

CURRICULUM VITAE

Family name: ZABANIOTOU

First names: Anastasia

Date of birth: 30-01-1956

Nationality / ID: Greek/AM0437454

Education: PhD

Short CV

I am full professor at the Department of Chemical Engineering at the Engineering School of Aristotle University of Thessaloniki, Greece. I did my master's and PhD in Paris, at the Ecole CentraleSupélec, Paris, France.

I am the President of the Mediterranean Engineering Schools Network (RMEI) for Sustainable Development based at Ecole Centrale de Marseille and I represent the Aristotle University of Thessaloniki at the T.I.M.E Network based at the Ecole CentraleSupélec, Paris, France.

I have been working at the European Commission in Brussels, in the Directorate-General for Research and Technological Development (R&TD) and continue to collaborate as an expert for the evaluation of programs and projects. I work as an evaluator with many international institutions and ministries. I also participated in panels for the evaluation of European Universities (2019-2020).

I was a Visiting Researcher/ professor at many universities: Université Libre de Bruxelles (ULB), Brussels, Belgium; KTH in Stockholm Sweden; Tsinghua University Beijing, China; Federico Santa Maria Technical University in Valparaiso, Chile; Federal University of Rio de Janeiro in Brazil; Stony Brook, New York University USA; Foggia University, Italy.

I was invited as Distinguished Professor (Honorary Professor) at the Ecole Centrale Marseille, France and the University of Hull, England. I also visited 55 Universities worldwide (Europe, America, Asia, Africa, Latin America, and the United Arab Emirates) for collaborations and conferences.

I was member of the committee for the International Cooperation of the Aristotle University and concluded many international bilateral collaborations with international universities for the benefit of Aristotle University and its students.

I am a member of the Gender Equality Committee of the Aristotle University of Thessaloniki that developed the Gender Equality Plan (GEP), founder member of the 'Gender Equality and Sustainable Development' committee at the Engineering School of the Aristotle University of Thessaloniki and Gender Equality Leader at the Mediterranean Engineering Schools Network (RMEI).

I chair biomass and bioenergy at the International Renewable Energy Network and Conference (WREN / WREC) and I am a founder member of the Chinese Bioenergy and Environment Network (BEE-RCN).

My research and innovation activities are on the development of technologies for the utilization of renewable and recyclable materials in the context of the Circular Economy and sustainability with focus on bioenergy. I work with interdisciplinary groups for Education, Sustainability and Resilience to the Risks of Climate Change, Gender Equality in Sustainable Development. I am involved in activities related to Science and Society, International Engineering Education, bringing science, technology, society, art and sustainability by organizing respective student groups and conferences. In teaching, I use new methods of learning with hands-on projects, teamwork and evaluation, and interdisciplinarity.

I coordinated/participated around 38 R&I project (public and private), and European projects. I has published 175 scientific papers in international peer-review journals and presented at about 300 conferences.

My research work has an international impact and has received **13285 citations, h-index = 53** (Google Scholar).

For the years 2019, 2020, 2021 and 2020, I was included in **2% TOP** most cited scientists worldwide ("*Data for updated science-wide author databases of standardized citation indicators 2020*", according to the list published by Stanford University).

For 2021- 2022, I am the 1st cited professor at the Engineering School of Aristotle University, Greece.

For the years 2019 and 2020 I also included in the list of the **100 TOP** faculty of the Aristotle University.

In August 2018, I was honored, by the New York-based WORLD ENERGY FORUM (WEF), to be a VIP KEYNOTE SPEAKER at the 2018 Inner Mongolia World Energy Conference, in China.

In 2018, I awarded in London for my scientific contribution and pioneering in bioenergy research, by the International Renewable Energy Network (WREN / WREC).

In 2019, I awarded by the Aristotle University for my international recognition and collaborations that contributed to the internationalization of the Aristotle University.

I participated as a faculty member in many winter and summer schools in Germany, Greece, Holland, France and in the Winter School 2020 in Yangon, Myanmar.

I collaborate with the SDSN (Sustainable Development Solutions Network) led by Jeffrey Sachs, prof from Columbia University and organized two International Conferences in Greece on Circular Economy, Sustainability and Sustainable Solutions (2016, 2022).

Scientific Records (scholar Scopus):

All Citations 13285

h-index 53

Awards

2019, 2020, 2021

Included in the 2%TOP list of worldwide most cited scientists. Recognition as one of the most internationally recognised professors from Aristotle University of Thessaloniki, according to updated science-wide author databases of standardized citation indicators 2020 published by Stanford University USA

2020 President elect of the Mediterranean Network of Engineering Schools (RMEI), with chair in France.

2018 AWARD FOR MY INTERNATIONAL RECOGNITION AND COLLABORATION, by the Rector of Aristotle University

2009 Invited distinguished professor at Hull University, UK

2018 Invited distinguished professor at Ecole Centrale Marseille, France

2018 VIP Keynote speaker at the Inner Mongolia International Conference of Energy, invited by the World Energy Forum (WEF)

2018 Awarded for pioneering in Bioenergy, by the international network for Renewables Energy (WREN), Kingston UK

2016 Awarded for the supervision of the Best PhD study at the Engineering Faculty of Aristotle University

2014 Awarded for the BEST LIFE+ EUROPEAN PROJECT, by EC LIFE+ Unit, European Commission

2013 Awarded for Innovation in research, by EURO BANK, Greece.

2012-2013 Grant for INNOVATION in Energy from Biomass, by the Research Committee, Aristotle University

2011 COUPONS for INNOVATION by Greek Ministry of Industry

2011-2012 Grant for EXCELLENCE in research, by the Foundation of Greek State Scholarships (IKY)

2011 Grant for Innovation, by the Research Committee of AUTH

2009-2010 Award for EXCELLENCE in research, by the Research Committee of AUTH

2007-2008 Award for EXCELLENCE in research, by the Research Committee of AUTH

Invited keynote talks

1. **Academy of Athens, GREECE, 6 July 2022.** *Transformative Learning and Regenerative Designing for a Sustainable Future*
2. **GLOBAL LIVE MED, FLUX LAB and SWISS EMBASSY, Athens, GREECE, 8 October 2022.** *SDG 17: The Mediterranean vs Cooperation for the SD Goals*
3. **Brighton UK, 22 May 2022.** *The Importance of (Sustainable) Biomass Applications*

4. **University of Cairo, EGYPT, 27 November 2021.** *Gender Equality Strategies and Sustainability at the post-Covid19 time.*
5. **UNION for MEDITERRANEAN, Workshop on blue jobs and cross-cutting skills for young professionals and graduates of the Med Countries, Marseille, FRANCE, 14 - 15 April 2021.** *The role of RMEI in Sustainable Development Goals (online)*
6. **Portuguese Presidency of the Council of the European Union, Conference on CIRCULAR ECONOMY, Lisbon, PORTUGAL, 21 April 2021.** *Europe: a Knowledge and Science Bridge Towards a Global Circular Economy. (online)*
7. **The Association of Jordanian Women Academics in Cooperation with the University of Jordan, First International Conference: Women in Academia Amman/ JORDAN, 20-21 January 2021.** *EU Gender Equality for Academia and the role of Mediterranean Engineering Schools Network (online)*
8. **THE OPEN UNIVERSITY OF SRI LANKA (OURS 2021), SRI LANKA, 16 September 2021.** *Post pandemic higher educational experience and Gender (in)equality(online).*
9. **Plantation for agriculture consultancy, Doha, QATAR, 22& 23 January 2020.** *Waste to Energy and Biochar technological pathways*
10. **UNIVERSITY OF LIFE AND PEACE, Yangon, MAYNMAR 8-18 January 2020.** **How to Organize Interdisciplinarity as a Productive Tool for Ecological Change?**
11. **Colombo, SRI LANKA, 29 October 2019.** *The role of Biomass, Bioenergy, and Biorefining in a Sustainable Circular Economy.* International Conference, Green Colombo.
12. **Hull University, UK, 9 July 2019.** *Biomass and Waste to Energy in the context of Sustainability and Circular Economy-Latest advancements, innovations, and strategic objectives,*
13. **Brighton, UK, 2 July 2019.** **RENEWABLE ENERGY and CLIMATE CHANGE, WREN/WREC/ISESCO.** *Biomass and Waste to Energy in the context of Sustainability*
14. **Roma, 27 June 2019. Rome, ITALY.** *Disaster Risk Reduction & Gender inequalities. VII MICHELANGELO WORKSHOP-RISKS & RESILIENCE in NETWORKS and GENDER INEQUALITIES.*
15. **University of Ajman, UAE, 12 March 2019.** *Climate Change and Sustainable Development*
16. **1st ACT International Synergy Conference, Brussels, BELGIUM, 25th February 2019.** *Communities of Practice for Accelerating Gender Equality and Institutional Change in Research and Innovation,*
17. **Balkan Universities Association 2019 Conference (BUA), Thessaloniki, GREECE, 18 April 2019.** *The role of RMEI network of Engineering Schools and Management in Sustainable Development Goals of the Mediterranean Countries.*
18. **Kingdom University, Kingdom of Bahrain, 27-29, January 2019.** *Biomass and Waste to Energy in the context of Sustainability-Latest advancements, innovations and strategic objectives*
19. **FEDERAL UNIVERSITY OF RIO DE JANEIRO, BRAZIL, 25 May 2018.** *Circular Bioeconomy perspectives: Unlocking Bio and Low Carbon Technologies*
20. **ISGA6 Gasification Conference, Chengdu, CHINA, 25-28 October 2018.** *Bioenergy advocating Circular Economy.*
21. **Inner Mongolia International Energy Conference. Inner Mongolia, CHINA, 13 August 2018.** *Bioenergy in Circular Bioeconomy.*
22. **IBEE-RCN Conference, Tianjin, CHINA, 14 August 2018.** *Thermochemical conversion of Biomass and sustainability,*
23. **ECOCITY FORUM 2018-CIRCULAR ECONOMY and SMART CITIES. Thessaloniki, GREECE 3-5 October 2018.** *Sustainable Use of Bioresources in the context of Bioeconomy and Circular Economy.*
24. **Thessaloniki, GREECE, 3-5 October 2018.** *CIRCULAR ECONOMY and SMART CITIES.*
25. **International Conference Kingston, UK, 2 August 2018.** *Biowaste to energy in Circular Economy.*
26. **Fondazione Regionale per la Ricerca Biomedica (FRRB), Milan, ITALY, 25-26 June 2018.** *RMEI Gender Equality Capacity Building.*
27. **University of Belgrade, SERBIA, 15-16 Mars 2018.** *Gender Equality Capacity Building*
28. **University of SAPIENZA, ROME, ITALY, 26 February 2018.** *Sustainable Development, Sustainability and Resources efficiency*
29. **WECO-2017, Shanghai, CHINA, 9 Nov. 2017.** *The role of Biomass and Bioenergy in the*

Bioeconomy and Circular Economy-Focus on thermochemical systems. Waste to Energy: Challenges & Opportunities

30. **University of Napoli, ITALY, 23 October 2017.** *Conceptual vision of a sustainable Circular waste-based Bioeconomy development in Mediterranean Regions.*
31. **Environmental Science Conference, University of Est Finland, Juansuu, FINLAND 15 May, 2017.** *Thermochemical conversion of bio-resources in the context of Bio-economy and Circular Economy. Strategic aspects, research projects, innovation and collaboration activities.*
32. **Gela, Sicily, ITALY, 25 May 2017.** *Thermochemical conversion of bio-resources in the context of Bio-economy and Circular Economy for the Mediterranean countries. Workshop on Biorefineries and Bioeconomy,*
33. **Tsinghua University, Beijing, CHINA June 2017.** *Circular Economy and waste to energy. Workshop on Bioenergy and Materials.*
34. **Academy of Agriculture, Beijing, CHINA, June 2017.** *Sustainable Use of Biomass in the Circular Economy.*
35. **University Federico Santa Maria, CHILE, 12 December 2017.** *Gasification in Circular Economy. Workshop on Solar Fuels.*
36. **Stony Brook University, New York, USA, August 2017.** *Thermochemical Conversion of residues in Circular Economy. Workshop on Biofuels.*
37. **24th ETRA Conference, Sustainable Products, New Markets BRUSSELS, 23 March 2017.** *Integrated Pyrolysis for tyres depolymerisation and carbon materials production in the Circular Economy.*
38. **100Resilience Cities project, Thessaloniki, GREECE, November 2017.** *Sustainable use of resources in the context of Anthropogenic Climate Changes and Social Upheavals. The future of work and Education.*
39. **E-Campus University, Novedrate (Co)/ITALY, 23 November 2017.** *Targeting a reflective transformation on gender equity in Higher Education. Bridging the future: the Women's perspective. –*
40. **Sapienza University, Roma, ITALY, 13 October 2016.** *Anthropogenic Climate Changes and Social Upheavals. VI MICHELANGELO WORKSHOP -MOBILITY and CONNECTIVITY vs INEQUALITIES: a shared vision of the Mediterranean future.*
41. **23rd ETRA Conference Sustainable Products, New Markets BRUSSELS, 21 March 2016.** *Economics of Tyres pyrolysis.*
42. **22nd ETRA Conference 19th Annual Etra Conference Responsibility and Innovation, BRUSSELS, 23 March 2015.** *Energy from Tyres pyrolysis.*
43. **21st ETRA Conference Responsibility and Innovation: Sustainable Products, BRUSSELS, 23 March 2014.** *Pyrolysis of ELT's and Business Development.*
44. **19th ETRA Conference Conference Responsibility and Innovation, BRUSSELS, 23 March 2012.** *CARBON FROM TIRES PYROLYSIS.*
45. **18th annual tyre recycling conference. BRUSSELS, March 2011.** *Tyres Pyrolysis and activated carbon production for water cleaning.*
46. **17th annual tyre recycling conference. BRUSSELS, March 2010.** *Active Carbon production from char issued from Tyres Pyrolysis: Economics.*
47. **University Polytechnica of Catalonia (UPC) Barcelona, SPAIN, 2010.** *Engineering Education for innovative Sustainable Development for the Mediterranean. Colloquium on Engineering-Education Perspectives. Barcelona, under Spanish Presidency of European Union and Union for Mediterranean.*
48. **Aristotle University, Thessaloniki, GREECE, May 2010.** *Mediterranean/European/Multinational Educational Aspects – TIME & RMEI networks. Workshop on Engineering-Education Perspectives and Balkan case study.*
49. **16th European Conference of Tyres recycling. The Economics of a recycling Society. BRUSSELS, 25-27 February 2009,** *Carbon materials from tyres pyrolysis.*
50. **CERTH Thessaloniki, GREECE, 27 November 2009.** *Gasification of Biomass and Innovation. New frontiers in Chemical and Biochemical Engineering, Innovation and Entrepreneurship,*
51. **University of Beijing, CHINA, September 21, 2008.** *Gasification of Biomass and Innovation. International Expert's Conference on "Thermochemical Gasification in Fluidized Bed",*
52. **Sofia, BULGARIA, 4 December 2007.** *Biofuel Cities. The Second Workshop on the Role of End-*

users

53. **15th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), Sinaia, ROMANIA, 20-22 September 2007.** Energy crop residues: alternatives for energy and material production.
54. Alternative methods for the valorization of residue from agricultural cultivations for energy production..
55. **IENE energy week. Athens, GREECE, 23 October, 2007.** *Alternative methods for the valorization of residue from agricultural cultivations for energy production. Think tank workshop for RES.*
56. **INTERNATIONAL RUBBER CONFERENCE AFICEP-ASSOCIATION FRANCAISE DES INGENIEURS ET CADRES DU CAOUTCHOUC ET DES POLYMERES Lyon – FRANCE, 18 October 2006, Pyrolysis of Tires.**
57. **IASME/WSEAS International Conference of Energy, environment, Ecosystems and Sustainable Development, Vouliagmeni, Athens, GREECE, 11 July 2006.** *Agro-Residues for decentralized energy demand satisfaction.*
58. **12th European Tires Recycling Conference (ETRA 2005). Brussels, BELGIUM. 5 March 2005.** *Valuable products from tires pyrolysis.*
59. **11th European Tires Recycling Conference (ETRA 2004). Brussels, BELGIUM. 23-27 March 2004.** *Activated carbon from used tires using industrial pyrolyser and pilot activation furnace.*
60. **9th European Tires Recycling Conference (ETRA 2002). Brussels, BELGIUM. 13-15 March 2002.** *'Pyrolysis of used automobile tires and residual char utilization.*
61. **Thessaloniki, GREECE, April 2003 'Imagine a modern- BEST City....without WASTES'.** *Spring Course of Board of European Students of Technology (BEST)- Imagine a modern- BEST City".*

Education

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Ecole Centrale de Paris, France 1/9/1984 – 1/10/1987	PhD (Doctorat)
Ecole Centrale de Paris, France 1/9/1983 – 31/7/1984	DEA (MASTER)
Aristotle University of Thessaloniki, Greece 1/10/1974 – 21/11/1979	Diploma in Chemical Engineering

Language skills: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Greek, mother language			
English	1	1	1
French	1	1	1
Italian	5	5	5

Membership of professional bodies and networks

- Sustainable Development Solutions Network (SDSN)
- Top International Managers in Engineering, TIME network
- Network of Mediterranean Engineering Schools, RMEI network
- European Federation of Chemical Engineering- EFCE
- Hellenic Association of Chemical Engineers
- International Renewable Energy Network (WREN/WREC)
- Chinese Network on Energy and Environment (BEE-RCN)
- Chinese Gasification Network (GAS-CHINA)
- Pyrolysis Network in Europe -PyNet
- Gasification Network in Europe -GasNet
- Renewables Energies Association, Greece- RENES
- Institute of Energy of South East Europe Think Tank- IENE

- International Waste Association- ISWA.
- European Tyre Recycling Association- ETRA.
- Institute of Renewable Energies in Greece- IHT
- Association des Centraliens (Ecole Centrale de Paris)
- Women in Technology, Europe-WITEC.
- The Hellenic Society of University Women (ΕΛ.Ε.ΓΥ.Π.)
- Gender Equality Committees network of Greek Universities
- Gender Summit

Other skills

International collaboration, Interdisciplinary Education and Research, Communication, Organisation and Networking, Mentoring, Leadership.

Key qualifications

Experience with European Commission and Evaluation

- Expert and evaluator for programs and projects (FP7, LIFE+, HORIZON2020 etc.)
 - European Universities' Evaluation
 - National Research programs of European countries and non-European expert
 - Evaluation of PhD studies prior to defense and professorships
- International Scientific Cooperation
 - Scientific Networking
 - ENGINEERING Education
 - Sustainability awareness
 - Organisation of conferences
 - Networking- Coordination of scientific Networks
 - Leader of 'Biomass Group'
 - Coordination of R&I projects
 - Preparation, evaluation, monitoring and coordination of projects in the RES sector
 - EC expert and evaluator
 - Evaluator in panels for European Universities evaluation
 - Evaluation of National Research programs of European Countries
 - Evaluation of PhD and professorship candidates, internationally
 - Peer reviewer of many scientific papers
 - Editor and guest editor of many scientific international journals

Consultancy

- **Mentor to the Greek Ministry/Government** in Circular economy
- **Consultancy to Greek European Parliament** on biomass/bioenergy
- Consultancy to companies for bioenergy projects and CHP biomass systems, tyres pyrolysis
 - Consultancy to cement industry and recycling sector
 - Consultancy for design of pilot plants at various scales based for biomass conversion processes
 - Sustainability assessment of technological solutions
 - Social acceptance of technological solutions in Circular Economy and Bioeconomy

Professional experience

Date from - Date to	Location	Company & Reference	Position	Description
1995-now	Thessaloniki Greece	Aristotle University Thessaloniki,	Professor	<u>Teaching</u> : Circular Economy, Sustainability, Renewable energy with emphasis in Bioenergy, Gasification

		Greece (AUTH)		<p>and Pyrolysis, Sustainable development</p> <p>http://www.cheng.auth.gr/jm/index.php/personnel/dep/93?dep=zampa</p> <p><u>Research</u>: Leader of a research group of 10 persons on Biomass and Bioenergy (biomass group), 38 research and Innovation projects <u>KNOW HOW transfer and Innovation development</u> (contracts with companies, innovation grants) for Innovative solutions for in a bio-based and circular economy</p> <p><u>Sustainable Development</u> (member of Centre for SD at AUTH, president at RMEL,) activities on SDGs</p> <p><u>Administrative work</u> (International relations, Gender Equality committee of AUTH, Chemical Engineering Curriculum development com, graduate programme development Accreditation, ECTS coordinator, Mobility Coordinator</p> <p><u>Networking</u> (RMEL, TIME-double diploma, DEFI-engineering Education, WREN, Chinese Networks of bioenergy and environment</p> <p><u>Mobility programs</u></p> <p>Coordination of ERASMUS mobility</p> <p><u>International cooperation</u> in Biomass, Bioenergy (mainly with Med countries, Balkan countries, Middle East Countries, Canada. Latin America, Emirates, China)</p> <p><u>Editorial member</u> and Peer reviewer in 20 scientific journals and conference</p> <p><u>Conference and workshop organisation</u></p> <p><u>Science and Society activities</u> (open days of AUTH, Green School, cafe scientifique –familiarisation of science, awareness raising of farmers, agricultural association, small industries, training</p> <p><u>Distinguished Teaching in other Universities</u></p> <p>Ecole Centrale Marseille, France Tsinghua University, China University of Life and Peace, Myanmar, Aalto University</p>
1990-1995	European Commission Brussels, Belgium	EC- DG Research	National Expert	<ul style="list-style-type: none"> • Research Policy and Development (T&TD) with focus on R&T development of south European countries. • STRIDE PROGRAM coordination

2001	Habana, Cuba	Instituto Superior Politecnico Jose Antonio Echeverria- (ISPJAE)	Scientific and Cultural Exchange program	Development of a Greek-Cuban bilateral cooperation program on biofuels and bioenergy
2003	Brussels, Belgium	Université libre de Bruxelles (ULB)	Invited Researcher	Invited Scientist to do specific research under the regional program 'RESEARCH IN BRUSSELS' funded by the Region of Brussels Capital. Subject: Pyrolysis of used tires
2005	Irbid, Jordan	Jordan University of science and technology (JUST)	Scientific and Cultural Exchange program	Development of Greek- Jordan cooperation on Bioenergy Preparation of a project under INCO MED 2005 program
2005 and 2007	Finland	Helsinki Technical University (HUT)	Erasmus Mobility Program	<ul style="list-style-type: none"> •Teaching biomass gasification •Collaboration on biomass gasification research
2006	SYRIA, Homs	ALBAATH University	Scientific and Cultural Exchange program	Development of Greek- Syrian cooperation on Biofuels
2005 2006	Romania, Bucarest	Bucharest Technical University	Scientific and Cultural Exchange program	Teaching biomass gasification Collaboration on research Scientific cooperation on biofuels Preparation of a session devoted to BIOFUELS for the Chem Eng, Conference at Sinaia
2008	Sweden, Stockholm	KTH	Invited Scientific Collaboration	EU 'SUSPOWER' project Collaboration on high temperature biomass gasification
2008	Greece	Aristotle University of Thessaloniki	SD CENTER Sustainable Development	Founder member of AUTH's virtual centre on Sustainable Development and Climate change
2008	Greece	Aristotle University of Thessaloniki	CENTER Gender, Environment Space, and Technology	Founder member of Engineering Faculty Centre coordinating on Gender , Environment and Technology
2009	EC	Brussels	ST CM0903 OICHEM	Member of COST program: Utilization of Biomass for Sustainable Fuels & Chemicals
2009	Barcelona, SPAIN	University Polytechnika of Catalonia (UPC)	Invited professor	Teaching biofuels production in master program of Biotechnology
2010	Seville, SPAIN	University of Seville	Invited professor	Teaching Gasification
2011	Brussels Belgium	Université Libre de Bruxelles (ULB)	Invited professor	Teaching Biomass Valorisation
2010-2013	Thessaloniki	Aristotle	Co-	Development and demonstration of a

	Greece	University of Thessaloniki	Coordinator of SMART LIFE+ project	mobile small biomass CHP system
2011-2014	Ireland	Cork, Ernerside Company	Cooperation- LIFE + project	Development of a tires pyrolysis depolymerisation project
2011 Spring semester	Thessaloniki, Greece	Hellenic International University	Invited lecturer at Master Program	Courses on Biomass, Bioenergy, Biofuels
2012, September	Thessaloniki, Greece	Aristotle University of Thessaloniki	Organization committee Education	40th SEFI Annual Conference: Meet the Future
2012, 31 October	Thessaloniki, Greece	Center of Research and Technology Hellas (CERTH)	Organization networking Day	DIBANET and SMART CHP Networking Day on biomass/biofuels research
2012, 1-3 November	Thessaloniki, Greece	Center of Research and Technology Hellas (CERTH)	Organization International Workshop	UBIOCHEM-III: Sustainable production of fuels/energy, materials & chemicals from biomass ", COST Action CM0903,
1-9-2013	Foggia ITALY	University of Foggia	Expert in Bioenergy Networking and Policy	STAR AGROENERGY project funded by EU REGPOT program for unlocking research opportunities in Agroenergy in Pulia Region, Italy
2016	New York, USA	Stony Brook University	Visiting Professor	Teaching Circular Economy
2016	China	Tsinghua University	Visiting Professor	Lecturing Circular Bioeconomy and waste to energy
2016	Chile	Federico Santa Maria University	Visiting Professor	Development of Circular Economy and Solar Fuels
2017	Finland - Joensuu	University of East Finland	Keynote Speaker	Thermochemical conversion in Circular Economy and Bioeconomy
2017	Sicily, Gela	Transition to Bioeconomy cluster	Keynote speaker	Biorefinery in Circular Bioeconomy
2018	BRAZIL	Federal University of Rio de Janeiro	Visiting professor	Collaboration on Biofuels for transport
2018	FRANCE	Ecole Centrale Marseille	Invited distinguished professor	Teaching Biofuels and Sustainability
2019	UK	University of Hull	Invited distinguished professor	Teaching Sustainability
2019-2022	France	Ecole Centrale Marseille	Invited lecturer in Master courses	COMPLEX SYSTEMS in ENGINEERING
2015-2022	UK	Brighton	Teaching in WREN Seminars	Bioenergy, waste to energy, sustainability

2018-2019	Emirates	Dubai, Azman	Teaching in WREN Seminars	Renewable Energy
2019-2022	Myanmar Yangon	University of LIFE and PEACE	Winter school	Faculty member on Technology and Ecology
2020	Qatar	Doha	Agriculture Company	Introducing FOOD SECURITY

International journals's editor

- Editorial board Elsevier: Energy Nexus**
- Editor** of the Special Issue SI "Sustainability and Resilience to Climate Change Hazards and Gender Equality' SUSTAINABILITY JOURNAL
- Co-editor: Energy Transitions in GLOBAL TRANSITIONS, KeAi and Elsevier**
- Co-editor : Heliyon, Elsevier**
- Guest editor: SV of the Journal of Cleaner Production, Elsevier; On Advances in Sustainable consumption, cleaner production and cleaner energy sources.**
- Guest editor: SV of the Journal of Cleaner production, Elsevier: On Bioeconomy: Agricultural and forest biomass for food, materials and energy: bio-economy as the cornerstone to cleaner production and more sustainable consumption patterns for accelerating the transition towards equitable, sustainable, post fossil-carbon societies.**
- Guest editor: SV of Catalysis today, Journal, Elsevier: on UBIOCHEM-III: Sustainable production of fuels/energy, materials and chemicals from Biomass**
- Editorial board** in Lifescience Global, a Canadian publishing company
- Editorial Board** of Algerian Journal of Environmental Science and Technology is an international, peer-reviewed research journal
- Editorial Board Energies, An Open Access Journal from MDPI**
- Editorial Board** of Algerian Journal of Environmental Science and Technology is an international, peer-reviewed research journal
- Editorial Board of the Journal of Environmental Engineering and Landscape Management (JELM), VGTU journals**

List of publications (Google Scholar)

- 1) D Fytili, A Zabaniotou, 2022. Organizational, societal, knowledge and skills capacity for a low carbon energy transition in a Circular Waste Bioeconomy (CWBE): Observational evidence of the Thessaly region ... Science of The Total Environment 813, 151870P
- 2) Athanasopoulos, A Zabaniotou, 2022. Post-consumer textile thermochemical recycling to fuels and biocarbon: A critical review. Science of The Total Environment, 155387
- 3) K Papamonioudis, A Zabaniotou, 2022. Exploring Greek Citizens' Circular Thinking on Food Waste Recycling in a Circular Economy – A Survey-Based Investigation, Energies 15 (7), 2584
- 4) AI Altantzis, NC Kallistridis, G Stavropoulos, A Zabaniotou, 2022. Peach Seeds Pyrolysis Integrated into a Zero Waste Biorefinery: an Experimental Study Circular Economy and Sustainability 2 (1), 351-382
- 5) E Triantafyllidou, A Zabaniotou, 2022. Digital Technology and Social Innovation Promoting a Green Citizenship: Development of the "Go Sustainable Living" Digital Application Circular Economy and Sustainability 2 (1), 141-164
- 6) E Triantafyllidou, A Zabaniotou, 2022. From Theory to Praxis: 'Go Sustainable Living' Survey for Exploring Individuals Consciousness Level of Decision-Making and Action-Taking in Daily Life Towards a Green Citizenship. Circular economy and sustainability 2 (1), 113-139
- 7) A Zabaniotou, 2021. The COVID-19 lockdowns brought to light the challenges that women face in Mediterranean universities. Global Transitions 3, 119-125D
- 8) Frantzi, A Zabaniotou, 2021. Waste-Based Intermediate Bioenergy Carriers: Syngas Production via Coupling Slow Pyrolysis with Gasification under a Circular Economy Model. Energies 14 (21), 7366
- 9) D Almpantis, A Zabaniotou, 2021. Technological Solutions and Tools for Circular Bioeconomy in Low-Carbon Transition: Simulation Modeling of Rice Husks Gasification for CHP by Aspen PLUS V9 and Feasibility ... Energies 14 (7), 2006

- 10) A Zabaniotou, **2021**. Learning outcomes of leader and leadership development: Method of Soft and Female leadership (SFL) empirical framework for driving the gender equality change in Mediterranean ...Open Research Europe 1 (63), 63
- 11) Monia Chouari, Moncef Ghiss, Anastasia Zabaniotou, **2021**. Academic promotion and leadership: 'moving the needle' for the enhancement of gender equality in Tunisian higher education institutional members of the RMEI network following the TARGET framework. *Science with and for Society. Open Research Europe*
- 12) A Zabaniotou, O Boukamel, A Tsirogianni (**2021**). Network assessment: Design of a framework and indicators for monitoring and self-assessment of a customized gender equality plan in the Mediterranean Engineering Education context. *Evaluation and Program Planning*, 101932
- 13) G Sarma, A Zabaniotou, **2021**. Understanding Vulnerabilities of Renewable Energy Systems For Building Their Resilience to Climate Change Hazards: Key Concepts And Assessment Approaches Renewable Energy and Environmental Sustainability 6, 35
- 14) A Zabaniotou, G Sarma, **2021**. Thinking of Regional Energy Systems' Resilience in the Transition to Higher Shares of Renewable Energy: A Greek Regional Case-Study Available at SSRN 3903267
- 15) A Zabaniotou, A Pritsa, EA Kyriakou (**2021**). Observational Evidence of the Need for Gender-Sensitive Approaches to Wildfires Locally and Globally: Case Study of 2018 Wildfire in Mati, Greece. *Sustainability*, 13, 1556
- 16) C Ingraio, F Scrucca, A Matarazzo, C Arcidiacono, A Zabaniotou (2021). Freight transport in the context of industrial ecology and sustainability: evaluation of uni-and multi-modality scenarios via life cycle assessment. *The International Journal of Life Cycle Assessment* 26 (1), 127-142.
- 17) F Feizi, F Reguyal, N Antoniou, A Zabaniotou, AK Sarmah (**2021**). Environmental remediation in circular economy: End of life tyre magnetic pyrochars for adsorptive removal of pharmaceuticals from aqueous solution. *Science of the Total Environment* 739, 139855
- 18) G Melitos, X Voulkopoulos, A Zabaniotou, **2021**. Waste to Sustainable Biohydrogen Production Via Photo-Fermentation and Biophotolysis– A Systematic Review Renewable Energy and Environmental Sustainability 6, 45
- 19) A Zabaniotou (**2020**). Towards gender equality in Mediterranean Engineering Schools through networking, collaborative learning, synergies and commitment to SDGs-The RMEI approach. *Global Transitions* 2, 4-15
- 20) A Zabaniotou (**2020**). New Forms of Social Learning in Mediterranean Higher Engineering Education: Change Lab for Gender Equality Transformation, Methodology, Design Principles. *Sustainability* 12 (16), 6618
- 21) Anastasia Zabaniotou, Christine Syrgiannis, Daniela Gasperin, Arnaldo José de Hoyos Guevera, Ivani Fazenda, Donald Huisingsh (**2020**). From Multidisciplinarity to Transdisciplinarity and from Local to Global Foci: Integrative Approaches to Systemic Resilience Based upon the Value of Life in the Context of Environmental and Gender Vulnerabilities with a Special Focus upon the Brazilian Amazon Biome. *Sustainability* 12 (20), 8407
- 22) A Zabaniotou (**2020**). A systemic approach to resilience and ecological sustainability during the COVID-19 pandemic: Human, societal, and ecological health as a system-wide emergent property in the Anthropocene. *Global Transitions* 2, 116-126
- 23) A Zabaniotou, K Stamou (**2020**). Balancing Waste and Nutrient Flows Between Urban Agglomerations and Rural Ecosystems: Biochar for Improving Crop Growth and Urban Air Quality in The Mediterranean Region. *Atmosphere* 11 (5), 539
- 24) F Feizi, F Reguyal, N Antoniou, A Zabaniotou, AK Sarmah (**2020**). Environmental remediation in circular economy: End of life tyre magnetic pyrochars for adsorptive removal of pharmaceuticals from aqueous solution. *Science of The Total Environment*, 139855
- 25) VK Matrapazi, A Zabaniotou (**2020**). Experimental and feasibility study of spent coffee grounds upscaling via pyrolysis towards proposing an eco-social innovation circular economy solution. *Science of The Total Environment* 718, 137316
- 26) MJ Taylor, AK Michopoulos, AA Zabaniotou, V Skoulou (**2020**). Probing Synergies between Lignin-Rich and Cellulose Compounds for Gasification. *Energies* 13 (10), 2590
- 27) C Syrgiannis, A Zabaniotou, I Fazenda (**2019**). Inner Processes of Creation towards awareness of own worth for sustainable proposals. *Journal of Cleaner Production* 230, 767-774
- 28) I Vaskalis, V Skoulou, G Stavropoulos, A Zabaniotou (**2019**). Towards circular economy solutions for the management of rice processing residues to bioenergy via gasification. *Sustainability* 11 (22), 6433
- 29) N Antoniou, F Monlau, C Sambusiti, E Ficara, A Barakat, A Zabaniotou (**2019**). Contribution to Circular Economy options of mixed agricultural wastes management: Coupling anaerobic digestion with gasification for enhanced energy and material recovery. *Journal of cleaner production* 209, 505-514
- 30) Anastasia Zabaniotou, Donald Huisingsh (**2019**). Food Waste Reduction and Valorisation: Sustainability Assessment and Policy Analysis. *Journal of Cleaner Production*, 207, 2019, 788

- 31) Sophia Darda, Theodoros Papalás, Anastasia Zabaniotou (2019). Biofuels journey in Europe: Currently the way to low carbon economy sustainability is still a challenge. *Journal of Cleaner Production*, 208, 575-588
- 32) Christine Syrgiannis, Anastasia Zabaniotou, Ivani Fazenda (2019). Inner Processes of Creation towards awareness of own worth for sustainable proposals. *Journal of Cleaner Production*, 230, 767-774
- 33) N. Antoniou, F. Monlau, C. Sambusiti, E. Ficara, A. Zabaniotou (2019). Contribution to Circular Economy options of mixed agricultural wastes management: Coupling anaerobic digestion with gasification for enhanced energy and material recovery. *Journal of Cleaner Production*, 209, 505-514
- 34) A Zabaniotou, P Kamaterou (2019). Food waste valorization advocating Circular Bioeconomy-A critical review of potentialities and perspectives of spent coffee grounds biorefinery. *Journal of Cleaner Production* 211, 1553-1566
- 35) A. Zabaniotou (2018). Redesigning a bioenergy sector in EU in the transition to circular waste-based Bioeconomy-A multidisciplinary review. *Journal of Cleaner Production*, 177, 197-206
- 36) D Fytily, A Zabaniotou (2018). Circular economy synergistic opportunities of decentralized thermochemical systems for bioenergy and biochar production fueled with agro-industrial wastes with environmental with Environmental Sustainability and Social Acceptance: a Review. *Current Sustainable/Renewable Energy Reports* 5 (2), 150-155
- 37) V Skoulou, R Volpe, AA Zabaniotou (2018). Synergistic effects of lignin and cellulose during pyrolysis of agricultural waste. *American Chemical Society* 32 (8)
- 38) R Volpe, AA Zabaniotou, V Skoulou (2018). Synergistic effects between lignin and cellulose during pyrolysis of agricultural waste. *Energy & Fuels* 32 (8), 8420-8430
- 39) N. Antoniou, A. Zabaniotou (2018). Re-designing a viable ELTs depolymerization in circular economy: Pyrolysis prototype demonstration at TRL 7, with energy optimization and carbonaceous materials production. *Journal of Cleaner Production*, 174, 74-86.
- 40) A. Zabaniotou, P. Kamaterou, V. Kachrimanidou, A. Vlysidis, A. Koutinas, (2018). Taking a reflexive TRL3-4 approach to sustainable use of sunflower meal for the transition from a mono-process pathway to a cascade biorefinery in the context of Circular Bioeconomy. *Journal of Cleaner Production*, 172, 20, 4119-4129
- 41) R. Ktori, P. Kamaterou, A. Zabaniotou (2018). Spent coffee grounds valorization through pyrolysis for energy and materials production in the concept of circular economy. *Materials Today: Proceedings*, 5 (14), Part 1, 27582-27588
- 42) A. Zabaniotou, P. Kamaterou, A. Pavlou, C. Panayiotou, (2018). Sustainable bioeconomy transitions: Targeting value capture by integrating pyrolysis in a winery waste biorefinery. *Journal of Cleaner Production*, 172 (20), 3387-3397.
- 43) Carlo Ingraio, Jacopo Bacenetti, Alberto Bezama, Vincent Blok, Anastasia Zabaniotou, Donald Huisingh (2018). The potential roles of bio-economy in the transition to equitable, sustainable, post fossil-carbon societies: Findings from this virtual special issue. *Journal of Cleaner Production*, 204, 471-488.
- 44) Emmanuel Koukios, Massimo Monteleone, Manuel Jose Texeira Carrondo, Anthi Charalambous, Anastasia Zabaniotou, (2018). Targeting sustainable bioeconomy: A new development strategy for Southern European countries. The Manifesto of the European Mezzogiorno. *Journal of Cleaner Production*, 172, 3931-3941
- 45) Prithvi Simha, A. Zabaniotou, M. Ganesapillai, (2018). Continuous urea-nitrogen recycling from human urine: A step towards creating human excreta based bio-economy. *Journal of Cleaner Production*, 172, 4152-4161
- 46) R Ktori, P Kamaterou, A Zabaniotou (2018). Spent coffee grounds valorization through pyrolysis for energy and materials production in the concept of circular economy. *Materials Today: Proceedings* 5 (14), 27582-27588
- 47) D. Fytily, A. Zabaniotou (2017). Social acceptance of bioenergy in the context of climate change and sustainability – A review. *Current Opinion in Green and Sustainable Chemistry*, 8, 5-9.
- 48) A. Zabaniotou, D. Rovas, M.K. Delivand, M. Francavilla, M. Monteleone (2017). Conceptual vision of bioenergy sector development in Mediterranean regions based on decentralized thermochemical systems. *Sustainable Energy Technologies and Assessments*, 23, 33-47
- 49) P Simha, A Zabaniotou, M Ganesapillai (2017). Continuous ureaenitrogen recycling from human urine: a step towards creating a human excreta based bio-economy. *Journal of Clean. Production*, 1-10.
- 50) Carlo Ingraio, Jacopo Bacenetti, Alberto Bezama, Vincent Blok, Jutta Geldermann, Pietro Goglio, Emmanuel G. Koukios, Marcus Lindner, Thomas Nemecek, Valentina Siracusa, Anastasia Zabaniotou, Donald Huising (2016). Agricultural and forest biomass for food, materials and energy: bio-economy as the cornerstone to cleaner production and more sustainable consumption patterns for accelerating the transition towards equitable, sustainable, post fossil-carbon societies. *Journal of Cleaner Production*, 117, 4-6

- 51) C. Sambusiti, F. Monlau, N. Antoniou, A. Zabaniotou, A. Barakat (2016). Simultaneous detoxification and bioethanol fermentation of furans-rich synthetic hydrolysate by digestate-based pyrochar. *Journal of Environmental Management*, 183, Part 3, 1026-1031.
- 52) Manara, P., Zabaniotou, A., (2016). Co-valorization of crude glycerol waste streams with conventional and/or renewable fuels for power generation and industrial symbiosis perspectives. *Waste and biomass valorization* 7 (1), 135-150
- 53) N Đurišić-Mladenović, BD Škrbić, A Zabaniotou (2016). Chemometric interpretation of different biomass gasification processes based on the syngas quality: Assessment of crude glycerol co-gasification with lignocellulosic biomass. *Renewable and Sustainable Energy Reviews* 59, 649-661
- 54) Florian Monlau, M Francavilla, Cécilia Sambusiti, N Antoniou, A Solhy, A Libutti, A Zabaniotou, Abdellatif Barakat, M Monteleone (2016). Toward a functional integration of anaerobic digestion and pyrolysis for a sustainable resource management. Comparison between solid-digestate and its derived pyrochar as soil amendment. *Applied Energy* 169, 652-662
- 55) Carlo Ingrao, Jacopo Bacenetti, Alberto Bezama, Vincent Blok, Jutta Geldermann, Pietro Goglio, Emmanuel G Koukios, Marcus Lindner, Thomas Nemecek, Valentina Siracusa, Anastasia Zabaniotou, Donald Huisingsh (2016). Agricultural and forest biomass for food, materials and energy: bio-economy as the cornerstone to cleaner production and more sustainable consumption patterns for accelerating the transition towards equitable, sustainable, post fossil-carbon societies. *Journal of Cleaner Production* 117, 4-6
- 56) M Ganesapillai, P Manara, A Zabaniotou (2016). Effect of microwave pretreatment on pyrolysis of crude glycerol-olive kernel alternative fuels. *Energy Conversion and Management* 110, 287-295
- 57) D Rovas, A Zabaniotou (2015). Exergy analysis of a small gasification-ICE integrated system for CHP production fueled with Mediterranean agro-food processing wastes: The SMART-CHP. *Renewable Energy* 83, 510-517
- 58) A Zabaniotou, N Antoniou, G Stavropoulos (2015). Novel sorbent materials for environmental remediation via depolymerization of used tyres. *Desalination and Water Treatment* 56 (5), 1264-1273
- 59) Zabaniotou, A., Rovas, D., Monteleone, M., (2015). Management of Olive Grove Pruning and Solid Waste from Olive Oil Extraction Via Thermochemical Processes. *Waste and Biomass Valorization*, 6 (5), 831-842.
- 60) M Ganesapillai, P Simha, A Zabaniotou (2016). Closed-loop fertility cycle: realizing sustainability in sanitation and agricultural production through the design and implementation of nutrient recovery systems for human urine. *Sustainable production and consumption* 4, 36-46
- 61) M Francavilla, P Kamaterou, S Intini, M Monteleone, A Zabaniotou (2016). Cascading microalgae biorefinery: fast pyrolysis of *Dunaliella tertiolecta* lipid extracted-residue. *Algal research* 11, 184-193
- 62) N Antoniou, A Zabaniotou (2016). Experimental proof of concept for a sustainable End of Life Tyres pyrolysis with energy and porous materials production. *Journal of Cleaner Production* 101, 323-336
- 63) F Monlau, C Sambusiti, N Antoniou, A Zabaniotou, A Solhy, A Barakat (2016). Pyrochars from bioenergy residue as novel bio-adsorbents for lignocellulosic hydrolysate detoxification. *Bioresource Technology* 187, 379-386
- 64) P Manara, D Vamvuka, S Sfakiotakis, C Vanderghem, A Richel, A, Zabaniotou. (2016). Mediterranean agri-food processing wastes pyrolysis after pre-treatment and recovery of precursor materials: A TGA-based kinetic modeling study. *Food Research International* 73, 44-51
- 65) Monlau, F., Sambusiti, C., Antoniou, N., Barakat, A., Zabaniotou, A., (2015). A new concept for enhancing energy recovery from agricultural residues by coupling anaerobic digestion and pyrolysis process, *Applied Energy*, 148, 32-38.
- 66) Florian Monlau, N Antoniou, Cécilia Sambusiti, A Zabaniotou, Abdellatif Barakat (2016). New valorization outputs for solid anaerobic digestate: biofuels and pyrolysis process. Biorefinery for Food, Fuels and Materials, BFFM2015, Jun 2015, Montpellier, France. (hal-01269227
- 67) A. Zabaniotou, D. Rovas, A. Libutti, M. Monteleone (2015). Boosting circular economy and closing the loop in agriculture: Case study of a small-scale pyrolysis-biochar-based system integrated in an olive farm in symbiosis with an olive mill. *Environmental Development*, 14, 22-36.
- 68) Francavilla, M., Kamaterou, P., Intini, S., Monteleone, M., Zabaniotou, A., (2015). Cascading microalgae biorefinery: Fast pyrolysis of *Dunaliella tertiolecta* lipid extracted-residue. *Algal Research*, 11, 184-193.
- 69) Francavilla, M., Manara, P., Kamaterou, M. Monteleone, A. Zabaniotou, A., (2015). Cascade approach of red macroalgae *Gracilaria gracilis* sustainable valorization by extraction of phycobiliproteins and pyrolysis of residue. *Bioresource Technology*, 184, 305-313
- 70) C Sambusiti, M Bellucci, A Zabaniotou, L Beneduce, F Monlau (2016). Algae as promising feedstocks for fermentative biohydrogen production according to a biorefinery approach: a comprehensive review. *Renewable and Sustainable Energy Reviews* 44, 20-36

- 71) Zabaniotou A., Rovas D., Monteleone M. 2015. Management of Olive Grove Pruning and Solid Waste from Olive Oil Extraction Via Thermochemical Processes. *Waste and Biomass Valorization*, 6, 5, 831–842.
- 72) Zabaniotou, A., Bitou, P., Kanellis, T., Manara, P., Stavropoulos, G., (2014). Investigating Cynara C. biomass gasification producer gas suitability for CHP, second generation biofuels, and H₂ production, *Industrial Crops and Products*, 61, 308-316.
- 73) Zabaniotou, A., Antoniou, N., Bruton, G., (2014). Analysis of good practices, barriers and drivers for ELTs pyrolysis industrial application, *Waste Management*, 34(11), 2335-2346.
- 74) Zabaniotou, A., (2014). Agro-residues implication in decentralized CHP production through a thermochemical conversion system with SOFC, *Sustainable Energy Technologies and Assessments*, 6, 34-50.
- 75) Samolada, M.C., Zabaniotou, A.A., (2014). Energetic valorization of SRF in dedicated plants and cement kilns and guidelines for application in Greece and Cyprus, *Resources, Conservation and Recycling*, 83, 34-43.
- 76) Samolada, M.C., Zabaniotou, A.A., (2014). Comparative assessment of municipal sewage sludge incineration, gasification and pyrolysis for a sustainable sludge-to-energy management in Greece, *Waste Management*, 34(2), 411-420.
- 77) Mertzis, D., Mitsakis, P., Tsiakmakis, S., Manara, P., Zabaniotou, A., Samaras, Z., (2014). Performance analysis of a small-scale combined heat and power system using agricultural biomass residues: The SMART-CHP demonstration project, *Energy*, 64, 367-374.
- 78) Manara, P., Zabaniotou, A., Vanderghem, C., Richel, A., (2014). Lignin extraction from Mediterranean agro-wastes: Impact of pretreatment conditions on lignin chemical structure and thermal degradation behaviour, *Catalysis Today*, 223, 25-34.
- 79) Manara, P., Zabaniotou, A., (2014). Indicator-based economic, environmental, and social sustainability assessment of a small gasification bioenergy system fuelled with food processing residues from the Mediterranean agro-industrial sector, *Sustainable Energy Technologies and Assessments*, 8, 159-171.
- 80) A. Libutti, P Garofalo, D Rovas, A Zabaniotou, M. Monteleone (2014). Management of Pruning Residues for Both Renewable Energy and Soil Fertility: a Win-Win Solution in a Mediterranean Olive Farm. 22nd European Biomass Conference and Exhibition-Setting the course for a *biobased economy*, 1606-1612. Publisher ETA-Florence Renewable Energies
- 81) P Manara, M Francavilla, M Monteleone, A Zabaniotou (2014). Thermogravimetric characteristics and pyrolysis of red seaweed *Gracilaria gracilis* residues. 2nd INTERNATIONAL CONFERENCE on *Sustainable Solid Waste Management* 1, 1-11
- 82) M Francavilla, P Manara, M Monteleone, A Zabaniotou (2014). Cascading Approach of Algae Treatment to Obtain Value-Added Products and Fuels. 22nd European Biomass Conference and Exhibition, 1093-1098
- 83) Francavilla M., Manara P., Kamaterou P., Monteleone M., Zabaniotou A. (2014). Cascade approach of red macroalgae *Gracilaria gracilis* sustainable valorization by extraction of phycobiliproteins and pyrolysis of residue. *Bioresource Technology*, 184, 305-313
- 84) Antoniou, N., Stavropoulos, G., Zabaniotou, A., (2014). Activation of end of life tyres pyrolytic char for enhancing viability of pyrolysis - Critical review, analysis and recommendations for a hybrid dual system, *Renewable and Sustainable Energy Reviews*, 39, 1053-1073.
- 85) A Zabaniotou, N Antoniou, G Bruton (2014). Analysis of good practices, barriers and drivers for ELTs pyrolysis industrial application. *Waste management* 34 (11), 2335-2346
- 86) Zabaniotou, A., Mitsakis, P., Mertzis, D., Tsiakmakis, S., Manara, P., Samaras, Z., (2013). Bioenergy technology: Gasification with internal combustion engine application, *Energy Procedia* 42, 745-753.
- 87) A Zabaniotou (2013). Novel sorbent materials for environmental remediation via Pyrolysis of biomass. EGUGA, EGU2013-11772
- 88) Skoulou, V.K., Zabaniotou, A.A., (2013). Co-gasification of crude glycerol with lignocellulosic biomass for enhanced syngas production, *Journal of Analytical and Applied Pyrolysis*, 99, 110-116.
- 89) Manara, P., Zabaniotou, A., (2013). Co-pyrolysis of biodiesel-derived glycerol with Greek lignite: A laboratory study, *Journal of Analytical and Applied Pyrolysis*, Vol. 100, No., pp 166-172.
- 90) Antoniou, N., Zabaniotou, A., (2013). Features of an efficient and environmentally attractive used tyres pyrolysis with energy and material recovery, *Renewable and Sustainable Energy Reviews*, Vol. 20, 539-558,
- 91) P Manara, A Zabaniotou (2013). Co-pyrolysis of biodiesel-derived glycerol with Greek lignite: A laboratory study. *Journal of Analytical and Applied Pyrolysis* 100, 166-172
- 92) P Manara, A Zabaniotou, A Richel (2013). Extraction of lignin from Mediterranean agro-wastes: correlation between pretreatment conditions and lignin chemical structure. UBIOCHEM Workshop. COST Action CM0903 (Utilisation of Biomass for fuels and Chemicals)

- 93) P Manara, A Zabaniotou, C Vanderghem, A Richel (2013). Lignocellulosic biomass pretreatment impact on the extracted lignins chemical structure. 4th International Workshop of COST Action CM0903 UBIOCHEM IV: Utilization of Biomass for Sustainable Fuels & Chemicals
- 94) Skoulou, V.K., Manara, P., Zabaniotou, A.A., (2012). H₂ enriched fuels from co-pyrolysis of crude glycerol with biomass, *Journal of Analytical and Applied Pyrolysis*, Vol. 97, No., pp 198-204, 2012.
- 95) Skoulou, V., Zabaniotou, A., (2012). Fe catalysis for lignocellulosic biomass conversion to fuels and materials via thermochemical processes, *Catalysis Today*, 196 (1), 56-66.
- 96) Samolada, M.C., Zabaniotou, A.A., (2012). Potential application of pyrolysis for the effective valorisation of the end of life tires in Greece, *Environmental Development*, 4 (1), 73-87.
- 97) Michailos, S., Zabaniotou, A., (2012). A small-scale agricultural biomass CHP system - The SMART project, 2nd International Conference on Communications Computing and Control Applications, CCCA 2012.
- 98) S Michailos, A Zabaniotou (2012). Simulation of olive kernel gasification in a bubbling fluidized bed pilot scale reactor. *Journal of Sustainable Bioenergy Systems*, 2 (4) 15
- 99) Manara, P., Zabaniotou, A., Towards sewage sludge-based biofuels via thermochemical conversion - A review, (2012). *Renewable and Sustainable Energy Reviews*, 16 (5), 2566-2582.
- 100) Karkania, V., Fanara, E., Zabaniotou, A., (2012). Review of sustainable biomass pellets production - A study for agricultural residues pellets' market in Greece, *Renewable and Sustainable Energy Reviews*, Vol. 16, No. 3, pp 1426-1436.
- 101) Fontaras, G., Skoulou, V., Zanakis, G., Zabaniotou, A., Samaras, Z., (2012). Integrated environmental assessment of energy crops for biofuel and energy production in Greece, *Renewable Energy*, Vol. 43, No., pp 201-209.
- 102) Damartzis, T., Michailos, S., Zabaniotou, A., (2012). Energetic assessment of a combined heat and power integrated biomass gasification-internal combustion engine system by using Aspen Plus®, *Fuel Processing Technology*, Vol. 95, No., pp 37-44
- 103) P Manara, A Richel, A Zabaniotou (2012). Mediterranean lignocellulosic biomass delignification and lignin valorization into high-added value components. UBIOCHEM-III: Sustainable production of fuels/energy, materials & chemicals from biomass. 1-3 November 2012. Event organizer :COST Action CM0903
- 104) Zabaniotou, A.A., Skoulou, V.K., Mertzis, D.P., Koufodimos, G.S., Samaras, Z.C., (2011). Mobile gasification units for sustainable electricity production in rural areas: The SMART-CHP project, *Industrial and Engineering Chemistry Research*, Vol. 50, No. 2, pp 602-608
- 105) Skoulou, V., Mariolis, N., Zanakis, G., Zabaniotou, A., (2011). Sustainable management of energy crops for integrated biofuels and green energy production in Greece, *Renewable and Sustainable Energy Reviews*, Vol. 15, No. 4, pp 1928-1936.
- 106) Papanicolaou, G.C., Xepapadaki, A.G., Angelakopoulos, G.C., Zabaniotou, A., Ioannidou, O. (2011). Use of solid residue from olive kernel pyrolysis for polymer matrix composite manufacturing: Physical and mechanical characterization, *Journal of Applied Polymer Science*, Vol. 119, No. 4, pp 2167-2173.
- 107) Kantarelis, E., Yang, W., Blasiak, W., Forsgren, C., Zabaniotou, A., (2011). Thermochemical treatment of E-waste from small household appliances using highly pre-heated nitrogen-thermogravimetric investigation and pyrolysis kinetics, *Applied Energy*, Vol. 88, No. 3, pp 922-929.
- 108) Ioannidou, O., Jung, C.G., Zabaniotou, A., (2011). A thermogravimetric model to predict yield product distribution in pyrolysis of agricultural biomass, *Catalysis Today*, Vol. 167, No. 1, pp 129-134
- 109) Damartzis, T., Zabaniotou, A., (2011). Thermochemical conversion of biomass to second generation biofuels through integrated process design-A review, *Renewable and Sustainable Energy Reviews*, Vol. 15, No. 1, pp 366-378
- 110) Damartzis, T., Vamvuka, D., Sfakiotakis, S., Zabaniotou, A., (2011). Thermal degradation studies and kinetic modeling of cardoon (*Cynara cardunculus*) pyrolysis using thermogravimetric analysis (TGA), *Bioresource Technology*, Vol. 102, No. 10, pp 6230-6238.
- 111) Zabaniotou, A., Kantarelis, E., Skoulou, V., Chatziavgoustis, T., (2011). Bioenergy production for CO₂-mitigation and rural development via valorisation of low value crop residues and their upgrade into energy carriers: A challenge for sunflower and soya residues, *Bioresource Technology*, Vol. 101, No. 2, pp 619-623
- 112) Zabaniotou, A., Andreou, K., (2010). Development of alternative energy sources for GHG emissions reduction in the textile industry by energy recovery from cotton ginning waste, *Journal of Cleaner Production*, Vol. 18, No. 8, pp 784-790.
- 113) Ioannidou, O.A., Zabaniotou, A.A., Stavropoulos, G.G., Islam, M.A., Albanis, T.A., (2010). Preparation of activated carbons from agricultural residues for pesticide adsorption, *Chemosphere*, Vol. 80, No. 11, pp 1328-1336.
- 114) Stavropoulos, G.G., Zabaniotou, A.A., (2009). Minimizing activated carbons production cost, *Fuel Processing Technology*, Vol. 90, No. 7-8, pp 952-957.

- 115) Skoulou, V., Swiderski, A., Yang, W., Zabaniotou, A., (2009). Process characteristics and products of olive kernel high temperature steam gasification (HTSG), *Bioresource Technology*, Vol. 100, No. 8, pp 2444-2451.
- 116) Skoulou, V., Kantarelis, E., Arvelakis, S., Yang, W., Zabaniotou, A., (2009). Effect of biomass leaching on H₂ production, ash and tar behavior during high temperature steam gasification (HTSG) process, *International Journal of Hydrogen Energy*, Vol. 34, No. 14, pp 5666-5673.
- 117) Kantarelis, E., Zabaniotou, A., (2009). Valorization of cotton stalks by fast pyrolysis and fixed bed air gasification for syngas production as precursor of second generation biofuels and sustainable agriculture, *Bioresource Technology*, Vol. 100, No. 2, pp 942-947
- 118) Kantarelis, E., Donaj, P., Yang, W., Zabaniotou, A., (2009). Sustainable valorization of plastic wastes for energy with environmental safety via High-Temperature Pyrolysis (HTP) and High-Temperature Steam Gasification (HTSG), *Journal of Hazardous Materials*, Vol. 167, No. 1-3, pp 675-684.
- 119) Ioannidou, O., Zabaniotou, A., Antonakou, E.V., Papazisi, K.M., Lappas, A.A., Athanassiou, C., (2009). Investigating the potential for energy, fuel, materials and chemicals production from corn residues (cobs and stalks) by non-catalytic and catalytic pyrolysis in two reactor configurations, *Renewable and Sustainable Energy Reviews*, Vol. 13, No. 4, pp 750-762.
- 120) Damartzis, T., Kostoglou, M., Zabaniotou, A., (2009). Simulation of the agro-biomass(olive kernel) fast pyrolysis in a wire mesh reactor considering intra-particle radial and temporal distribution of products, *International Journal of Chemical Reactor Engineering*, Vol. 7.
- 121) Athanassiou, C., Vakouftsi, E., Coutelieris, F.A., Marnellos, G., Zabaniotou, A., (2009). Efficiencies of olive kernel gasification combined cycle with solid oxide fuel cells (SOFCs), *Chemical Engineering Journal*, Vol. 149, No. 1-3, pp 183-190
- 122) Zabaniotou, A.A., Kantarelis, E.K., Theodoropoulos, D.C., (2008). Sunflower shells utilization for energetic purposes in an integrated approach of energy crops: Laboratory study pyrolysis and kinetics, *Bioresource Technology*, Vol. 99, No. 8, pp 3174-3181.
- 123) Zabaniotou, A., Theofilou, C., (2008). Green energy at cement kiln in Cyprus-Use of sewage sludge as a conventional fuel substitute, *Renewable and Sustainable Energy Reviews*, Vol. 12, No. 2, pp 531-541
- 124) Zabaniotou, A., Stavropoulos, G., Skoulou, V., (2008). Activated carbon from olive kernels in a two-stage process: Industrial improvement, *Bioresource Technology*, Vol. 99, No. 2, pp 320-326.
- 125) Zabaniotou, A., Skoulou, V., Koufodimos, G., Samaras, Z., (2008). Conceptual design and preliminary hydrodynamic study of an agro biomass bench gasification fluidized bed reactor, *International Journal of Chemical Reactor Engineering*, Vol. 6
- 126) Zabaniotou, A., Ioannidou, O., Skoulou, V., (2008). Rapeseed residues utilization for energy and 2nd generation biofuels, *Fuel*, Vol. 87, No. 8-9, pp 1492-1502.
- 127) Zabaniotou, A., Ioannidou, O., Antonakou, E., Lappas, A. (2008). Experimental study of pyrolysis for potential energy, hydrogen and carbon material production from lignocellulosic biomass, *International Journal of Hydrogen Energy*, Vol. 33, No. 10, pp 2433-2444
- 128) Zabaniotou, A., Ioannidou, O., (2008). Evaluation of utilization of corn stalks for energy and carbon material production by using rapid pyrolysis at high temperature, *Fuel*, Vol. 87, No. 6, pp 834-843.
- 129) Skoulou, V., Zabaniotou, A., Stavropoulos, G., Sakelaropoulos, G., (2008). Syngas production from olive tree cuttings and olive kernels in a downdraft fixed-bed gasifier, *International Journal of Hydrogen Energy*, Vol. 33, No. 4, pp 1185-1194.
- 130) Skoulou, V., Koufodimos, G., Samaras, Z., Zabaniotou, A., (2008). Low temperature gasification of olive kernels in a 5-kW fluidized bed reactor for H₂-rich producer gas, *International Journal of Hydrogen Energy*, Vol. 33, No. 22, pp 6515-6524
- 131) Seitarides, T., Athanassiou, C., Zabaniotou, A., (2008). Modular biomass gasification-based solid oxide fuel cells (SOFC) for sustainable development, *Renewable and Sustainable Energy Reviews*, Vol. 12, No. 5, pp 1251-1276
- 132) Pawel, D., Swiderski, A., Kantarelis, E., Zabaniotou, A., Yang, W., Blasiak, W., (2008). Reforming study of electric cable shredder from car residues into high-purity synthetic gas: Paper # (08-A-32-AWMA-IT3), Air and Waste Management Association - 27th Annual International Conference on Thermal Treatment Technologies 2008 2, 709-716.
- 133) Nemtsov, D.A., Zabaniotou, A., (2008). Mathematical modelling and simulation approaches of agricultural residues air gasification in a bubbling fluidized bed reactor, *Chemical Engineering Journal*, Vol. 143, No. 1-3, pp 10-31.

- 134) Kasassi, A., Rakimbei, P., Karagiannidis, A., Zabaniotou, A., Tsiouvaras, K., Nastis, A., Tzafeiropoulou, K., (2008). Soil contamination by heavy metals: Measurements from a closed unlined landfill, *Bioresource Technology*, Vol. 99, No. 18, pp 8578-8584.
- 135) Ioannidou, O.A., George, S., Zabaniotou, A.A., (2008). Use of biogenic solids for activated carbon via pyrolysis: The case of corn cob, *High Temperature Materials and Processes*, Vol. 27, No. 5, pp 355-360.
- 136) Fytili, D., Zabaniotou, A., (2008). Utilization of sewage sludge in EU application of old and new methods-A review, *Renewable and Sustainable Energy Reviews*, Vol. 12, No. 1, pp 116-140.
- 137) Damartzis, T., Ioannidis, G., Zabaniotou, A., (2008). Simulating the behavior of a wire mesh reactor for olive kernel fast pyrolysis, *Chemical Engineering Journal*, Vol. 136, No. 2-3, pp 320-330.
- 138) Athanassiou, M., Zabaniotou, A., (2008). Techno-economic assessment of recycling practices of municipal solid wastes in Cyprus, *Journal of Cleaner Production*, Vol. 16, No. 14, pp 1474-1483.
- 139) A Zabaniotou, V Skoulou, G Koufodimos, Z Samaras (2008). Is biogenic energy production viable via agro-residues gasification? Agricultural and biosystems engineering for a sustainable world. International Conference on Agricultural Engineering, Hersonissos, Crete, Greece, 23-25 June, 2008.
- 140) D Pawel, A Swiderski, E Kantarelis, A Zabaniotou, W Yang, W Blasiak (2008). Reforming study of electric cable shredder from car residues into high-purity synthetic gas: Paper#(08-A-32-AWMA-IT3) 27th Annual International Conference on Thermal Treatment Technologies 2008
- 141) Céline Gisèle Jung, Ourania Ioannidou, Anastasia Zabaniotou (2008). Validation of a predictive model applied to biomass using pyrolysis laboratory experimental results of agricultural residues. Working papers CEB
- 142) O Ioannidou, A Zabaniotou (2007). Agricultural residues as precursors for activated carbon production—a review. *Renewable and sustainable energy reviews* 11 (9), 1966-2005
- 143) A Zabaniotou, V Skoulou, A Karagiannidis (2007). Thermal Processing of animal and agricultural wastes with environmental safety. Journal Proceedings of the 11th International Waste Management and Landfill Symposium, Sardinia, Italy
- 144) Zabaniotou, A.A., Skoulou, V.K., Koufodimos, G.S., Samaras, Z.C., (2007). Investigation study for technological application of alternative methods for the energy exploitation of biomass/agricultural residues in northern Greece, *Thermal Science*, Vol. 11, No. 3, pp 115-123, 2007.
- 145) Zabaniotou, A.A., Skoulou, V.K., (2007). Application of pilot technologies for energy utilization of agricultural residues in northern Greece, *Thermal Science*, Vol. 11, No. 3, pp 125-134.
- 146) Zabaniotou, A., Damartzis, T., (2007). Modelling the intra-particle transport phenomena and chemical reactions of olive kernel fast pyrolysis, *Journal of Analytical and Applied Pyrolysis*, Vol. 80, No. 1, pp 187-194.
- 147) Skoulou, V., Zabaniotou, A., (2007). Investigation of agricultural and animal wastes in Greece and their allocation to potential application for energy production, *Renewable and Sustainable Energy Reviews*, Vol. 11, No. 8, pp 1698-1719.
- 148) Skodras, G., Diamantopoulou, I., Zabaniotou, A., Stavropoulos, G., Sakellaropoulos, G.P., (2007). Enhanced mercury adsorption in activated carbons from biomass materials and waste tires, *Fuel Processing Technology*, Vol. 88, No. 8, pp 749-758.
- 149) Ioannidou, O., Zabaniotou, A., (2007). Agricultural residues as precursors for activated carbon production-A review, *Renewable and Sustainable Energy Reviews*, Vol. 11, No. 9, pp 1966-2005,
- 150) Athanassiou, C., Coutelieris, F., Vakouftsi, E., Skoulou, V., Antonakou, E., Marnellos, G., Zabaniotou, A., (2007). From biomass to electricity through integrated gasification/SOFC system-optimization and energy balance, *International Journal of Hydrogen Energy*, Vol. 32, No. 3, pp 337-342
- 151) A Zabaniotou, V Skoulou, O Ioannidou (2007). Thermal treatment of energy crop residues: Alternatives for energy and materials production. 10th International conference on environmental science and technology, 5-7.
- 152) Zabaniotou, A., Oudenne, P.D., Jung, C.G., Fontana, A., (2005). Activated carbon production from char issued from used tyres pyrolysis: Industrial improvement, *Erdoel Erdgas Kohle*, Vol. 121, No. 4, pp 160-162.
- 153) Stavropoulos, G.G., Zabaniotou, A.A., (2005). Production and characterization of activated carbons from olive-seed waste residue, *Microporous and Mesoporous Materials*, Vol. 82, No. 1-2, pp 79-85
- 154) C Athanassiou, E Antonakou, A Lappas, A Zabaniotou (2005). Biomass thermochemical conversion for H2 production/electricity in solid oxide fuel cells. Proceedings of the international hydrogen energy congress and exhibition IHEC, 13-15.
- 155) Zabaniotou, A., Madau, P., Oudenne, P.D., Jung, C.G., Delplancke, M.P., Fontana, A., (2004). Active carbon production from used tire in two-stage procedure: Industrial pyrolysis and bench scale activation with H2O-CO2 mixture, *Journal of Analytical and Applied Pyrolysis*, Vol. 72, No. 2, pp 289-297.

- 156) Zabaniotou, A.A., Stavropoulos, G., (2003). Pyrolysis of used automobile tires and residual char utilization, *Journal of Analytical and Applied Pyrolysis*, Vol. 70, No. 2, pp 711-722.
- 157) Zabaniotou, A., Kassidi, E., (2003). Life cycle assessment applied to egg packaging made from polystyrene and recycled paper, *Journal of Cleaner Production*, Vol. 11, No. 5, pp 549-559.
- 158) Zabaniotou, A., Lagoudakis, J., Toumanidou, E., Stavropoulos, G., (2002). Energetic utilization of used tires, *Energy Sources*, Vol. 24, No. 9, pp 843-854.
- 159) Zabaniotou, A., Giannoulidis, N., (2002). Incineration of municipal solid waste with electricity production and environmental safety: The case of a small capacity unit in Greece, *Energy Sources*, Vol. 24, No. 2, pp 115-126
- 160) Sikalidis, C.A., Zabaniotou, A.A., Famellos, S.P., (2002). Utilisation of municipal solid wastes for mortar production, *Resources, Conservation and Recycling*, Vol. 36, No. 2, pp 155-167.
- 161) Zabaniotou, A.A., Roussos, A.I., Koroneos, C.J., (2000). Laboratory study of cotton gin waste pyrolysis, *Journal of Analytical and Applied Pyrolysis*, Vol. 56, No. 1, pp 47-59.
- 162) Zabaniotou, A.A., Kalogiannis, G., Kappas, E., Karabelas, A.J., (2000). Olive residues (cuttings and kernels) rapid pyrolysis product yields and kinetics, *Biomass and Bioenergy*, Vol. 18, No. 5, pp 411-420.
- 163) Zabaniotou, A.A., (2000). Simulation of forestry biomass drying in a rotary dryer, *Drying Technology*, Vol. 18, No. 7, pp 1415-1431.
- 164) Zabaniotou, A.A., Karabelas, A.J., (1999). The Evritania (Greece) demonstration plant of biomass pyrolysis, *Biomass and Bioenergy*, Vol. 16, No. 6, pp 431-445.
- 165) Zabaniotou, A.A., (1999). Pyrolysis of forestry biomass by-products in Greece, *Energy Sources*, Vol. 21, No. 5, pp 395-403.
- 166) Zabaniotou, A., Kouskoumvekaki, E., Sanopoulos, D., (1999). Recycling of spent lead/acid batteries: The case of Greece, *Resources, Conservation and Recycling*, Vol. 25, No. 3-4, pp 301-317.
- 167) Zabaniotou, A.A., Gogotsis, D., Karabelas, A.J., (1994). Product composition and kinetics of flash pyrolysis of Erica arborea (biomass), *Journal of Analytical and Applied Pyrolysis*, Vol. 29, No. 1, pp 73-87.
- 168) Depeyre, D., Flicoteaux, C., Arbabzadeh, F., Zabaniotou, A., (1992). Modeling of thermal steam cracking of an atmospheric gas oil, *Industrial and Engineering Chemistry Research*, Vol. v, No. n, pp 967-976.
- 169) Zabaniotou, A.A., Lappas, A.A., Kousidis, N., (1991). Flash pyrolysis of Greek lignite, *Journal of Analytical and Applied Pyrolysis*, Vol. 21, No. 3, pp 293-304.
- 170) Depeyre, D., Flicoteaux, C., Arbabzadeh, F., Zabaniotou, A., (1989). Modeling of thermal steam cracking of an atmospheric gas oil, *Industrials and Engineering Chemistry Research*®, Vol. 28, No. 7, pp 967-976.

Publications on R&TD Policy (European Commission)

- 171) Zabaniotou, M. Stratigaki* (1993). Commission Framework Program for R@T and women participation. Proc. of the European Workshop *Women in Science, Research and Technology*. Brussel, mars 1993.
- 172) Zabaniotou (1993). Comparison of R@T policy of objective 1 countries: Greece, Ireland, and Portugal. Proc. of the Conference: SAST days in Athens- Challenges for strategic choices in S/T policy at Community & National levels, (organized by MONITOR -SAST, DGXII, C.C.E). Athens. 11-12 mars 1993.
- 173) Zabaniotou*, H. Logue, A. Gribben (1993). Rapport final de la Conférence : Recherche et Développement aux pays de l'Europe Centrale et Orientale; Application des principes du STRIDE", C.C.E, DGXII-A et DGI, Bruxelles, 28-30 mars 1993.
- 174) Zabaniotou*, V.Vitorino (1991). Comparaison des politiques de la recherche et développement des pays d'objectif 1 (Grèce, Irlande, Portugal), par le 1er Programme Communautaire d'Appui (P.C.A) et par STRIDE. CREST, La Commission Européenne, DGXII, Bruxelles. Juin 1991.
- 175) Zabaniotou*, H. Logue (1991). Rapport final du 2eme séminaire STRIDE à l'Université de Thessalonique en Grèce, 25-27 septembre 1991, organisé par la Direction Générale XII, Science, Recherche et Développement, C.C.E.

Presentations at Conferences and Workshops

1. Anastasia Zabaniotou, (2020). The Mediterranean Engineering Schools Network Advances Changes in Gender Equality at the Mediterranean Higher Engineering Education. The *Mediterranean Scientific Association of Environmental Protection (MESAEP) Conference 2020*. 26-27 October 2020, online
2. Anastasia Zabaniotou (2020). 'The Role of the RMEI Network as Living Lab for Sustainable Development and Gender Equality in Mediterranean Higher Engineering Education with the Support of TARGET project'. *4th Euro-Mediterranean Conference "Visioning MED'* 9-10 October 2020, Athens Greece, Hybrid.

3. Anastasia Zabaniotou (2020). 'MED in Transition – Equal Female in the Mediterranean for Strengthening Resilience to Climate Change-based Disasters. *4th Euro-Mediterranean Conference "Visioning MED "*, 9-10 October 2020, Athens Greece. Hybrid.
4. Anastasia Zabaniotou (2020). "Gender Equality through Networking, Collaborative Learning, Synergies and Commitment to SDGs-The Mediterranean Engineering Schools network approach and the EU TARGET project'. *Eighth Annual International Conference on Sustainable Development (ICSD)*, September 21 to September 22, 2020, organized by the Global Association of the Master's in Development Practice Programs in partnership with the Sustainable Development Solutions Network (SDSN), online.
5. Anastasia Zabaniotou (2020). How a Network can contribute to Knowing and Capacity building on Gender Equality in Engineering and Management Mediterranean Institutions. *3rd ARTEM OCC conference, Creativity, Innovation and Sustainability in the Age of Disruptions: Dealing with Global Challenges through Trans- and Interdisciplinary Approaches*. March 2020 Chemnitz University of Technology in Chemnitz, Germany. Cancelled due to Covid-19
6. A Zabaniotou (2020). Learning and Capacity building on Gender Equality- the Paradigm of a Mediterranean Network and TARGET project. *10th International Conference of Engineering Education for Sustainable Development (EESD2020/21)* University of Cork, June 2020. Cancelled due to Covid19
7. A Zabaniotou (2020). Planning and monitoring of gender equality activities by the Mediterranean Engineering Schools network (RMEI), guided and supported by the TARGET project. *XI European Conference of Gender Equality in the Higher education*, Madrid, on 16-18th September 2020. Cancelled due to Covid19
8. Anastasia Zabaniotou (2019). Good practice CoP Experiences: Gender Equality in R&I and HE: The role of RMEI. *1st ACT International Synergy Conference- Building Communities of Practice for Accelerating Gender Equality and Institutional Change in Research and Innovation*, Brussels, 25th February 2019.
9. Anastasia Zabaniotou (2019). The role of RMEI network of Engineering Schools and Management in Sustainable Development Goals and Gender Equality of the Mediterranean Countries. *Balkan Universities Association 2019 Conference – 5th Meeting of the Balkan Universities Association (BUA)*, Thessaloniki, 16-18 April 2019.
10. Anastasia Zabaniotou (2019). TARGET: TAKING a Reflexive approach to Gender Equality for institutional Transformation. *International Conference on Humanity and Peace (SoH): living in harmony in a world of differences*. Reykjavik, 30 May 2019 – 2 June 2019.
11. Anastasia Zabaniotou (2019). The role of RMEI network in Sustainable Development Goals of the Engineering Schools of the Mediterranean Countries in synergy with Gender Equality in academia-The TARGET project'. *Acceptability Study (SAS) Network and Collaboration for the International seminar "Towards sustainable tomorrows (TST): From sound concepts to sound practice"*, Espoo, Finland, 31st October-1st November 2019.
12. A. Zabaniotou (2019). RMEI, GAME AND TARGET project. *VII MICHELANGELO WORKSHOP: RISKS & RESILIENCE in NETWORKS and GENDER INEQUALITIES-Building bridges within the Mediterranean among high-education experts and young engineers*, Rome, 16-30 June 2019.
13. A. Pritsa, E. Kyriakou, C. Ketzitidis, N. Kalmoukidis, A. Zabaniotou (2019). Resilience and gender equality: the case of the wildfire in Attiki- synergy with TARGET project. *VII MICHELANGELO WORKSHOP: RISKS & RESILIENCE in NETWORKS and GENDER INEQUALITIES-Building bridges within the Mediterranean among high-education experts and young engineers*, Rome, 16-30 June 2019.
14. A. Zabaniotou, M Guarascio (2019). GAME and Gender Equality activities. RMEI, GAME AND TARGET project. *VII MICHELANGELO WORKSHOP: RISKS & RESILIENCE in NETWORKS and GENDER INEQUALITIES-Building bridges within the Mediterranean among high-education experts and young engineers*, Rome, 16-30 June 2019.
15. Arnaldo José de Hoyos Guevera¹, Daniela Gasperin, Christine Syrgiannis, Anastasia Zabaniotou, Ivani Fazenda (2019). Awareness of the Worth of Life Within/Without for Systemic Resilience under Climate Change Disasters-The Amazon Biome and the Gender-Differentiated Vulnerability. *International Conference on Innovation & Management (ICIM2019)*. 26 - 28 Nov 2019, Jaén, Spain.
16. Anastasia Zabaniotou (2019). Linking gender equality and Bleu Economy. *Sea GEM: SEA GREEN ECONOMY for MEDITERRANEAN. HOMERe-GAME SYMPOSIUM*, Civitavecchia, Italy, March 28th, 2019.
17. Anastasia Zabaniotou (2018). TARGET strategy within RMEI and GAME: TAKING a Reflexive approach to Gender Equality for institutional Transformation. *World Renewable Energy Congress & Exhibition (WREN/WREC)*, London, Kingston University, 30 July 2018 – 3 August 2018.
18. Anastasia Zabaniotou (2018). RMEI on TARGET: TAKING a Reflexive approach to Gender Equality for institutional Transformation. *International Conference on Humanities and Higher Education (GUNI): Generating Synergies between Science, Technology and Humanities*, 19 – 20 November 2018, Barcelona, Spain.

19. Anastasia Zabaniotou (2018). RMEI introduction and initial expectations with regard to GEP implementation in RMEI network. *Forum de Convergence ENISo-Entreprises_8ème édition*, École Nationale d'Ingénieurs de Sousse, TUNISIA, 5 December 2018.
20. A Zabaniotou (2017). Targeting a reflective transformation on gender equality in Higher Education. Bridging the future: The Women's perspective. 1st Women Conference, Novedrate ITALY, 23 – 25 November 2017.
21. A. Zabaniotou, (2018). 'The Mediterranean Network RMEI on TARGET: Taking a Reflexive approach to Gender Equality for institutional Transformation'. International Conference on Humanities and Higher Education: Generating Synergies between Science, Technology and Humanities. CosmoCaixa Science Museum, Barcelona, 19-20th November 2018.
22. A. Zabaniotou, Chr. Syrgiannis, (2017). 'Awareness of the Inner Creative Processes of Worth towards Sustainable Development'. 2nd ARTEM Organizational Creativity and Sustainability International Conference, Nancy, FRANCE, September 14th to 16th, 2017.
23. A. Zabaniotou, (2016). 'Anthropogenic Climate Changes and Social Upheavals -Major Issues from RE-GREECE 2016 Symposium', MICHELANGELO WORKSHOP, Rome, 13-15 October, 2016.
24. P. Kamaterou, A. Zabaniotou, 'The SCG biorefinery concept as a green and sustainable chemistry strategy'. 17TH INTERNATIONAL CONFERENCE ON CHEMISTRY AND THE ENVIRONMENT, Thessaloniki, Greece, 16-20 June 2019.
25. D. Fytili, A. Zabaniotou, 'decentralised Thermochemical Systems for bioenergy and biochar fuelled with agro-industrial wastes and social acceptance'. 17TH INTERNATIONAL CONFERENCE ON CHEMISTRY AND THE ENVIRONMENT, Thessaloniki, Greece, 16-20 June 2019.
26. A. Zabaniotou, 'Communities of Practice for Accelerating Gender Equality and Institutional Change in Research and Innovation across Europe', 1st ACT International Synergy Conference, Brussels, 25th February 2019.
27. A. Zabaniotou, 'The role of RMEI in Sustainable Development Goals of the Mediterranean Countries'. Balkan Universities Association 2019 Conference – 5th Meeting of the Balkan Universities Association (BUA), Thessaloniki, 16-18 April 2019.
28. A. Zabaniotou, 'Sustainable Use of Bioresources in the context of Bioeconomy and Circular Economy'. ECOCITY FORUM 2018-CIRCULAR ECONOMY and SMART CITIES. Thessaloniki, Greece, 3-5 October 2018
29. A. Zabaniotou, 'BIOENERGY: Back to the Future'. ECOCITY FORUM 2018-CIRCULAR ECONOMY and SMART CITIES. Thessaloniki, Greece, 3-5 October 2018.
30. A. Zabaniotou, 'The Mediterranean Network RMEI on TARGET: Taking a Reflexive approach to Gender Equality for institutional Transformation'. International Conference on Humanities and Higher Education: Generating Synergies between Science, Technology and Humanities, CosmoCaixa Science Museum, Barcelona, 19-20th November 2018.
31. F.I. Chtzisarlis, A. Zabaniotou, '3D-PPRINTING IN THE CONTEXT OF CIRCULAR ECONOMY AS A POTENTIAL TECHNOLOGY FOR SUSTAINABLE PRODUCTION' ICEIRD2018- International Conference on Innovation, Entrepreneurship, economic Growth for Sustainable Development. Doha, QATAR, 29-31 October 2018.
32. A. Zabaniotou, 'Small gasification/pyrolysis systems advocating Circular Economy-Latest advancements, innovations and strategic objectives. ISGA6-6th International Conference on Gasification and its applications. Chengdau, China, 25-28 October 2018.
33. A. Zabaniotou, 'S&T development of Biomass/Wastes Energy and Environment-Thermochemical conversion in Circular economy and Bioeconomy'. 2018 International Biomass/wastes Energy and Environment Research Cooperative Network (IBEE-RCN)" , Tianjin University, China, 29-30 October 2018.
34. A. Zabaniotou, 'Sustainable Bioenergy in the context of Bioeconomy and Circular Economy-Latest advancements, innovations and strategic objectives'. WEF18-2018 World Energy Forum, Inner Mongolia, China, 10-13 August 2018.
35. A. Zabaniotou, 'Biowaste to energy in Circular Economy'. International Conference of Renewable energy, Kingston, UK, 1-5 August 2018.
36. A. Zabaniotou, 'The role of Biomass and Bioenergy in the Bioeconomy and Circular Economy-Focus on thermochemical systems. WECO- Waste to Energy: Challenges & Opportunities, Shanghai, China, 9 -11 Nov. 2017
37. A. Zabaniotou, 'Conceptual vision of a sustainable Circular waste-based Bioeconomy development in Mediterranean Regions. MEDITERRANEAN WORKSHOP, Napoli, Italy, 23-24 October 2017
38. A. Zabaniotou, 'Thermochemical conversion of bio-resources in the context of Bio-economy and Circular Economy. Strategic aspects, research projects, innovation and collaboration activities'. Environmental Science Conference, University of East Finland, Juussu, 15-16 May, 2017.

39. A. Zabaniotou, 'Thermochemical conversion of bio-resources in the context of Bio-economy and Circular Economy for the Mediterranean countries. Workshop on Biorefineries and Bioeconomy, Gela, Sicily, Italy, 25-26 May 2017.
40. Chr. Syrgiannis, A. Zabaniotou, 'Awareness of the Inner Creative Processes of Worth towards Sustainable Development'. 2nd ARTEM Organizational Creativity and Sustainability International Conference, Nancy, FRANCE, September 14th to 16th, 2017.
41. A. Zabaniotou, N. Antoniou, 'DEVELOPMENT OF AN INTEGRATED SYSTEM FOR END OF LIFE TYRES (ELTs) PYROLYSIS TO ENERGY AND CARBONACEOUS MATERIAL PRODUCTION: EXPERIMENTAL PROOF OF CONCEPT, CONCEPTUAL DESIGN AND SCALE UP at TRL7'. 5th International Conference on Sustainable Solid Waste Management, Athens, Greece, 21-24 June 2017.
42. P. Kamaterou, A. Zabaniotou. 'Sustainable Mediterranean biomass biorefineries: biochar and biomaterials' production. 6th International Conference on Environmental Management, Engineering Planning and Economics (CEMEPE) and SECOTOX Conference, Thessaloniki, Greece, 25-30/6/2017
43. P. Kamaterou, A. Zabaniotou, 'Sustainable Mediterranean biomass biorefineries: biochar and biomaterials' production. 11th Panhellenic Chemical Engineering Scientific Conference. Thessaloniki, Greece, 25-27 May, 2017.
44. R. Ktori, P. Kamaterou, A. Zabaniotou. 'Spent coffee grounds valorization through pyrolysis for energy and materials production in the concept of circular economy'. 11th Panhellenic Chemical Engineering Scientific Conference. Thessaloniki, Greece, 25-27 May 2017.
45. P. Kamaterou, P., Manara, E., Choleva E., A. Zabaniotou 'Sustainable algal biorefinery: biomass and biorefinery residues thermochemical conversion for biofuels and green materials production'. International Symposium and Workshop, Re-Greece 2016, Nisyros Island, Greece. 20-22 July 2017.
46. A. Zabaniotou, 'Pilot scale pyrolysis products', ETRA, The 24th Annual Tyre Recycling Conference-Focus on the future :Circular Economy. The NH Sablon Hotel, Brussels, 24 March 2017.
47. A. Zabaniotou, 'Thermochemical conversion of bio-resources in the context of Bio-economy and Circular Economy. Strategic aspects, research projects, innovation and collaboration activities'. Environmental Science Conference, University of Est Finland, Juansuu, 15-16 May, 2017.
48. A. Zabaniotou, ICSEF 2017- International Conference on Sustainable Energy and Resource Use in Food Chains, Brunel University, UK, 19-21 April 2017.
49. A. Zabaniotou, 'Anthropogenic Climate Changes and Social Upheavals -Major Issues from RE-GREECE 2016 Symposium', MICHELANGELO WORKSHOP, Rome, 13-15 October, 2016.
50. P. Kamaterou, N. Antoniou, V. Kachrimanidou, A. Vlysidis A., Koutinas A., Zabaniotou, ' Zero waste sunflower biorefinery via slow pyrolysis of waste streams. International Conference "Novel Methods for Integrated Exploitation of Agricultural by-Products", Convention Center, Thessaloniki, Greece. 16-17 November 2015.
51. A. Zabaniotou A., Kamaterou P., Francavilla M., 'Biochar production in algal biorefineries. Mediterranean Green Energy Forum, Marrakesh, Morocco, 26-28 March 2015.
52. P. Manara, A. Zabaniotou, "Implementation of agrowaste bioenergy in Mediterranean countries with sustainability", Tinos2015, Sustainable Solid Waste Management, 2-4/07/2015.
53. P. Manara, M. Ganesapillai, A. Zabaniotou, "Effect of process parameters on the microwave assisted pyrolysis of biomass blends with glycerol". International Biorefinery for Food, Fuels and Materials 2015 symposium, BFFM, 2015, Montpellier SupAgro, France, 15-17 /06/2015.
54. P. Manara, M. Ganesapillai, A. Zabaniotou, "Microwave pretreatment of residual biomass blends with crude glycerol prior to pyrolysis by means of the GlyCo Bio-Diesel Project concept", Industrial Waste & Wastewater Treatment & Valorisation, IWWATV 2015, President Hotel, Athens, Greece, 21 - 23/05/2015.
55. A. Zabaniotou, P. Manara, D. Rovas, "Sustainability assessment of CHP production through biomass and waste glycerol gasification", Mediterranean Green Energy Forum, RMEI, March 26th -28th, Marrakesh, Morocco, 26-28/03/2015.
56. P. Manara, D. Rovas, A. Zabaniotou, "Reduced Environmental Footprint of Biodiesel Production by Valorizing Waste Glycerol on site - The GLY-CO BIODIESEL Project", 4th International Conference on Industrial and Hazardous Waste Management, IHWM, Chania, Crete Island, 02-05/09/2014.
57. P. Manara, D. Rovas, A. Zabaniotou, "Eco-efficient small-scale biodiesel production by valorizing crude glycerol in-situ via co-gasification with biomass - The GLY-CO Bio-Diesel project", 12th International Conference on Protection and Restoration of the Environment, PRE, Skiathos Island, Greece, 29/06/2014--03/07/2014.
58. P. Manara, A. Zabaniotou, "Advanced biomass-based alternative fuels for syngas production via small scale gasification systems: feedstock pretreatment with crude glycerol", 22nd European Biomass Conference & Exhibition, Hamburg, Germany, 23-26/06/2014.

59. P. Manara, A. Zabaniotou, "Criteria for the sustainability assessment of CHP production through biomass and waste glycerol gasification", 22nd European Biomass Conference & Exhibition, Hamburg, Germany, 23-26/06/2014.
60. M. Francavilla, P. Manara, A. Zabaniotou, M. Monteleone, "Cascading approach of algae treatment to obtain value-added products and fuels", 22nd European Biomass Conference & Exhibition, Hamburg, Germany, 23-26/06/2014.
61. P. Manara, A. Zabaniotou, "Industrial symbiosis of biodiesel plants and agricultural biomass-based energy plants via co-gasification of crude glycerol waste streams with agricultural residues: The GlyCo Bio-Diesel Project", Symbiosis conference 2014, Athens Greece, 19-21/06/2014.
62. P. Manara, A. Zabaniotou, "Lignite Power Generation plant could potentially use crude glycerol by-product of biodiesel existing plants in Greece as alternative fuel in an industrial symbiosis perspective -the Glyco Project", Symbiosis conference 2014, Athens Greece, 19-21/06/2014.
63. P. Manara, M. Francavilla, A. Zabaniotou, M. Monteleone, "Thermogravimetric characteristics and pyrolysis of red seaweed *Gracilaria gracilis* residue", ATHENS2014 International Conference, Athens, Greece, 12-14/06/2014
64. P. Manara, A. Zabaniotou, C. Vanderghem, A. Richel, "Lignocellulosic biomass pretreatment impact on the extracted lignins chemical structure", 4th International workshop of COST Action CM0903 (UBIOCHEM IV): Utilization of Biomass for Sustainable Fuels & Chemicals, Valencia, Spain, 14-16/10/2013.
65. A. Zabaniotou, P. Manara, D. Mertzis, Z. Samaras, Metrics for the sustainability assessment of CHP production through biomass and waste glycerol gasification, , 8th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES2013), Dubrovnik - Croatia, 22-27/09/2013.
66. A. Zabaniotou, P. Manara, D. Mertzis, Z. Samaras, Assessment of CHP production through biomass and waste glycerol gasification, CEMEPE/ SECOTOX 2013 Conference, Myconos island Greece, 24-28 /06//2013.
67. P. Mitsakis, D. Mertzis, S. Tsiakmakis, P. Manara, A. Zabaniotou and Z. Samaras, Combined heat and power production from agricultural biomass by means of gasification and Internal Combustion Engine application, 4th International Conference on Renewable Energy Sources & Energy Efficiency –New Challenges, Nicosia, Cyprus, 06-07/06//2013.
68. A. Zabaniotou, P. Manara, "Sustainability assessment of small scale bioenergy systems", 3rd International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-3), Nisyros island, Greece, 7-9/07/2013.
69. D. Mertzis, P. Mitsakis, S. Tsiakmakis, I. Kavvadas, P. Manara, A. Zabaniotou, Z. Samaras, "Agricultural residue utilisation for Combined Heat and Power (CHP) generation: The SMART-CHP project", 21st European Biomass Conference & Exhibition, Copenhagen, Denmark, 03-07 /06//2013.
70. P. Mitsakis, D. Mertzis, P. Manara, S. Tsiakmakis, I. Kavvadas, Z. Samaras, A. Zabaniotou, "A small-scale agricultural biomass Combined Heat and Power (CHP) system: The SMART – CHP project", 2nd International Conference on Communications, Computing and Control Applications (CCCA'12) at Marseilles, France, 6-8/12/2012.
71. P. Manara, E.S. Vasiliadou, A.A. Lemonidou, A. Zabaniotou, The Perspective of Waste Glycerol Valorization into Energy, Asphalt Additives and Polyols – The glycol-biodiesel Project, Bio4Sud, International Conference on Biofuels for Sustainable Development of Southern Europe, Thessaloniki, Greece, 19-20/11/2012.
72. D. Mertzis, St.Tsiakmakis, P. Manara, A. Zabaniotou and Z. Samaras, "Sustainable production of electricity from biomass-Demonstration results of a mobile agro-biomass gasification ICE unit for decentralised CHP production"3rd International workshop of COST Action CM0903 (UBIOCHEM): Sustainable production of fuels/energy, materials & chemicals from biomass, Thessaloniki, Greece, 1-3/11/2012.
73. E.S. Vasiliadou P. Manara, A. Zabaniotou, A.A. Lemonidou, "Glycerol based biorefinery",3rd International workshop of COST Action CM0903 (UBIOCHEM): Sustainable production of fuels/energy, materials & chemicals from biomass, Thessaloniki, Greece, 1-3/11/2012.
74. P. Manara, A. Richel and A. Zabaniotou, "Mediterranean lignocellulosic biomass delignification and lignin valorization into high-added value components", "3rd International workshop of COST Action CM0903 (UBIOCHEM): Sustainable production of fuels/energy, materials & chemicals from biomass, Thessaloniki, Greece, 1-3/11/2012.
75. A. Zabaniotou and P. Manara, "Integrated Environmental Methodologies in Small and Medium Scale Bio-diesel Producers by Valorizing Crude Glycerol into Synthetic Optimized Biomass Based Fuel the GlyCo-Biodiesel Project", 21st European Biomass Conference and Exhibition, Milan, Italy, 18-22/06/2012.
76. P. Manara and A. Zabaniotou, "Alternative fuels from waste glycerol", Athens 2012: International Conference on Sustainable Solid Waste Management, Athens, Greece, 28-29/06/2012.
77. A. Zabaniotou and P. Manara, "Energetic co-valorization of crude glycerol with lignite", EMR 2012, Energy and Materials Conference, Torremolinos, Spain, 020-22/06/2012.

78. A. Zabaniotou and P. Manara, "Integrated Environmental Methodologies in Small and Medium Scale Bio-diesel Producers by Valorizing Crude Glycerol into Synthetic Optimized Biomass Based Fuel the GlyCo-Biodiesel Project", 21st European Biomass Conference and Exhibition, Milan, Italy, 18-22/06/2012
79. P. Manara and A. Zabaniotou, "Valorization of waste glycerol via co-pyrolysis with lignite: THE GLYCO – BIODIESEL PROJECT", Pre11, Scientific Conference, Protection and Restoration of the Environment, Thessaloniki, Greece, 3-6/07/2012.
80. P. Manara and A. Zabaniotou, "Mediterranean lignocellulosic material valorization into energy and high-added value components", UBIOCHEM Workshop, Meeting on Green Metrics in Lyon Villeurbanne, 02-03/02/2012.
81. P. Manara and A. Zabaniotou "Alternative Disposal and Recycling Routes of Sewage Sludge-Bio-Fuels Production via Thermochemical Conversion", 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP, Ioannina, Greece, 24-24-7/09/2011.
82. P. Manara and A. Zabaniotou, "The Prospect of Wastewater-Grown Algal Biomass for Third Generation Bio-Fuels", International Conference on Materials and Technologies for Green Chemistry, Tallinn, Estonia, 5-9/09/2011.
83. A. Zabaniotou, V. Skoulou, P. Manara, Z. Samaras, G. Fodaras, G. Zanakis and N. Mariolis, "Integrated study and management of energy crops and their residues for biofuels and Green Energy production in Greece" Pre10, Scientific Conference, Protection and Restoration of the Environment, Corfu (kerkyra), Greece, 5-9/07/2010.
84. P. Manara and A. Zabaniotou, "Bio-energy, Innovation and Entrepreneurship - Mediterranean agricultural biomass valorization into energy", 2nd Michelangelo Workshops of Civitavecchia: The Mediterranean is facing major challenges through its Youth, Civitavecchia, Italy, 13-14/04/2012.
85. P. Manara and A. Zabaniotou, "Biomass and Waste Valorization for Sustainable Development in Mediterranean countries" 1st Michelangelo Workshops of Civitavecchia: The Mediterranean is facing major challenges through its Youth, Civitavecchia, Italy, 11-13/09/2011.
86. P. Manara, A. Zabaniotou, A. Richel. Extraction of lignin from Mediterranean agro-wastes: correlation between pretreatment conditions and lignin chemical structure. UBIOCHEM Workshop in Palermo: Molecules, methods and metrics, Italy, 24&25/1/2013.
87. P. Manara and A. Zabaniotou, "Innovation and entrepreneurship in the bioenergy sector", Green School, Kilkis, 30/06/2012.
88. P. Manara, M. Rovas D. Zabaniotou, "Sustainable bioenergy production via valorization of olive oil production chain residues", 10o National Conference for Renewable Energy Sources, Thessaloniki, Greece, 26 – 28/11/2015.
89. P. Manara, A. Zabaniotou, "Biomass pretreatment: Greek and Mediterranean biorefineries", Innovative technologies for the valorization of Agroresidues, Event CERTH Convention Center, Thessaloniki, 19-20/11/2013.
90. P. Manara, A. Zabaniotou, "Bioenergy production via exploitation of side waste streams from olive oil, wine and fruit agro-industries", Innovative technologies for the valorization of Agro-residues, Event CERTH Convention Center, Thessaloniki, 19-20/11/2013.
91. D. Mertzis, S.Tsiakmakis, P. Manara, P. Mitsakis, A. Zabaniotou and Z. Samaras, Demonstrative operation of a small, mobile gasification system for decentralized bioenergy production via exploitation of agro-residues, Conference of the Technical Chamber of Greece, Environment and Development, Athens, 12-14/12/2012.
92. P. Kamaterou P., A. Zabaniotou, 'Biofuels production from microalgae. 10 National Conference for Renewable Energy Sources, Thessaloniki, Greece. 26-28 November 2014.
93. Karapanagiotis I., Kamaterou P., Mantzouris D., (2013). An improved HPLC method coupled to PCA analysis for the assessment of the biological source of Tyrian Purple used in objects of the Mediterranean cultural heritage. 8th International Conference IMA 2013 "Instrumental Methods of Analysis - Modern Trends and Applications", 15-19/9/2013, Thessaloniki, Greece
94. P. Kamaterou, A. Zabaniotou, 'Sustainable Mediterranean biomass biorefineries: biochar and biomaterials' production'. CEMEPE-6th INTERNATIONAL CONFERENCE ON ENVIRONMENTAL MANAGEMENT, ENGINEERING PLANNING AND ECONOMICS (CEMEPE) AND SECOTOX CONFERENCE. THESSALONIKI, GREECE, 25-30 June 2017.
95. P. Kamaterou, P. Manara, E. Choleva, A. Zabaniotou, "Pyrolysis as a valorization method of algal biorefineries side streams for char production". International Conference on Novel Methods for Integrated Exploitation of Agricultural by-Products, CERTH Convention Center, Thessaloniki, Greece, November 16 – 17, 2015.
96. P. Kamaterou, N. Antoniou, V. Kachrimanidou, A. Vlysidis, A. Koutinas, A. Zabaniotou, "Zero waste sunflower biorefinery via slow pyrolysis of waste streams." International Conference on Novel Methods for Integrated Exploitation of Agricultural by-Products, CERTH Convention Center, Thessaloniki, Greece, November 16 – 17, 2015.

97. A. Zabaniotou and N. Antoniou, "Environmental and resource efficient management of End of Life Tyres via pyrolysis: the DEPOTEC LIFE+ concept", 18th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP, Crete, Greece, September 26 – 30, 2015.
98. N. Antoniou and A. Zabaniotou, "Towards an integrated depolymerisation option of End of Life Tyres into carbon materials by means of the DEPOTEC LIFE+ concept", 3rd International Conference on Sustainable Solid Waste Management, Tinos island, Greece, July 2 – 4, 2015.
99. P. Manara, A. Zabaniotou "Implementation of agrowaste bioenergy in Mediterranean countries with sustainability", 3rd International Conference on Sustainable Solid Waste Management, Tinos island, Greece, July 2 – 4, 2015.
100. M. Ganesapillai, P. Manara, A. Zabaniotou, "Effect of process parameters on the microwave assisted pyrolysis of biomass blends with glycerol." International Biorefinery for Food, Fuels and Materials 2015 symposium, Montpellier SupAgro, France, June 15 – 17, 2015.
101. F. Monlau, N. Antoniou, C. Sambusiti, A. Zabaniotou and A. Barakat, "New valorization outputs for solid anaerobic digestate: biofuels and pyrolysis process", Biorefinery for Food, Fuels and Materials 2015 symposium, Montpellier SupAgro, France, June 15 – 17, 2015.
102. P. Manara, M. Ganesapillai, A. Zabaniotou, "Microwave pretreatment of residual biomass blends with crude glycerol prior to pyrolysis by means of the GlyCo Bio-Diesel Project concept", Industrial Waste & Wastewater Treatment & Valorisation, IWWATV 2015, President Hotel, Athens, Greece, May 21 – 23, 2015.
103. A. Zabaniotou, P. Manara, D. Rovas, "Sustainability assessment of CHP production through biomass and waste glycerol gasification", Mediterranean Green Energy Forum, RMEI, Marrakesh, Morocco, March 26 – 28, 2015.
104. A. Zabaniotou, P. Kamaterou, M. Francavilla, "Biochar production in algal bio-refineries." Mediterranean Green Energy Forum, RMEI, Marrakesh, Morocco, March 26 – 28, 2015.
105. P. Manara, D. Rovas, A. Zabaniotou, "Sustainable bioenergy production via valorization of olive poi production chain residues", 10th National Conference for Renewable Energy Sources, Thessaloniki, Greece, November 26 – 28, 2014.
106. P. Kamaterou, A. Zabaniotou. "Biofuels production from microalgae." 10th National Conference for Renewable Energy Sources, Thessaloniki, Greece, November 26 – 28, 2014.
107. P. Manara, D. Rovas, A. Zabaniotou, "Reduced Environmental Footprint of Biodiesel Production by Valorizing Waste Glycerol on site - The GLY-CO BIODIESEL Project", 4th International Conference on Industrial and Hazardous Waste Management, IHWM, Chania, Crete, September 2 – 5, 2014.
108. P. Manara, D. Rovas, A. Zabaniotou, "Eco-efficient small-scale biodiesel production by valorizing crude glycerol in-situ via co-gasification with biomass - The GLY-CO Bio-Diesel project", 12th International Conference on Protection and Restoration of the Environment, PRE, Skiathos, Greece, June 29 – July 3, 2014.
109. A. Zabaniotou, N. Antoniou and G. Bruton, "Reduced environmental footprint by an integrated approach of EOL tyres depolymerisation (DEPOTEC LIFE+ project)", 12th International Conference on Protection and Restoration of the Environment, Skiathos island, Greece, June 29 – July 3, 2014.
110. P. Manara, A. Zabaniotou, "Advanced biomass-based alternative fuels for syngas production via small scale gasification systems: feedstock pretreatment with crude glycerol", 22nd European Biomass Conference & Exhibition, Hamburg, Germany, June 23 – 26, 2014.
111. P. Manara, A. Zabaniotou, "Criteria for the sustainability assessment of CHP production through biomass and waste glycerol gasification", 22nd European Biomass Conference & Exhibition, Hamburg, Germany, June 23 – 26, 2014.
112. M. Francavilla, P. Manara, A. Zabaniotou, M. Monteleone, "Cascading approach of algae treatment to obtain value-added products and fuels", 22nd European Biomass Conference & Exhibition, Hamburg, Germany, June 23 – 26, 2014.
113. P. Manara, A. Zabaniotou, "Industrial symbiosis of biodiesel plants and agricultural biomass-based energy plants via co-gasification of crude glycerol waste streams with agricultural residues: The GlyCo Bio-Diesel Project", Symbiosis conference 2014, Athens Greece, June 19 – 21, 2014.
114. P. Manara, A. Zabaniotou, "Lignite Power Generation plant could potentially use crude glycerol by-product of biodiesel existing plants in Greece as alternative fuel in an industrial symbiosis perspective -the Glyco Project", Symbiosis conference 2014, Athens, Greece, June 19 – 21, 2014.
115. P. Manara, M. Francavilla, A. Zabaniotou, M. Monteleone, "Thermogravimetric characteristics and pyrolysis of red seaweed *Gracilaria gracilis* residue", ATHENS2014 International Conference, Athens, Greece, June 12 – 14, 2014.
116. P. Manara, A. Zabaniotou, "Biomass pretreatment: Greek and Mediterranean biorefineries", Event in Innovative technologies for the valorization of Agro-residues, Thessaloniki, Greece, November 19 – 20, 2013.

117. P. Manara, A. Zabaniotou, "Bioenergy production via exploitation of side waste streams from olive oil, wine and fruit agro-industries", Event in Innovative technologies for the valorization of Agro-residues, Thessaloniki, Greece, November 19 – 20, 2013.
118. P. Kamaterou, I. Karapanagiotis, D., Lampakis, A., Zachos, O. Abdel-Kareem, A. Zabaniotou 'Comparison of FT-Raman and HPLC-DAD methods for the identification of dyes in textile samples from Faiyoum, Egypt.' 8th International Conference IMA 2013 "Instrumental Methods of Analysis-Modern Trends and Applications", Thessaloniki, Greece. 15-19 September 2013,
119. P. Manara, A. Zabaniotou, C. Vanderghem, A. Richel, "Lignocellulosic biomass pretreatment impact on the extracted lignins chemical structure", 4th International workshop of COST Action CM0903 (UBIOCHEM IV): Utilization of Biomass for Sustainable Fuels & Chemicals, Valencia, Spain, October 14 – 16, 2013.
120. A. Zabaniotou, P. Manara, D. Mertzis, Z. Samaras, "Metrics for the sustainability assessment of CHP production through biomass and waste glycerol gasification", 8th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES2013), Dubrovnik, Croatia, September 22 – 27, 2013.
121. A. Zabaniotou, N. Antoniou, G. Stavropoulos, Bruton G., "Technical and sustainability assessment of used tyres valorisation through depolymerisation", 8th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES2013), Dubrovnik, Croatia, September 22 – 27, 2013.
122. A. Zabaniotou, P. Manara, "Sustainability assessment of small scale bioenergy systems", 3rd International Exergy, Life Cycle Assessment and Sustainability Workshop & Symposium (ELCAS-3), Nisyros, Greece, July 7 – 9, 2013.
123. N. Antoniou, A. Zabaniotou, "Technical and Sustainability Assessment of End of Life Tyres Depolymerisation", 3rd ELCAS Conference, Nisyros, Greece, July 7 - 9, 2013.
124. A. Zabaniotou, P. Manara, D. Mertzis, Z. Samaras, "Assessment of CHP production through biomass and waste glycerol gasification", CEMEPE & SECOTOX Conference, Mykonos, Greece, June 24 – 28, 2013.
125. A. Zabaniotou, N. Antoniou, G. Stavropoulos, G. Bruton G., "Novel sorbent materials for environmental remediation via depolymerisation of used tyres", 4th CEMEPE & SECOTOX Conference, Mykonos, Greece, June 24 – 28, 2013.
126. P. Mitsakis, D. Mertzis, S. Tsiakmakis, P. Manara, A. Zabaniotou, Z. Samaras, "Combined heat and power production from agricultural biomass by means of gasification and Internal Combustion Engine application", 4th International Conference on Renewable Energy Sources & Energy Efficiency - New Challenges, Nicosia, Cyprus, June 6 – 7, 2013.
127. D. Mertzis, P. Mitsakis, S. Tsiakmakis, I. Kavvadas, P. Manara, A. Zabaniotou, Z. Samaras, "Agricultural residue utilisation for Combined Heat and Power (CHP) generation: The SMART-CHP project", 21st European Biomass Conference & Exhibition, Copenhagen, Denmark, June 3 – 7, 2013.
128. A. Zabaniotou, N. Antoniou, G. Stavropoulos G. Bruton, "Challenges and Barriers for the ELT depolymerisation", 20th Annual ETRA Conference, Brussels, Belgium, March 20 – 22, 2013.
129. P. Manara, A. Zabaniotou, A. Richel, "Extraction of lignin from Mediterranean agro-wastes: correlation between pretreatment conditions and lignin chemical structure.", UBIOCHEM Workshop in Palermo: Molecules, methods and metrics, Italy, January 24 – 25, 2013
130. A. Zabaniotou, N. Antoniou, "Challenges and barriers for End of Life Tyre pyrolysis: the depotec life+ project", Conference of the Technical Chamber of Greece entitled, Environment and Development, Athens, Greece, December 12 – 14, 2012.
131. D. Mertzis, St.Tsiakmakis, P. Manara, P. Mitsakis, A. Zabaniotou, Z. Samaras, "Demonstrative operation of a small, mobile gasification system for decentralized bioenergy production via exploitation of agroresidues." Conference of the Technical Chamber of Greece, Environment and Development, Athens, Greece, December 12 – 14, 2012.
132. P. Mitsakis, D. Mertzis, P. Manara, S.Tsiakmakis, I. Kavvadas, Z. Samaras, A. Zambaniotou. "A small-scale agricultural biomass Combined Heat and Power (CHP) system: The SMART – CHP project", 2nd International Conference on Communications, Computing and Control Applications (CCCA'12) at Marseilles, France, December 6 - 8, 2012.
133. M.C. Samolada, N. Antoniou, A. Zabaniotou, "Potential recovery of used tires in Greece with thermochemical methods: Present Legal Framework-Obstacles", 4th Conference HSWMA, Solid Waste Management in Crisis, New Challenges and Prospects, Athens, Greece, November 30 - December 1, 2012.
134. P. Manara, E.S. Vasiliadou, A.A. Lemonidou, A. Zabaniotou, "The Perspective of Waste Glycerol Valorization into Energy, Asphalt Additives and Polyols – The GLYCO BIODIESEL Project", Bio4Sud, International Conference on Biofuels for Sustainable Development of Southern Europe, Thessaloniki, Greece, November 19 – 20, 2012.
135. D. Mertzis, St.Tsiakmakis, P. Manara, A. Zabaniotou and Z. Samaras, "Sustainable production of electricity from biomass-Demonstration results of a mobile agro-biomass gasification ICE unit for decentralised CHP production"

- 3rd International workshop of COST Action CM0903 (UBIOCHEM): Sustainable production of fuels/energy, materials & chemicals from biomass, Thessaloniki, Greece, November 1 – 3, 2012.
136. E.S. Vasiliadou P. Manara, A. Zabaniotou, A.A. Lemonidou, "Glycerol based biorefinery", 3rd International workshop of COST Action CM0903 (UBIOCHEM): Sustainable production of fuels/energy, materials & chemicals from biomass, Thessaloniki, Greece, November 1 – 3, 2012.
 137. P. Manara, A. Richel, A. Zabaniotou, "Mediterranean lignocellulosic biomass delignification and lignin valorization into high-added value components», 3rd International workshop of COST Action CM0903 (UBIOCHEM): Sustainable production of fuels/energy, materials & chemicals from biomass, Thessaloniki, Greece, November 1 – 3, 2012.
 138. N. Antoniou, A. Zabaniotou, "Challenges and Barriers for the End of Life Tire Depolymerisation: THE DEPOTEC LIFE+ PROJECT", PRE 11 Scientific Conference, Protection and Restoration of the Environment, Thessaloniki, Greece, July 3 – 6, 2012.
 139. P. Manara, A. Zabaniotou, "Valorization of waste glycerol via co-pyrolysis with lignite: The GLYCO - BIODIESEL PROJECT" PRE 11 Scientific Conference, Protection and Restoration of the Environment, Thessaloniki, Greece, July 3 – 6, 2012.
 140. P. Manara, A. Zabaniotou, "Innovation and entrepreneurship in the bioenergy sector", Green School, Kilkis, June 30, 2012.
 141. N. Antoniou, A. Zabaniotou, "Useful Materials and activated carbon filters from end of life tires", Green School, Kilkis, June 30, 2012.
 142. N. Antoniou, A. Zabaniotou, "Thermochemical Valorisation of End of Life Tyres", International Conference on Sustainable Solid Waste Management, Athens, Greece, June 28 – 29, 2012.
 143. P. Manara and A. Zabaniotou, "Alternative fuels from waste glycerol", International Conference on Sustainable Solid Waste Management, Athens, Greece, June 28 – 29, 2012.
 144. A. Zabaniotou, N. Antoniou, "Challenges and Barriers for the End of Life Tyres Depolymerisation: The Depotec Life+ Project", Energy & Materials Research Conference, Torremolinos, Spain, June 20 – 22, 2012.
 145. A. Zabaniotou, P. Manara, "Energetic co-valorization of crude glycerol with lignite", Energy & Materials Research Conference, Torremolinos, Spain, June 20 – 22, 2012.
 146. A. Zabaniotou, P. Manara, "Integrated Environmental Methodologies in Small and Medium Scale Bio-diesel Producers by Valorizing Crude Glycerol into Synthetic Optimized Biomass Based Fuel the GlyCo-Biodiesel Project", 21st European Biomass Conference and Exhibition, Milan, Italy, June 18 – 22, 2012.
 147. A. Zabaniotou, Z. Samaras, N. Antoniou, D. Mertzis, "Assessment of a Small Mobile CHP Integrated Biomass Gasification-Internal Combustion Engine (ICE)- the SMART LIFE Plus Project", 21st European Biomass Conference and Exhibition, Milan, Italy, June 18 – 22, 2012.
 148. P. Manara, A. Zabaniotou, "Bio-energy, Innovation and Entrepreneurship - Mediterranean agricultural biomass valorization into energy", 2nd Michelangelo Workshops of Civitavecchia: The Mediterranean is facing major challenges through its Youth, Civitavecchia, Italy (Invitation of Attendance), April 13 – 14, 2012.
 149. P. Manara, A. Zabaniotou, "Mediterranean lignocellulosic material valorization into energy and high-added value components", UBIOCHEM Workshop, Meeting on Green Metrics in Lyon Villeurbanne, France, February 2 – 3, 2012.
 150. P. Manara, A. Zabaniotou "Alternative Disposal and Recycling Routes of Sewage Sludge-Bio-Fuels Production via Thermochemical Conversion", 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP, Ioannina, Greece, September 24 – 27, 2011.
 151. N. Antoniou, A. Zabaniotou, "Development of Sustainable and environmental friendly recycling processes to produce high added value materials from used tires", 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP, Ioannina, Greece, September 24 – 27, 2011.
 152. P. Manara, A. Zabaniotou, "Biomass and Waste Valorization for Sustainable Development in Mediterranean countries" 1st Michelangelo Workshops of Civitavecchia: The Mediterranean is facing major challenges through its Youth, Civitavecchia, Italy, September 11 – 13, 2011.
 153. P. Manara, A. Zabaniotou, "The Prospect of Wastewater-Grown Algal Biomass for Third Generation Bio-Fuels", International Conference on Materials and Technologies for Green Chemistry, Tallinn, Estonia, September 5 – 9, 2011.
 154. N. Antoniou, A. Zabaniotou, "Design and Development of Sustainable and environmental friendly recycling processes to produce high added value materials from lignocellulosic biomass", Materials & Technology for Green Chemistry, Tallinn, Estonia, September 5 – 9, 2011.

155. A. Zabaniotou, V. Skoulou, P. Manara, Z. Samaras, G. Fodaras, G. Zanakis, N. Mariolis, "Integrated study and management of energy crops and their residues for biofuels and Green Energy production in Greece" PRE 10, Scientific Conference, Protection and Restoration of the Environment, Corfu, Greece, July 5 – 9, 2010.
156. A. Zabaniotou, V. Skoulou, N. Antoniou, Z. Samaras, D. Mertzis, "Mobile Gasification Unit for sustainable electricity production in rural areas", Poster presentation in the PRE 10 Conference, Corfu, Greece, July 5 – 9, 2010.
157. N. Antoniou, A. Zabaniotou, Useful materials and active carbon filters from End Of Life Tyres, Green School, Kilkis, Greece, 30, June 2012.
158. N. Antoniou, A. Zabaniotou, Thermochemical Valorisation of End of Life Tyres, oral presentation in the International Conference on Sustainable Solid Waste Management, Athens, Greece, 28-29, June 2012.
159. Zabaniotou, Z. Samaras, N. Antoniou, D. Mertzis, Assessment of a Small Mobile CHP Integrated Biomass Gasification-Internal Combustion Engine (ICE)- the SMART LIFE Plus Project, visual presentation in the EU BC&E 2012, Milan, Italy, 18-22, June, 2012
160. P. Manara, E.S. Vasiliadou, A.A. Lemonidou, A. Zabaniotou. Glycerol based biorefinery .3rd Workshop, COST ACTION CM903 (UBIOCHEM), 1-3, November 2012.
161. P. Manara, E.S. Vasiliadou, A.A. Lemonidou, A. Zabaniotou Integrated utilization of glycerol to fuels and chemicals International Conference "Biofuels for Sustainable Development of Southern Europe" Thessaloniki, Greece, November 2012
162. N. Antoniou, A. Zabaniotou, Challenges and Barriers for the End of Life Tire Depolymerisation: THE DEPOTEC LIFE+ PROJECT. PRE XI Conference, Thessaloniki Greece, 3-6, July, 2012.
163. P. Manara and A. Zabaniotou, "ALTERNATIVE FUELS FROM WASTE GLYCEROL", Athens 2012: International Conference on Sustainable Solid Waste Management, Athens, Greece, 28-29, June, 2012.
164. P. Manara and A. Zabaniotou, "VALORISATION OF WASTE GLYCEROL VIA CO-PYROLYSIS WITH LIGNITE: THE GLYCO –BIODIESEL PROJECT" Pre 11, Scientific Conference, Protection and Restoration of the Environment, Thessaloniki, Greece, 3-6, July, 201
165. P. Manara and A. Zabaniotou, "Bio-energy, Innovation and Entrepreneurship - Mediterranean agricultural biomass valorization into energy", 2nd Michelangelo Workshops of Civitavecchia: The Mediterranean is facing major challenges through its Youth, Civitavecchia, Italy (Invitation of Attendance). 13-14, April, 2012
166. P. Manara and A. Zabaniotou, "Mediterranean lignocellulosic material valorization into energy and high-added value components", UBIOCHEM Workshop, Meeting on Green Metrics in Lyon Villeurbanne, 2-3 february, 2012.
167. P. Manara and A. Zabaniotou "Alternative Disposal and Recycling Routes of Sewage Sludge-Bio-Fuels Production via Thermochemical Conversion", 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP, Ioannina, Greece 24-27 september 2011.
168. Zabaniotou A., N. Antoniou "Design and development of sustainable and environmental-friendly recycling processes to produce high added value products such as carbonaceous materials from lignocellulosic biomass". International Conference on Materials and Technologies for Green Chemistry, Tallinn, Estonia 5-9 September, 2011
169. Manara P, Antoniou N., Zabaniotou A. Green Energy by valorising glycerol- byproduct of biodiesel production. 21st Greek Conference of Chemistry. Thessaloniki, 9-12 December 2011
170. Ioannidou O, Antoniou N, Zabaniotou A. Absorption materials from biomass. 21st Greek Conference of Chemistry. Thessaloniki, 9-12 December 2011
171. Zabaniotou A., P. Manara "The prospect of wastewater-grown algal biomass for third generation biofuels". International Conference on Materials and Technologies for Green Chemistry, 5-9 September, Tallinn, Estonia 2011
172. P. Manara and A. Zabaniotou, "Biomass and Waste Valorization for Sustainable Development in Mediterranean countries" 1st Michelangelo Workshops of Civitavecchia: The Mediterranean is facing major challenges through its Youth, Civitavecchia, Italy, 11-13 September 2011.
173. P. Manara and A. Zabaniotou, "The Prospect of Wastewater-Grown Algal Biomass for Third Generation Bio-Fuels", International Conference on Materials and Technologies for Green Chemistry, Tallinn, Estonia 5-9 September, 2011.
174. Zabaniotou A., T. Damartzis "From biomass gasification to large scale liquid biofuels production". International Conference on Materials and Technologies for Green Chemistry, 5-9 September, Tallinn, Estonia, 2011.
175. P. Manara and A. Zabaniotou "Alternative disposal and recycling routes of sewage sludge-biofuels production via thermochemical conversion". 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP), 24-27 September, Ioannina, Greece, 2011.
176. N. Antoniou and A. Zabaniotou "Design and development of sustainable and environmental-friendly recycling processes to produce high added value products, carbonaceous materials from used tires". 16th International

- Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP), 24-27 September, Ioannina, Greece, 2011.
177. S. Michailos, T. Damartzis, A. Zabaniotou "Development and simulation studies of sustainable CHP integrated system from biomass conjuncted fluidized bed gasifier with internal combustion engines (SMART CHP)". 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP), 24-27 September, Ioannina, Greece, 2011.
 178. Zabaniotou A. Assessment of CHP integrated biomass gasification-Internal Combustion Engine (ICE) systems by using ASPEN PLUS®. Second International Conference on Recycling And Reuse Of materials ACRM11, Kerala , India, 5-7 august 2011
 179. Zabaniotou A. Michailos S, Damartzis Th.. Simulation of small-scale agricultural biomass CHP system- The SMART project. The 6th Dubrovnik Conference on Sustainable Development of Energy Water and Environmental Systems. Dubrovnik, 25-29 September 2011.
 180. Zabaniotou A, N. Antoniou. design and development of sustainable and environmental-friendly recycling processes to produce high added value products, CARBONACEOUS MATERIALS FROM USED TIRES. The 6th Dubrovnik Conference on Sustainable Development of Energy Water and Environmental Systems. Dubrovnik, 25-29 September 2011.
 181. Zabaniotou, A., V Skoulou. Investigation of agricultural biomass for energy, fuels and materials. COST ACTION CM0903. UBIOCHEM-I ,Córdoba, Spain, 13-15 May, 2010
 182. Zabaniotou, V. Skoulou, P. Manara, Z. Samaras , G. Fodaras , G. Zanakis and N. Mariolis, "Integrated study and management of energy crops and their residues for biofuels and Green Energy production in Greece" Pre 10, Scientific Conference, Protection and Restoration of the Environment, Corfu (kerkyra), Greece , 5-9 July 2010.
 183. Zabaniotou, A.,O. Ioannidou. Sorption properties of active carbons obtained from corn cob and used tyres by steam activation. COST ACTION CM0903 .UBIOCHEM-I ,Córdoba, Spain, 13-15 May, 2010
 184. Zabaniotou A. Active Carbon production from char issued from Tyres Pyrolysis: possible use for exhaust gas cleaning and liquid phase applications .PRE10 PROTECTION AND RESTORATION OF THE ENVIRONMENT Conference, Corfu 05-09 July, 2010
 185. Zabaniotou, V. Skoulou, N. Antoniou, Z. Samaras, D. Mertzis , G. Koufodimos. Mobile gasification units for sustainable electricity production in rural areas: The SMART-CHP project. PRE10 PROTECTION AND RESTORATION OF THE ENVIRONMENT Conference, Corfu 05-09 July, 2010
 186. A. Zabaniotou, V. Skoulou. Agricultural and animal wastes for energy with environmental safety. Presented at the 20th International Waste Management and Landfill Symposium, Sardinia, S. Margherita di Pula (Cagliari), Italy, 1-5 October 2007
 187. A.Zabaniotou1A. Zabaniotou, 1V. Skoulou, 2Z. Samaras, 2G. Fontaras, 3G.Zanakis, 3N. Mariolis. INTEGRATED STUDY OF ENERGY CROPS MANAGEMENT AND THEIR RESIDUES, FOR ENERGY AND BIOFUELS PRODUCTION. PRE10, PROTECTION AND RESTORATION OF THE ENVIRONMENT Conference, Corfu, 05-09 July, 2010
 188. Zabaniotou A., V. Skoulou, Z. Samaras . DEVELOPMENT OF FLUIDIZED BED GASIFIER FOR SUSTAINABLE ENERGY PRODUCTION IN RURAL AREAS (SMART CHP). PRE10 PROTECTION AND RESTORATION OF THE ENVIRONMENT Conference, Corfu 05-09 July, 2010
 189. Zabaniotou, APPLICATION OF NEW TECHNOLOGIES IN UTILISATION OF SEWAGE SLUDGE. ECSM 2010 – 2nd European Conference on Sludge Management.Budapest, Hungary, 9&10 September 2010
 190. Zabaniotou, O. Ioannidou. Active Carbon production from char issued from Tyres Pyrolysis: possible use for exhaust gas cleaning and liquid phase applications. The seventeenth annual tyre recycling conference. Brussels, 17 – 19 March 2010
 191. D. Mertzis, A. Zabaniotou, Z. Samaras. Small scale Mobile Agricultural Residue gasification unit for decentralized Combined Heat and Power production (SMART – CHP) IENE 4th ENERGY WEEK, Roadmap to 2020: Focus on Investment and Technologies Athens, 22 – 27 November 2010
 192. D. Mertzis, S Tsakmakis, A. Zabaniotou, Z. Samaras. Demonstration of a Small scale Mobile Agricultural Residue gasification unit for decentralized Combined Heat and Power production (SMART – CHP) 15th National Energy Conference 'Energy and Development' Athens, 2010
 193. Mertzis and A. Zabaniotou Biofuels: A sustainable energy solution. ABIMB (Advances in Biotechnology-Industrial Microbial Biotechnology, Thessaloniki, Greece, 3 – 5 November 2010
 194. Zabaniotou A, G. Stavropoulos. PRODUCTION OF ACTIVATED CARBONS FROM WASTE TIRES and Use for the removal of organic compounds from air and water streams. .ECONOMIC ANALYSIS TECHNICAL AND COMMERCIAL ASPECTS. ETRA Conference on Innovation of Tyres Recycling, Brussels 2010.

195. ZABANIOTOU, E. KANTARELIS and O. IOANNIDOU. ENERGETIC VALORIZATION OF GLYCERINE BY-PRODUCT FROM BIODIESEL PRODUCTION. 3rd International Conference on Engineering for Waste and Biomass Valorisation, – Beijing, China May 17-19, 2010
196. ZABANIOTOU, V. SKOULOU, O. IOANNIDOU and G. ZANAKIS, N. MARIOLIS. INTEGRATED STUDY OF BIOMASS VALORIZATION FOR ENERGY PRODUCTION. 3rd International Conference on Engineering for Waste and Biomass Valorisation, – Beijing, China May 17-19, 2010
197. V. SKOULOU, Z. SAMARAS, A. ZABANIOTOU. Development of fluidized bed gasifier for sustainable energy production in rural areas. 3rd International Conference on Engineering for Waste and Biomass Valorisation, – Beijing, China May 17-19, 2010
198. Zabaniotou A. Engineering Education for innovative Sustainable Development for Mediterranean. Colloquium under Spanish Presidency of European Union and Union for Mediterranean. Barcelona, Thursday June 17 – Friday June 18, 2010
199. Zabaniotou, Mediterranean/European/Multinational Educational Aspects – TIME & RMEI. Mediterranean/European/Multinational Educational Aspects – TIME & RMEI. Workshop on Engineering-Education Perspectives. Balkan case study. AUTH, Thessaloniki, May 2010
200. A. Zabaniotou, V. Skoulou, T. Kantarelis, G. Koufodimos, D. Mertzis, Z. Samaras. Sustainable Energy Production by Agro-Residues in a Modular Fluidized Bed Gasifier. 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems, Dubrovnik, Croatia 25-29/9/2009.
201. Zabaniotou A, Ioannidou O., Athanasiou K Energy production through the conjunction of agro-residues thermochemical conversion with Solid Oxide Fuel Cells (SOFC). 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems, Dubrovnik, Croatia 25-29/9/2009.
202. Zabaniotou A. Gasification of Biomass for Sustainable Energy Production. New Frontiers in Chemical and Biochemical Engineering. 26-27 November 2009. Thessaloniki, Greece.
203. Anastasia A. Zabaniotou. Sustainable energy production by Agro-residues in small Fluidized Bed Gasification systems. Innovation and Entrepreneurship, 9 October 2009, CERTH Thessaloniki, Greece
204. Damartzis and A. Zabaniotou. Modelling the Intra-Particle Transport Phenomena and Chemical Reactions of Olive Kernel Fast Pyrolysis CAPE FORUM 2008, CERTH Convention Hall Thessaloniki, Greece 7-8 February 2008
205. Zabaniotou*, V. Skoulou, Z. Samaras, G. Koufodimos. Is Bioogenic Energy Production viable via agro-residues gasification. AgEng2008. International Conference on Agricultural Engineering & Industry Exhibition. Agricultural and Biosystems Engineering for a Sustainable World. Hersonissos, Crete – Greece. 23-25 June 2008
206. V. Skoulou, E. Kantarelis and A. Zabaniotou*. Crop residues for bio-energy via gasification. 2nd International Conference on Engineering for Waste Valorisation which is to be held in Patras, Greece, during 3-5 June 2008.
207. Ioannidou, G. Stavropoulos and A. Zabaniotou*. Use of biogenic material via pyrolysis. 2nd International Conference on Engineering for Waste Valorisation which is to be held in Patras, Greece, during 3-5 June 2008.
208. Th. Damartzis and A. Zabaniotou. Modelling the intra-particle transport phenomena and chemical reactions of olive kernel fast pyrolysis. CAPE FORUM – 2008. EKETA, 7-8 February, Thessaloniki, Greece
209. A. Zabaniotou, G. Mariolis, G. Zanakis. Integrated study of energy crops management and their residues, for energy and biofuels production (Hi-Bred Fuels Project)”. WSEAS Conference, Archachon, France, October 13-15, 2007
210. A. Zabaniotou*, A. Karagiannidis. “ Energy crop residues: alternatives for energy and material production.” Presented at the 15th Edition of the Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), Sinaia, Romania 20-22 September 2007
211. A. Zabaniotou, V. Skoulou, O. Ioannidou. Thermal treatment of energy crop residues: alternatives for energy and material production. Presented at the 10th International conference on Environmental Science and Technology, Kos, Greece, September 5th - 7th, 2007.
212. A. Zabaniotou, G. Koufodimos, V. Skoulou, Z. Samaras. “Hydrodynamic analysis of a bench scale fluidised bed gasifier”. Presented at 15th European Biomass Conference & Exhibition, Berlin, Germany, May 7-10, 2007.
213. A. Zabaniotou*, V. Skoulou. “Mixed pellets from agricultural Residues: Exploitation of satisfaction of Regional energy demand”, Presented at Cairo 10th International Conference on Energy and Environment, Luxor, Egypt, March 11-14, 2007.
214. Zabaniotou, V. Skoulou, Agro-Residues for decentralized energy demand satisfaction”, Presented at 2006 IASME/WSEAS International Conference of Energy, environment, Ecosystems and Sustainable Development, Vouliagmeni, Athens, Greece, 11-13 July 2006.
215. A. Zabaniotou*, O. Ioannidou. Agro-Residues for the production of activated carbon”, Presented at 2006 IASME/WSEAS International Conference of Energy, environment, Ecosystems and Sustainable Development, Vouliagmeni, Athens, Greece, 11-13 July 2006.

216. A Zabaniotou*, V Skoulou. Potential application of wastes (agricultural and animal) for energy and material recovery with environmental safety. Presented at Biomass and Waste to Energy Symposium 2006, Venice, Italy, Cini Foundation Nonemember 29- December 1, 2006.
217. A.Zabaniotou*, V. Skoulou. Agricultural Residues for Decentralized Energy Productio., Presented at the 8th Protection and Restoration of the Environment VIII; Chania, Crete island, Greece, 3-7 July 2006.
218. A.Zabaniotou*, V. Skoulou and O. Ioannidou. Pyrolysis of agricultural residues for energy and carbon materials. Presented at the 17o International Symposium on Analytical and Applied Pyrolysis, Budapest, Hungary May 21-26, 2006.
219. A Zabaniotou, C Athanasiou*, E Antonakou, A Lappas. The Conjunction of Biomass Thermochemical Conversion with Solid Oxide Fuel Cells (SOFC), Presented at the 7th European Gasification Conference 2006, Barcelona, Spain April 25-27, 2006 .
220. A.Zabaniotou*, C. Athanassiou, E. Antonakou, A. Lappas. Realizing biomass' full potential: Hydrogen and electrical energy in fuel cells. 14th European Biomass Conference and Exhibition Biomass for Energy, Industry and Climate Protection, Palais des Congrès, Paris, France October 17-21, 2005.
221. A.Zabaniotou, C. Athanassiou*, E. Antonakou, A. Lappas. The Conjunction of Biomass Thermochemical Conversion with Solid Oxide Fuel Cells – a Review of the Involved Processes. International Hydrogen Energy Congress and Exhibition (IHEC 2005), Istanbul, Turkey, 13-15 July 2005.
222. A.Zabaniotou, N. Philippopoulos, D. Kamidis, G. Koufodimos*. Animal waste energy utilization. Presented at 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP), 8-12 October, 2005, Thessaloniki, Greece
223. Zabaniotou, V.Skoulou*. Potential application of wastes (agricultural and animal) for energy and material recovery with environmental safety. Presented at 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP05), 8-12 October, 2005, Thessaloniki, Greece
224. A. Zabaniotou, C. Theofilou*. Use of sewage sludge as a conventional fuel substitute in cement factories. Presented at 9th International Conference on Environmental Science & Technology 2005. Rhodos Island, Greece, 1-3 September 2005.
225. A. Zabaniotou, C. Athanasiou*, F. Koutelieris, E. Vakouftsi, V. Skoulou, E. Antonakou, G. Marnellos. Optimization and energy balance of the biomass gasification and solid oxide fuel cell integrated process. Presented at the 2nd International Exergy, Energy and Environment Symposium (IEEES2 2005), Kos Island ,Greece, 3 - 7 July, 2005.
226. A. Zabaniotou*. Activated carbon from waste tires. Presented at WasteEng Conference 2005. Albi, France, 17-19 May, 2005.
227. A. Zabaniotou*, G. Koufodimos, Z. Samaras. Investigation study for technological application of alternatives methods for the energetic exploitation of biomass/agricultural wastes in Northern Greece. Presented at 3rd Dubrovnic Conference on Sustainable Development of Energy, Water and Environment Systems 2005. Dubrovnik, Croatia, 5-10 June 2005.
228. A. Zabaniotou*, C.G Jung, J. Fader. Valuable products from tires pyrolysis. Presented at 12th European Tires Recycling Conference (ETRA 2005). Brussels, Belgium. 2-5 March 2005.
229. A.Zabaniotou*, G. Stavropoulos. "Production of activated carbon by exploitation of agricultural wastes (olive kernels)". Presented at the 2nd World International Conference and Technology Exhibition on Biomass for Energy, Industry and Climate Protection (2005). Roma, 10-14 May 2004
230. A.Zabaniotou*. Disposal of waste tyres for active carbon production and safe environment. Presented at the International conference for the Protection and Restoration of the Environment VII (2004), Mykonos Island, Greece, June 28 - July 1, 2004.
231. A. Zabaniotou*, P.D Oudenne, C.G Jung, A. Fontana. Activated carbon from used tires using industrial pyrolyser and pilot activation furnace. Presented at 11th European Tires Recycling Conference (ETRA 2004). Brussels, Belgium. 23-27 March 2004
232. Zabaniotou*, A.J. Karabelas. Pyrolysis of agricultural wastes and used tires. Presented at the Pyrolysis & Gasification of Biomass & Waste meeting of Thermonet network. Strasbourg, France 1-2 October 2002.
233. Zabaniotou*. Pyrolysis of agricultural wastes (biomass) in Greece". Presented at the 12th European Conference and technology Exhibition on Biomass for Energy and Industry and Climate Protection. Amsterdam, The Netherlands, 17-21 June 2002.
234. A. Zabaniotou*, G. Stavropoulos. "Pyrolysis of used automobile tires and residual char utilization". Presented at 9th European Tires Recycling Conference (ETRA 2002). Brussels, Belgium. 13-15 March 2002.

235. Zabaniotou*, Psomiadou, A. Tsaga. "Industrial wastes of Thessaloniki, Greece". Presented of the 11th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean region. Limassol, Cyprus, October 6- 10, 2001.
236. Zabaniotou*, D. Sanopoulos. "A generalized approach for the development of a database as a useful tool for solid (municipal and hazardous) waste management". Presented at the 8th International Waste Management and Landfill Symposium. S. Margherita di Pula, Cagliari, Sardinia. Italy. 1-5 October 2001.
237. Zabaniotou*, G. Koroneos, A. Boura, N. Moussiopoulos, N. Filippopoulos. "Technical, Environmental, Economic and Energy Analysis of Alternative Methods for the Exploitation of Agricultural Wastes in Greece". Presented at the 1st World Conference and Exhibition on Biomass for Energy and Industry. Seville, Spain. June 2000.
238. Zabaniotou*, G. Kalogiannis, E. Kappas, A.J. Karabelas." Management of olive residues by thermochemical conversion". Presented at the 5th International Congress for Environment and Pollution. Thessaloniki, Greece, 28-31 August 2000.
239. Zabaniotou, J. Lagoudakis*, E. Toumanidou, G. Staurooulos. "Pyrolysis of used automobile tires". Presented at the 5th International Conference on Restoration and Protection of the Environment. Thassos Island, Greece, July 3-6, 2000.
240. Zabaniotou, M. Liakopoulou, M. Ziagova*."Composting of solid wastes". Presented at the 5th International Conference on Restoration and Protection of the Environment. Thassos Island, Greece. July 3-6, 2000.
241. Zabaniotou*, N. Giannoulidis. "Economical evaluation of domestic wastes incineration". Presented of the 6th International Conference on Environmental Science and Technology. Samos Island, Greece,30 August-2 September 1999.
242. A Zabaniotou, E. Kouskoumvekaki*, D. Sanopoulos. "Recycling of lead batteries in Greece: Present state-perspectives". Presented at the 3rd Conference on Environmental Science and Technology. Sani Beach, Chalkidiki, Greece, 1998
243. Zabaniotou*, C. Konstadinidis, A. Christodoulidis, A.J Karabelas. "Design study of an installation for gas cleaning in refuse incineration plants". Presented at the 3rd Conference on Environmental Science and Technology, Lesvos Island, Greece, September 1991.
244. Zabaniotou*. Pyrolysis of forestry biomass by-products in Greece. Proc. of the workshop on co-combustion of waste wood, biomass and lignite in industrial boilers. Possibilities-perspectives". A Thermie program action. Thessaloniki, Greece, 30 November, 1999.
245. A. Zabaniotou*. Pyrolysis of forestry biomass by-products in Greece. Proc. of the workshop on co-combustion of waste wood, biomass and lignite in industrial boilers. Possibilities-perspectives". A Thermie program action. Thessaloniki, Greece, 30 November, 1999.
246. Sikalidis*, S.P. Famellos. "A Technique for Mortar Production Utilizing Solid Wastes" Presented at the 3rd International Exhibition and Conference (HELECO 1999). Thessaloniki,Greece, 3-6 June, 1999.
247. A. Zabaniotou*, N. Giannoulidis. "Economical evaluation of domestic wastes incineration". Presented of the 6th International Conference on Environmental Science and Technology. Samos Island, Greece,30 August-2 September 1999.
248. A Zabaniotou, E. Kouskoumvekaki*, D. Sanopoulos. "Recycling of lead batteries in Greece: Present state-perspectives". Presented at the 3rd Conference on Environmental Science and Technology. Sani Beach, Chalkidiki, Greece, 1998
249. Zabaniotou*, A.J. Karabelas."Pyrolysis of Forestry Biomass By-Products and Agricultural Wastes". Presented at the PyNe (Pyrolysis Network for Europe) Meeting. Hamburg, Germany. 25 June 1997.
250. Zabaniotou*. Comparison of R@T policy of objective first countries: Greece, Ireland, and Portugal. Proc. of the Conference: SAST days in Athens- Challenges for strategic choices in S/T policy at Community & National levels, (organized by MONITOR -SAST, DGXII, C.C.E). Athens. 11-12 mars 1993.
251. Zabaniotou*, H. Logue, A. Gribben. Rapport final de la Conférence: Recherche et Développement aux pays de l'Europe Centrale et Orientale; Application des principes du STRIDE", C.C.E, DGXII-A et DGI, Bruxelles, 28-30 mars 1993.
252. A. Zabaniotou*, C. Konstadinidis, A. Christodoulidis, A.J Karabelas. "Design study of an installation for gas cleaning in refuse incineration plants". Presented at the 3rd Conference on Environmental Science and Technology, Lesvos Island, Greece, September 1991.
253. A.Zabaniotou*, V.Vitorino. Comparaison des politiques de la recherche et développement des pays d'objectif 1 (Grèce, Irlande, Portugal), par le 1er Programme Communautaire d'Appui (P.C.A) et par STRIDE. CREST, La Commission Européenne, DGXII, Bruxelles. Juin 1991.

Expertise on R&I and R&D and scaling up (pilots-TRL6-7)

I am founder member of the Network of Energy Technology of Aristotle University of Thessaloniki (ENTEX/AUTH) which was established, including 12 laboratories and accounting for 50 members among them 12 professors, high number of PhD candidates, Post doctorates and technicians.

As the leader of the 'Bioenergy, Circular Economy and Sustainability group' I had organized a laboratory that includes the following experimental units:

- A pilot plant fluidized bed gasifier,
- A bench scale fluidized bed reactor,
- A laboratory fixed bed gasifier
- A fast pyrolysis reactor
- A bench scale rotary kiln reactor,
- A mobile pilot scale CHP biomass system.

With my group, we have designed, and operated two pilot gasification units and one rotary kiln pyrolysis pilot unit. A bench scale atmospheric fluidized bed gasifier of 5 kW thermal power output, and a pilot scale atmospheric fluidized bed gasifier of 20 kW thermal power output, both running on agro-residue biomass, producing energy. These activities target the development and application of integrated biomass gasification systems including internal combustion engines (ICE), micro-turbines, fuel cells etc. In particular gasifier-ICE coupling provides the possibility of high-performance electricity production in small and medium scale installations.

Two start ups are created from with the above know-how.

Some of the R&I Projects

1. An EU LIFE PLUS project has been successfully completed, the SMART CHP project, concerning the demonstration of an innovative **small scale mobile power production unit**, for the energetic valorization of agro-food processing wastes (from olive oil, wine and fruit processing agro-industries) as well as agricultural residues generated in rural areas, where large amounts of biomass wastes are available. This versatile unit enables the operation close to the place of feedstock origin, minimising transportation and logistics costs. The unit consists of a gasification reactor combined with an internal combustion engine adjusted to work on producer gas for electrical power and heat, achieving high energy and environmental performance. (<http://smartchp.eng.auth.gr/en/>).
2. *A start-up company emerged from the above activities.*
3. Another EU LIFEPLUS project, the DEPOTEC project, successfully completed aiming to study the depolymerisation of EOL tyres contributing towards industry and new markets development (<http://www.depotec.eu/>). This project was awarded for Innovation in research by EURO BANK.
4. In parallel, another project on Pyrolysis Recycling Technology oriented to the production of added-value adsorptive and catalytic Materials with applications in industrial and pollution control technologies (Tyre-Pyromat-Tech) was completed.
5. *A start-up company emerged from the above activities.*
6. A project related to integrated plant design for Bio-char and Bio-fuels production from olive oil processing wastes (FERTiliser ENERGY – FERTENERGY) was co-funded by European Union- European Regional Development Fund and Greek Ministry of Education .
7. A project on 'Utilization of plastic and rubber waste for the production of alternative liquid fuels and adsorbent materials with innovative processes within the framework of the circular economy and industrial symbiosis model' funded by the Region of Central Macedonia is running on.

Expertise on Gender Equality

1. In 1991, during my work in the European Commission in DG Research, we co-organized with prof Maria Stratigaki (<http://www.mariastratigaki.gr/en/>) who was working in DG Employment, the *1st European Commission Conference on Gender Equality in Research and Technology*, in Brussels.
2. In 2010, I was the founder member of the **CENTERT OF GENDER, ENVIRONMENT, TECHNOLOGY AN DSPACE**, organized at the Faculty of Engineering of Aristotle University.

3. Since 2010 I am the leader of **Gender Equality working group** within the Mediterranean Engineering Schools Network (RMEI)
4. Since 2018 I participate in TARGET project: '*Taking a Reflexive approach to Gender Equality for institutional Transformation*' Funded by Horizon 2020 research and innovation programme under grant agreement No 741672. <https://www.gendertarget.eu/>. TARGET is a SwafS-03-2016-2017 Coordination and Support Action funded by the European Commission Program H2020. I am the scientific responsible of TARGET on behalf of RMEI network.
5. I work with Mediterranean countries (especially MENA and Magreb) in advancing gender equality in Engineering schools and in linking gender equality with SDGs innovations. For this we co-organize workshops, summer schools and seminars with South Mediterranean Engineering Schools for Gender equality synergies with SDGs.
6. We co-organize with other colleagues and students of RMEI every year the **MICHELANGELO** workshop for the practical learning of Sustainable Development, Resilience to Climate change and Gender Equality connecting science, technology, art and culture.
7. Since 2019, when the **Gender Equality committee created at Aristotle University**, I am member representing the Engineering Education.
8. Since 2020, when the **network of Gender Equality Committees of Greek Universities** was created, I am member.
9. I am member of the **Hellenic Association of Women in Universities**.
10. I am founder member of the "**WOMEN in ENERGY**" group of the International Network of Renewable Energy (WREN), UK.
11. I am collaborating with Chinese academics in Gender Equality and SDGs and we organized a **Conference in China in 2020** that was cancelled due to Covid-19.
12. I participate in International Scientific Conferences where I present the links of gender Equality with Environment, Energy, Technology, Sustainability and Resilience.
13. I am the Editor of the special issue of Sustainability (ISSN 2071-1050): *Sustainability, Resilience t Climate change hazards and Gender equality* of the Sustainability journal. This special issue belongs to the section "*Sustainable Engineering and Science*".

Publications Relevant to Gender Equality

1. A Zabaniotou (2020). Towards gender equality in Mediterranean Engineering Schools through networking, collaborative learning, synergies and commitment to SDGs-The RMEI approach. *Global Transitions* 2, 4-15
2. A Zabaniotou (2020). New Forms of Social Learning in Mediterranean Higher Engineering Education: Change Lab for Gender Equality Transformation, Methodology, Design Principles. *Sustainability* 12 (16), 6618
3. Anastasia Zabaniotou, Christine Syrgiannis, Daniela Gasperin, Arnaldo José de Hoyos Guevera, Ivani Fazenda, Donald Huisingh (2020). From Multidisciplinarity to Transdisciplinarity and from Local to Global Foci: Integrative Approaches to Systemic Resilience Based upon the Value of Life in the Context of Environmental and Gender Vulnerabilities with a Special Focus upon the Brazilian Amazon Biome. *Sustainability* 12 (20), 8407.
4. Anastasia Zabaniotou (2020). Towards Gender Equality in Higher Education Institutions: Equal Female Academics in the Mediterranean during and after the COVID-19 pandemic. GUNi initiative "Higher Education after the COVID-19 crisis". Available at <http://www.guninetwork.org/report/owards-gender-equality-higher-education-institutions-equal-female-academics-mediterranean>
5. Anastasia Zabaniotou (2020). Mediterranean Engineering Schools-members of RMEI network are taking a reflexive approach to gender equality with the support of the TARGET project. *GALILEO – Rivista del Collegio degli Ingegneri di Padova*, Italy
6. Anastasia Zabaniotou (2019). RMEI on TARGET- Taking a reflexive approach to gender equality for institutional transformation in Mare Nostrum. GUNI 7th Higher Education in the World Report HEIW7 'Humanities and Higher Education: generating synergies between Science, Technology and Humanities', focuses on the future of the humanities and the relation between science, technology and humanities in the 21st Century. The HEIW7 presented on the 10th December 2019 at CaixaForum Barcelona, Spain. <http://www.guninetwork.org/report/higher-education-world-7>
7. Anastasia Zabaniotou, Oumâima Boukame, Aigli Tsirogianni (2020). Network Assessment: Design of Framework and Indicators for Monitoring and Self-Assessment of a Customized Gender Equality Plan in

- Mediterranean Engineering Education Context. Submitted to the *Journal of Evaluation and program Planning*, after review.
8. A. Zabaniotou A. Pritsa E-A. Kyriakou (2020). Unravelling the Ties of Resilience to Wildfire Disasters with Gender Equality: Insights from the Wildfire2018-Mati-Greece, Lessons Learnt, Recommendations for Gender-Sensitive Approaches, Submitted to the *Journal of Sustainability*
 9. Anastasia Zabaniotou (2020). How to Link Gender Equality to Sustainable Development in Practice: The Mediterranean Network of Engineering Schools (RMEI) on TARGET Knows...TARGET NEWSLETTER
 10. Anastasia Zabaniotou and Najoua Essoukri Ben Amara (2020). How COVID-19, distance-learning and remote work impact female researchers in Mediterranean higher Education Institutions: Action research based on a survey. Under preparation
 11. A. Zabaniotou (2019). Testimony of RMEI activities in Gender equality. OUNESCO, Chair of Sustainable Development Innovations
 12. Zabaniotou, M. Stratigaki* (1993). Commission Framework Program for R@T and women participation. Proc. of the European Workshop *Women in Science, Research and Technology*. Brussel, mars 1993.
 13. Zabaniotou (1993). Comparison of R@T policy of objective 1 countries: Greece, Ireland, and Portugal. Proc. of the Conference: SAST days in Athens- Challenges for strategic choices in S/T policy at Community & National levels, (organized by MONITOR -SAST, DGXII, C.C.E). Athens. 11-12 mars 1993.
 14. Zabaniotou*, H. Logue, A. Gribben (1993). Rapport final de la Conférence : Recherche et Développement aux pays de l'Europe Centrale et Orientale; Application des principes du STRIDE", C.C.E, DGXII-A et DGI, Bruxelles, 28-30 mars 1993.
 15. Zabaniotou*, V.Vitorino (1991). Comparaison des politiques de la recherche et développement des pays d'objectif 1 (Grèce, Irlande, Portugal), par le 1er Programme Communautaire d'Appui (P.C.A) et par STRIDE. CREST, La Commission Européenne, DGXII, Bruxelles. Juin 1991.

Presentations and abstracts in relevant to Gender Equality Conferences and Workshops

1. Anastasia Zabaniotou, (2020). The Mediterranean Engineering Schools Network Advances Changes in Gender Equality at the Mediterranean Higher Engineering Education. The *Mediterranean Scientific Association of Environmental Protection (MESAEP) Conference 2020*. 26-27 October 2020, online
2. Anastasia Zabaniotou (2020). 'The Role of the RMEI Network as Living Lab for Sustainable Development and Gender Equality in Mediterranean Higher Engineering Education with the Support of TARGET project'. *4th Euro-Mediterranean Conference "Visioning MED"* 9-10 October 2020, Athens Greece, Hybrid.
3. Anastasia Zabaniotou (2020). 'MED in Transition – Equal Female in the Mediterranean for Strengthening Resilience to Climate Change-based Disasters. *4th Euro-Mediterranean Conference "Visioning MED"*, 9-10 October 2020, Athens Greece. Hybrid.
4. Anastasia Zabaniotou (2020). "Gender Equality through Networking, Collaborative Learning, Synergies and Commitment to SDGs-The Mediterranean Engineering Schools network approach and the EU TARGET project'. *Eighth Annual International Conference on Sustainable Development (ICSD)*, September 21 to September 22, 2020, organized by the Global Association of the Master's in Development Practice Programs in partnership with the Sustainable Development Solutions Network (SDSN), online.
5. Anastasia Zabaniotou (2020). How a Network can contribute to Knowing and Capacity building on Gender Equality in Engineering and Management Mediterranean Institutions. *3rd ARTEM OCC conference, Creativity, Innovation and Sustainability in the Age of Disruptions: Dealing with Global Challenges through Trans- and Interdisciplinary Approaches*. March 2020 Chemnitz University of Technology in Chemnitz, Germany. Cancelled due to Covid-19
6. A Zabaniotou (2020). Learning and Capacity building on Gender Equality- the Paradigm of a Mediterranean Network and TARGET project. *10th International Conference of Engineering Education for Sustainable Development (EESD2020/21)* University of Cork, June 2020. Cancelled due to Covid19
7. A Zabaniotou (2020). Planning and monitoring of gender equality activities by the Mediterranean Engineering Schools network (RMEI), guided and supported by the TARGET project. *XI European Conference of Gender Equality in the Higher education*, Madrid, on 16-18th September 2020. Cancelled due to Covid19
8. Anastasia Zabaniotou (2019). Good practice CoP Experiences: Gender Equality in R&I and HE: The role of RMEI. *1st ACT International Synergy Conference- Building Communities of Practice for Accelerating Gender Equality and Institutional Change in Research and Innovation*, Brussels, 25th February 2019.

9. Anastasia Zabaniotou (2019). The role of RMEI network of Engineering Schools and Management in Sustainable Development Goals and Gender Equality of the Mediterranean Countries. Balkan Universities Association 2019 Conference – 5th Meeting of the Balkan Universities Association (BUA), Thessaloniki, 16-18 April 2019.
10. Anastasia Zabaniotou (2019). TARGET: TAKing a Reflexive approach to Gender Equality for institutional Transformation. *International Conference on Humanity and Peace (SoH): living in harmony in a world of differences*. Reykjavik, 30 May 2019 – 2 June 2019.
11. Anastasia Zabaniotou (2019). The role of RMEI network in Sustainable Development Goals of the Engineering Schools of the Mediterranean Countries in synergy with Gender Equality in academia-The TARGET project'. Acceptability Study (SAS) Network and Collaboration for the International seminar "*Towards sustainable tomorrows (TST): From sound concepts to sound practice*", Espoo, Finland, 31st October-1st November 2019.
12. A. Zabaniotou (2019). RMEI, GAME AND TARGET project. VII MICHELANGELO WORKSHOP: RISKS & RESILIENCE in NETWORKS and GENDER INEQUALITIES-Building bridges within the Mediterranean among high-education experts and young engineers, Rome, 16-30 June 2019.
13. A. Pritsa, E. Kyriakou, C. Ketzitidis, N. Kalmoukidis, A. Zabaniotou (2019). Resilience and gender equality: the case of the wildfire in Attiki- synergy with TARGET project. VII MICHELANGELO WORKSHOP: RISKS & RESILIENCE in NETWORKS and GENDER INEQUALITIES-Building bridges within the Mediterranean among high-education experts and young engineers, Rome, 16-30 June 2019.
14. A. Zabaniotou, M Guarascio (2019). GAME and Gender Equality activities. RMEI, GAME AND TARGET project. VII MICHELANGELO WORKSHOP: RISKS & RESILIENCE in NETWORKS and GENDER INEQUALITIES-Building bridges within the Mediterranean among high-education experts and young engineers, Rome, 16-30 June 2019.
15. Arnoldo José de Hoyos Guevera¹, Daniela Gasperin, Christine Syrgiannis, Anastasia Zabaniotou, Ivani Fazenda (2019). Awareness of the Worth of Life Within/Without for Systemic Resilience under Climate Change Disasters-The Amazon Biome and the Gender-Differentiated Vulnerability. *International Conference on Innovation & Management (ICIM2019)*. 26 - 28 Nov 2019, Jaén, Spain.
16. Anastasia Zabaniotou (2019). Linking gender equality and Blue Economy. Sea GEM: SEA GREEN ECONOMY for MEDITERRANEAN. HOMERe-GAME SYMPOSIUM, Civitavecchia, Italy, March 28th, 2019.
17. Anastasia Zabaniotou (2018). TARGET strategy within RMEI and GAME: TAKing a Reflexive approach to Gender Equality for institutional Transformation. *World Renewable Energy Congress & Exhibition (WREN/WREC)*, London, Kingston University, 30 July 2018 – 3 August 2018.
18. Anastasia Zabaniotou (2018). RMEI on TARGET: TAKing a Reflexive approach to Gender Equality for institutional Transformation. *International Conference on Humanities and Higher Education (GUNI): Generating Synergies between Science, Technology and Humanities*, 19 – 20 November 2018, Barcelona, Spain.
19. Anastasia Zabaniotou (2018). RMEI introduction and initial expectations with regard to GEP implementation in RMEI network. *Forum de Convergence ENISo-Entreprises_8ème edition*, École Nationale d'Ingénieurs de Sousse, TUNISIA, 5 December 2018.
20. A Zabaniotou (2017). Targeting a reflective transformation on gender equality in Higher Education. Bridging the future: The Women's perspective. 1st Women Conference, Novedrate ITALY, 23 – 25 November 2017.
21. A. Zabaniotou, (2018). 'The Mediterranean Network RMEI on TARGET: TAKing a Reflexive approach to Gender Equality for institutional Transformation'. *International Conference on Humanities and Higher Education: Generating Synergies between Science, Technology and Humanities*. CosmoCaixa Science Museum, Barcelona, 19-20th November 2018.
22. A. Zabaniotou, Chr. Syrgiannis, (2017). 'Awareness of the Inner Creative Processes of Worth towards Sustainable Development'. 2nd ARTEM Organizational Creativity and Sustainability International Conference, Nancy, FRANCE, September 14th to 16th, 2017.
23. 19. A. Zabaniotou, (2016). 'Anthropogenic Climate Changes and Social Upheavals -Major Issues from RE-GREECE 2016 Symposium', MICHELANGELO WORKSHOP, Rome, 13-15 October 2016.