotechnology/geopolymers-ii-versatile-materials-offering-high-performance-and-low-emissions/#header1>
10. Member of International Advisory Panel – 1<sup>st</sup> International Conference “Mining in Europe”, Aachen, 18-19 May 2016, <http://www.aims.rwth-aachen.de/>
11. 5<sup>th</sup> International Conference on Industrial and Hazardous Waste Management - Crete 2016, Chania, 27-30 Sep. 2016, <http://www.hwm-conferences.tuc.gr/>
12. Bauxite Residue Valorisation and Best Practices Conference, Leuven, 5-7 Oct. 2015, <http://conference2015.redmud.org/>
13. 4<sup>th</sup> Conference «Green Chemistry and Sustainable Development» Ioannina, 30 Oct.-1 Nov. 2014.
14. 4<sup>th</sup> International Symposium on Green Chemistry for Environment, Health and Development, Sep. 24-26, 2014, Kos island, Greece, <http://www.greenchem4.prd.uth.gr/>
15. International Mineral Processing Congress (IMPC) 2014, 20-24 Oct. 2014, Santiago, Chile, <http://www.impc2014.org/2014/>

16. IWA Regional Symposium on Water, Wastewater & Environment: Traditions & Culture, under the Aegis of UNESCO, 22-24 March 2014, Patras, <http://wwetc2014.env.uwg.gr/wms/>
17. 6<sup>th</sup> International Conference "Sustainable Development in the Minerals Industry (SDIMI 13)", 30 June-2 July 2013, Milos, Greece, <http://sdimi2013.conferences.gr/sdimi2013-home.html>
18. 13<sup>th</sup> International Conference of the Geological Society of Greece, 5-8 Sep. 2013, Chania, <http://www.ege13.gr/>
19. International Symposium "Olive oil mill wastes and environmental protection", 16-18 Oct. 2012, Chania, Crete, <http://www.prosodol.gr/Crete2012/?q=node/5>
20. 3<sup>rd</sup> International Symposium on Green Chemistry for Environment and Health, Skiathos, Oct. 3-5, 2012, <http://www.greenchem3.prd.uth.gr/>
21. 2<sup>nd</sup> International Symposium on Green Chemistry for Environment and Health, Mykonos, Sep. 27-29, 2010, <http://www.greenchem2.prd.uth.gr/organization.html>
22. INGESUB 2008. Member of the Scientific Committee, International Conference on Subsoil Research, Oviedo, Spain, 10-11 Nov. 2008.
23. Scientific Committee of International Workshop on Geoenvironment and Geotechnics, 8-9 Sep. 2008, Milos, Greece, <http://milos.conferences.gr/geoenv2008>
24. Scientific Committee of 3<sup>rd</sup> International Conference on Sustainable Development Indicators in the Mineral Industries (SDIMI), June 17-20, 2007, Milos, <http://milos.conferences.gr/sdimi2007>
25. Scientific Committee of TMS Fall 2006 Extraction & Processing Meeting: Sohn International Symposium, 27-31 Aug. 2006, San Diego, California. <http://www.tms.org/Meetings/Specialty/FallExt2006/FallExt2006-organizingcommittee.html>
26. Scientific Committee of Mine Water Association Congress 2005 (IMWA '05), 5-8 Sep. 2005, Oviedo, Spain, <http://www.imwa.info/>
27. Scientific Committee of 5<sup>th</sup> Conference "Integrated Management of Water Resources organized by the Greek committee for management of water resources, Xanthi, Greece, 6-9 April 2005, <http://www.waterinfo.gr/>
28. Organizing Committee of 15<sup>th</sup> International Biohydrometallurgy Symposium, IBS, 14-19 Sep. 2003, Athens, <http://www.nereusgroup.gr/congress/ibs2003/>.
29. Scientific committee of International Workshop Sustainable Development Indicators in the Mineral Industries (SDIMI), 21-23 May 2003, Milos island, Greece, <http://www.heliotopos.net/conf/sdimi2003/index.htm>

## 5. TUTORIALS

### Post-graduate courses

#### ***Technical University Crete (TUC), School Mineral Resources Eng.***

1. Sep. 2014-Feb. 2015. ERASMUS MUNDUS PROGRAM, International Master in Advanced Clay Science (IMACS), course: Geomaterials and Civil Engineering - Assessment and Processing
2. Sustainable development in the mining and metallurgical industry (2003-today)
3. Technologies for decontamination of soils, solid- and liquid wastes (2003-today)
4. Physico-chemical processes (2003-2006)

#### ***Greek Open University***

1. Hazardous Waste Management (2007- today). Involves Management of Municipal, Industrial and Agricultural wastes

#### ***National Technical University of Athens (NTUA), School of Mining and Metallurgical Eng.***

1. Soil decontamination technologies (1998-2002)
2. Refractory materials (1986-1988)

### Graduate courses

#### ***Technical University Crete (TUC), School Mineral Resources Eng.***

1. Industrial ecology (Sep. 2015-)
2. Ore beneficiation (Feb. 2015-)



3. Particle Engineering (Sep. 2014-2016)
4. Metallurgical processes. Production of metals and Ceramics (2004-)
5. Technologies for pollution prevention and control and environmental rehabilitation (2000-2015)
6. Applied geostatistics (2001-2002)

**National Technical University of Athens (NTUA), School of Mining and Metallurgical Eng.**

7. Off gases treatment technologies (2000-2002)
8. Metallurgy of non-ferrous metals (2000-2001)
9. Iron and Steel Metallurgy (2000-2002)

## 6. SCIENTIFIC PUBLICATIONS

### **Books – Chapter in Books**

1. Doula, M.K., Moreno-Ortego, J.L., Tinivella, F., Inglezakis, V., Sarris, A., **Komnitsas, K.** 2017. Olive Mill Waste: Recent Advances for the Sustainable Management of Olive Oil Industry (ch. 2), in Olive mill waste: recent advances for sustainable management, ed. Ch. Galanakis, ISBN: 9780128053140, p. 29-56.
2. Kamenopoulos, S.N., Agioutantis, Z., **Komnitsas, K.** 2015. A framework for sustainable mining of REEs, in Rear Earths Industry: Technological, Economic, and Environmental Implications, Chapter 7, (eds. Prof. W. Leal, Dr. I. Lima), ISBN-9780128023280, pp. 111-120.
3. **Komnitsas, K.**, Xenidis, A., Papassiopi, N., Angelakis, A. 2014. Evolution of Water and Industrial Wastewater Management in Lavrion, Ch. 25, p.481-492, in *Evolution of Sanitation and Wastewater Technologies Through the Centuries*, eds. A.N. Angelakis, J.B. Rose, IWA Publishing, ISBN: 9781780404844
4. Doula, M.K., Tinivella, F., Sarris, A., Kavvadias, V., Moreno Ortego, J., **Komnitsas, K.** 2014. Agricultural wastes: protecting soil quality by sustainable disposal and reuse in agriculture, book chapter in Sustainability behind Sustainability (ed. A. Zorpas), Nova Publishers, New York, ISBN:978-1-63321-595-5 (e-Book) p. 243-274.
5. **Komnitsas, K.**, Xenidis, A., Papassiopi, N., Angelakis, A. (2014). Evolution of Water and Industrial Wastewater Management in Lavrion, Ch. 25, in *Evolution of Sanitation and Wastewater Technologies Through the Centuries*, eds. A.N. Angelakis, J.B. Rose, IWA Publishing, ISBN: 9781780404844
6. Kavvadias, V., Doula, M., **Komnitsas, K.** (2011). Long term effects of olive mill wastes disposal on soil fertility and productivity. In: Hazardous Materials: Types, Risks and Control (Editors: Satinder Kaor Brar), 2011 Nova Science Publishers, Inc., ISBN: 978-1-61324-425-8.
7. Modis, K., **Komnitsas, K.** (2011). How Many Data Are Enough? Estimation of an Optimum Sampling Density in Mining and Environmental Applications, in Mine Drainage and Related Problems (ed. B.C. Robinson), Nova Publishers. ISBN: 978-1-61668-643-7
8. **Komnitsas, K.**, Zaharaki, D. (2009). Utilisation of low-calcium slags to improve the strength and durability of geopolymers (Chapter 16), in Geopolymers: structure, processing, properties and industrial applications, (eds. J. L. Provis & J.S.J. van Deventer), Woodehead Publishing Ltd, UK, ISBN 978 1 84569 449 4.
9. **Komnitsas, K.** (2003). Management of radioactive wastes (Chapter 5), Rehabilitation of soils contaminated from disposal of hazardous wastes (Chapter 6), Prevention of contamination at waste disposal sites (Chapter 7), Sampling and characterization of hazardous wastes (Chapter 8), Selection and cost estimation of integrated waste management technologies (Chapter 9), pp. 93-321, in *Hazardous Wastes*, Vol. 2, Hellenic Open University, 2003, ISBN: 960-538-372-1.
10. **Komnitsas, K.** (2003). Liquid effluents of the mining-metallurgical industry (Chapter 11, p.p. 177-234), in *Industrial Liquid Effluents*, vol. 2, Hellenic Open University, 2003, ISBN: 960-538-370-5.
11. **Komnitsas, K.** (2003). Demolition wastes (Chapter 8), Solid mining and metallurgical wastes (Chapter 9), pp. 181-214, in *Municipal and other non hazardous wastes*, vol. 1, Hellenic Open University, 2003, ISBN: 960-538-371-3.
12. **Komnitsas, K.**, Belavilas, N., Polyzos, I. (2001). Clean up and remediation of sites affected by mining and processing activities, Chapter 1, pp. 15-64, in Bioclimatic Planning of Cities and Buildings, Vol. 2, Hellenic Open University, 2001, ISBN: 960-538-383-7.

### **Diploma Thesis**

- **Komnitsas, K.:** Kinetic study of sulphuric acid laterite leaching in ambient conditions, NTUA, 1983 (in Greek).

**PhD thesis**

- **Komnitsas, K.:** Sulphuric acid pressure leaching of Greek laterites. Process simulation, NTUA, 1988 (in Greek-English summary).

**Refereed publications in journals**

1. Kontopoulos A., **K. Komnitsas**. Sulphuric acid pressure leaching of Greek laterites, *Mineral Wealth*, 45(1986), 81-90 (in Greek, English summary).
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4. **Komnitsas K.**, F.D. Pooley. Mineralogical characteristics and treatment of refractory gold ores. *Minerals Engineering*, 2(4), 1989, 449-457, [http://dx.doi.org/10.1016/0892-6875\(89\)90080-0](http://dx.doi.org/10.1016/0892-6875(89)90080-0)
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Citations: 2552 (Scopus, 108 papers), 2154 (Web of Science, 85 papers), 3613 (Google Scholar)

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### ***Refereed publications in International Conferences***

Over 150

## **7. IMPLEMENTATION OF RESEARCH PROJECTS**

### **Completed**

1. *Jan.-Oct. '85*: Leaching and flotation of magnesite ores, funded by FIMISCO S.A., Greece, principal researcher, supervised by late Prof. A. Kontopoulos (NTUA).
2. *Oct. '85-Feb. '87*: Present status and development prospects of the Greek metallurgical industry during 1985-1995, funded by the Greek General Secretariat of Research and Technology (GSRT), member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
3. *Oct. '86-Aug. '88*: Development of an industrial method for sulphuric laterites leaching, funded by the GSRT, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
4. *Sep. '87-Aug. '88*: Recovery of magnesium from flotation tailings, funded by ELEVME, Greece, principal researcher, supervised by late Prof. A. Kontopoulos (NTUA).
5. *Jan.-Aug. '88*: Strength of iron ores at low temperatures, funded by Parnassos Bauxites S.A, Greece, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
6. *May-Dec. '90*: Bacterial leaching of zinc flotation tailings, funded by HZL, India, principal researcher, supervised by Prof. F.D. Pooley (University of Wales, College Cardiff, U.K).
7. *May-Dec. '90*: Recovery of metals from flotation tailings, funded by SOMINCOR Portugal, principal researcher, supervised by Prof. F.D. Pooley (University of Wales, College Cardiff, U.K).
8. *Jan. '93-June '95*: Optimization of bacterial leaching for the treatment of refractory arseniferous gold ores, funded by EC, Contract No MA2M-CT90-0055, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
9. *Jan. '93-Feb. '94*: Modern technologies for the production of secondary lead from used batteries, funded by GSRT, Contract No 90 BE 63, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
10. *Aug. '93-Jan. '96*: Bioremediation of sites affected by acid mine drainage by accelerated bioleaching of mine wastes, funded by EC, Contract No EV5V-CT93-0248, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
11. *Nov. '93-Oct. '95*: Kinetic study of pressure laterite leaching and determination of precipitated compounds, funded by GSRT, PAVE program, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
12. *Sep. '92-Aug. '97*: Environmental management in the mining and metallurgical industry, 2 consecutive TEMPUS projects, Contract Nos, JEP-03657-92 και JEP-03657-BG95, funded by Tempus Office, member of a team, supervised by late Prof. A. Kontopoulos (NTUA).
13. *Apr.-June '95*: Remediation actions at Lavrion Technological Park (ex lead smelter), Greece, funded by NTUA, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
14. *July '95-Feb. '96*: Lavrion slags toxicity – potential use for the extension of Lavrion harbour, funded by Alfa Techniki S.A, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).

15. *Nov. '95-Apr. '96*: Environmental Assessment at Lavrion Technological Park, funded by Greek Structural Fund, member of a research team, supervised by Prof. K. Kassios (NTUA).
16. *Dec. '95- Nov. '96*: Rehabilitation of a tailings dam at Lavrion Technological Park, funded Greek Structural Fund, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
17. *Feb. '97-July'99*: Pollution at Black Sea coastal areas due to mining activities. Pilot scale rehabilitation actions, funded by EC, Contract No IC15-CT96-0114, member of a research team, supervised by late Prof. A. Kontopoulos (NTUA).
18. *Apr. '97-June'99*: Prevention of acide mine drainage generation at Lavrion by wet-dry covers, funded by GSRT, PENED program, Contract No 95 ED 917, member of a research team, supervised by late Prof. A. Kontopoulos – Prof. I. Halikia (NTUA).
19. *June '97-May '98*: Risk assessment at lignite mines, funded by the Greek Power Corporation (DEH), member of a research team, supervised by Prof. K. Kassios (NTUA).
20. *Sep. '98-Aug.2000*: Study and application of remediation technologies for mitigation of pollution emanating from uranium wastes in Romania, funded by GSRT, Greek-Romania bilateral cooperation program, principal researcher, supervised by Prof. I. Halikia (NTUA).
21. *Jan. '98-Dec. '99*: Pollution prevention and rehabilitation techniques at mining areas, funded by the Greek Ministry of labour, ADAPT program, member of a research team, supervised by Prof. K. Kassios (NTUA).
22. *Oct. '99-Mar. '01*: Optimized system for waste management at a lead smelter, funded by GSRT, program EPET II, principal researcher, supervised by Prof. I. Paspaliaris (NTUA).
23. *Oct.99-Dec. 2000*: Integrated soil rehabilitation at Lavrion Technological Park, funded by Greek Structural Fund, member of a research team, supervised by Prof. P. Neou (NTUA).
24. *Sep. '00-Dec. '03*: Environmental management of hazardous mining wastes and effluents (Enviman), funded by EC, Copernicus II project, Contract No ICA2-CT-2000-10010, principal researcher, supervised by Prof. I. Paspaliaris (NTUA).
25. *Mar.'00–Feb.'03*. Life cycle assessment of mining and metallurgical projects (Licymin). Funded by EC, Growth Program, Contract No G1RD-CT2000-00162, member of a research team, supervised by Prof. I. Paspaliaris (NTUA).
26. *Oct. 2003- May 2005*. Prevention of groundwater pollution from effluents produced by mining and metallurgical activities with the use of permeable reactive barriers, Funded by: "Alexander S. Onassis" Foundation, Scientific Coordinator TUC.
27. *Aug '04–Jul. '07*. Integrated treatment of industrial wastes towards prevention of regional water resources contamination (INTREAT), INCO C.1 Environment STREP, funded by the EC, budget TUC 170,000 €, scientific co-ordinator TUC, Webpage: <http://www.labmet.ntua.gr/intreat/>
28. *Sep '04 – Aug '06*. Integrated industrial solid waste management in Albania (INSWAM – AL), INCO C.1 Environment, SSA, funded by the EC, budget TUC 70,000 €, scientific co-ordinator TUC, Webpage: <http://www.mred.tuc.gr/projects/inswab/index.htm>
29. *Mar.'04 - Aug.'06*. Innovative technologies for the management of hazardous mining wastes towards prevention of groundwater contamination, funded by the Greek Ministry of Education, PYTHAGORAS program, budget 50,000 €, scientific coordinator TUC.
30. *Sep. '05 – Aug. '07*. Management and remediation of hazardous industrial wastes in the Western Balkan Countries (INDUWASTE). INCO C.1 Environment, SSA, funded by the EC, budget TUC 40,000 €, webpage: <http://www.ibes.be/induwaste/>, scientific coordinator TUC
31. *Apr. '06 – Dec. '06*. Risk assessment study at the Somika plant, Katanga province, Kongo, Contrat No 48/Copirep/SE/03/2006, funded by COPIREP, budget TUC 30,000 €, consultancy (coordinator IBES, BE).
32. *Jan. '06 – Dec. '07*. Strategic plan for prevention of regional water resources contamination from mining and metallurgical activities in Western Balkan Area (PREWARC), INCO C.1 Environment, SSA, funded by the EC, budget TUC 25,000 €, scientific co-ordinator TUC, webpage: <http://www.labmet.ntua.gr/prewarc/index.htm>
33. *Jan. '06 – Dec. '07*. Integrated system for the rehabilitation of contaminated areas in waste disposal sites with the use of innovative technologies, Bilateral Sino-Greek cooperation project, funded by the Greek General Secretariat of Research and Technology, budget TUC 11,150 €, scientific co-ordinator TUC, <http://www.mred.tuc.gr/projects/GR-China/index.htm>
34. *Oct. '06. - Sep. '07*. Elucidation of inorganic polymers synthesis mechanisms, funded by the Research Committee of Technical University Crete, basic research project, scientific coordinator.
35. *June '06 – May '08*. Optimization of the permeable reactive barriers performance for the decontamination of leachates and groundwater, bilateral Greek-Canada cooperation project, funded by the Greek General Secretariat of Research and Technology, budget TUC 40,000 €, scientific co-ordinator TUC, <http://www.mred.tuc.gr/p042.htm>



36. Oct. '07 – Sep. '08. Elucidation of manganese removal mechanisms from metallurgical process solutions and leachates generated at waste disposal sites, funded by the Research Committee of Technical University Crete, basic research project, scientific coordinator, <http://www.mred.tuc.gr/projects/GeoImmob/GeoImmob.html>
37. Jan. 08 – Dec. 10: Consultancy services for the development of an ISO 14001 Environmental Management System at LARCO S.A, funded by Speed Ltd, consultancy
38. Oct. '08 – Sep. '10. Elucidation of heavy metal immobilisation mechanisms in inorganic polymers synthesized from electric arc ferronickel slag funded by the Research Committee of Technical University Crete, basic research project, scientific coordinator.
39. Jan. 2009 – Dec. 2012. Strategies to improve and protect soil quality from the disposal of olive oil mills' wastes in the Mediterranean region, Life+ project (PROSODOL), funded by the European Commission, Budget TUC 312,493 €, scientific coordinator, <http://www.prosodol.gr/>
40. July 2011-July 2012. Strategic study for the development of good practices towards the improvement of working environment in Greek Enterprises, participants: Technical University Crete, Eco- Efficiency Consulting and Engineering Ltd, Athanassakis – Bogris Co., Funded by STEGI of Hellenic Federation of Enterprises, Budget TUC: 45,000 €.
41. July 2011-June 2013. Treatment of Acid Mine Drainage Using Permeable Reactive Barriers (In-Situ Treatment) and Anaerobic Baffled Reactors (Ex-Situ Treatment), bilateral cooperation Greece-Turkey, cooperation with Harran University, funding by General Secretariat of Research and Technology, scientific coordinator TUC, <http://www.tuc.gr/treatamd.html>
42. Jan. 2012 – June 2015. Development of an integrated methodology for the management, treatment and valorisation of hazardous waste (WasteVal), Thalís project. Partners: Laboratory of Metallurgy (NTUA), Laboratory of Electron Microscopy, Department of Physics (AUTH), General and Inorganic Chemical Technology, Department of Chemistry (AUTH), Research Unit of Mining / Metallurgical Waste Management and Rehabilitation of Contaminated Soils (TUC), Budget: 521,000€, funded by the Greek Ministry of Education, <http://excellence.minedu.gov.gr/thalis/en/thalisprojects/420>
43. Jan. 2013 – June 2015. Recycling of quarry dust and construction and demolition wastes for the production of novel ecological building elements, Cooperation Project, Participants: Research unit of Quality Control-Health and Safety in Minerals Industry (TUC, coordinator), Research unit of Management of mining / metallurgical wastes and rehabilitation of contaminated soils (MWSR), Technobeton S.A, Finobeton S.A, funded funded by General Secretariat of Research and Technology, Project budget: 504,250 €, MWSR TUC budget: 102.500 €, <http://www.durecobel.gr/>
44. Jan. 2013- June 2015. Development of Mathematical Predictive Model coupled with Neural Network smoothing algorithms to Optimize Operating Conditions and Improve Energy Efficiency of Rotary Kiln and Electric Arc Furnaces in Ferronickel Production Plants (MANNFENI), Cooperation Project, Participants: NTUA (Lab. of Metallurgy, coordinator), TUC, LARCO (FeNi plant), ELKEME, TEC, funded by General Secretariat of Research and Technology, Project budget: 821,421 €, TUC budget: 69.100 €
45. Sept. 2011-Aug. 2015. Best practices for agricultural WASTEs (AW) treatment and REUSE in the Mediterranean countries, LIFE+ Environment Policy and Governance 2010, Participants: TUC, Centro de Edafología y Biología Aplicada del Segura, Consejo Superior de Investigaciones Científicas (CEBAS-CSIC) (Spain), Regional Center for Agricultural Experimentation and Assistance (CERSAA) (Italy), Chemical Laboratory of the Chamber of Commerce of Savona (Laboratorio Chimico CCIAA) (Italy), SIGNOSIS SPRL. (SIGNOSIS), (Belgium), funded by EC, Total project budget 1,384,799 €, TUC budget: 277.088 €, TUC coordinator, [www.wastereuse.eu](http://www.wastereuse.eu)
46. July 2014-June 2016. Development of functional geopolymer – based construction materials for passive cooling of buildings, funded by Salman Bin Abdul-Aziz University, Saudi Arabia, Prof. Komnitsas acts as external expert, budget TUC 8,000 €
47. Oct. 2012 – Sep. 2017. Sustainable strategies for the improvement of seriously degraded agricultural areas: The example of Pistachia vera L. LIFE+ Environment Policy and Governance 2011, Participants: TUC, Hellenic Agricultural Organization "ELGO-DEMETER"-Soil Science Institute of Athens (coordinator), Institute of Mediterranean Studies Foundation for Research and Technology, funded by EC, Total project budget 1,026,509 €, TUC budget: 175,233 €, <http://www.agrostrat.gr/>

### Running

48. Feb. 2016-Jan. 2020. Metal Recovery from Low Grade Ores and Wastes (Metgrow+), Research and Innovation Action (RIA), H2020 project, funded by the European Commission, 19 participants, coordinator VTT Finland, budget TUC: 437,125 €, <http://metgrowplus.eu/>
49. Nov. 2017 – Oct. 2019. ENgineering and Industry Innovative Training for Engineers, Erasmus+ programme, AGREEMENT NUMBER – 2017-1-CY01-KA202-026728, partners, Technological University Cyprus (coord.), TUC, AALBORG UNIVERSITET, GRANTXPRT CONSULTING LIMITED, CUBEIE L.L.C., LONDON SOUTH BANK UNIVERSITY LBG, Useful Simple Projects Limited, budget 219,655 €, budget TUC 32,086 €, <https://www.enginite.eu/>

50. Jan. 2018 – Nov. 2020. INVALOR: Research Infrastructure for the Valorization of Wastes and Sustainable Management of Resources, partners: University Patras (coord.), AUTH, AUA, DUTH, Forth Institute of Chemical Engineering Sciences, TUC, funded by the Greek Minister of Economy and Development, budget TUC 700,000 €, <http://www.invalor.org/el/home-gr/>
51. July 2018 – Dec. 2022. Innovative technologies for climate change mitigation by Mediterranean agricultural sector, LIFE17 CCM/GR/000087 (ClimaMed), partners: Benaki Phytopathological Institute (coord.), Centro di Sperimentazione e Assistenza Agricola (IT), ENVITECH (CY), Foundation for Research and Technology Hellas, Green Projects SA, Ministry of Rural Development and Food, Universidad Miguel Hernández de Elche (ES), total project budget 2,859,783 Euro €, TUC budget: 151.111 €, <https://life-climamed.eu/>
52. Sep. 2019-Jan. 2023. Value chains for disruptive transformation of urban biowaste into biobased products in the city context (WaysTUP!), H2020, CE-SFS-25-2018, Innovation action, coordinator SOCIEDAD ANONIMA AGRICULTORES DE LAVEGA DE VALENCIA, budget 11,670,317 €, TUC budget 425,625 € (deputy coordinator TUC)