

## PERSONAL INFORMATION

## Anthoula Manali



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📅 Date of birth 25/06/1993

## EDUCATION AND TRAINING

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- |                 |  |
|-----------------|--|
| 09/2017–Present | <b>PhD Candidate in Environmental Engineering</b> <span style="float: right;">EQF level 8</span><br>School of Environmental Engineering, Technical University of Crete <ul style="list-style-type: none"><li>■ Thesis subject: "Valorization of biosolids for the production of electric energy by the microsieving-gasification methods"</li><li>■ Supervisor: Prof. Petros Gikas</li></ul> |
| 10/2015–06/2017 | <b>Master of Science in Environmental Engineering</b> <span style="float: right;">EQF level 7</span><br>School of Environmental Engineering, Technical University of Crete   |
| 09/2011–07/2015 | <b>Bachelor's Degree (4 years degree) in Chemistry</b> <span style="float: right;">EQF level 6</span><br>Department of Chemistry, National and Kapodistrian University of Athens <ul style="list-style-type: none"><li>■ Grade: 7,32 in exactly 4 years.</li></ul>   |
| 09/2011–07/2015 | <b>Certificate in Oenological Education</b> <span style="float: right;">EQF level 6</span><br>National and Kapodistrian University of Athens   |
| 09/1999–06/2011 | <b>General High School Diploma</b> <span style="float: right;">EQF level 4</span><br>Private High School N. Maliaras, Athens <ul style="list-style-type: none"><li>■ Grade: Excellent (19,1).</li></ul>  |

## WORK EXPERIENCE

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| 09/2017–Present | <b>Participation in the european research LIFE programme: "New concept for energy self-sustainable wastewater treatment process and biosolids management (LIFE B2E4 SUSTAINABLE-WWTP)".</b><br>Prof. Petros Gikas, School of Environmental Engineering, Technical University of Crete<br><a href="http://www.biosolids2energy.eu">www.biosolids2energy.eu</a> |
| 03/2019–05/2019 | <b>Teaching and Laboratory Assistant in the course: "Design of Environmental Plants and Environmental Impact Assessment I".</b><br>Prof. Petros Gikas, School of Environmental Engineering, Technical University of Crete   |

12/2017–02/2018 **Teaching and Laboratory Assistant in the course: "Design of Environmental Plants and Environmental Impact Assessment II".**

Prof. Petros Gikas, School of Environmental Engineering, Technical University of Crete

11/2015–06/2017 **Participation in european research programmes for the technology of phytoremediation.**

Prof. Nicolas Kalogerakis, School of Environmental Engineering, Technical University of Crete

PERSONAL SKILLS

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Αγγλικά	B2	B2	B2	B2	B2
First Certificate in English – University of Cambridge					
Γαλλικά	B2	B2	B2	B2	B2
Diplôme d'études en langue française (DELF) B2					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

Digital skills

- Microsoft Office™ (Word™, Excel™, PowerPoint™).
- Windows XP, 7, 8, 10.
- Programming Language C.
- Chemical Drawing Software "ChemDraw".
- MATLAB.

## ADDITIONAL INFORMATION

## Conferences-Scientific events

- 17<sup>th</sup> International Waste Management and Landfill Symposium, Sardinia, Italy, October 2019.  
"Utilization of primary sieved solids for gasification and energy production", A. Manali, P. Gikas.
- 7<sup>th</sup> International Conference on Sustainable Solid Waste Management, Heraklion, June 2019.  
"Removal of ammoniacal nitrogen from landfill leachate by adsorption on activated zeolite", P. Moraiti, A. Manali, P. Gikas.
- The implementation of circular economy to agriculture and livestock farming, Thessaloniki, January 2019.  
"Wastewater management in light of the circular economy principles", A. Manali, P. Gikas.
- 1<sup>st</sup> PhD Candidates Conference, School of Environmental Engineering, Chania, December 2018.  
"Valorization of biosolids for the production of electric energy by the microsieving-gasification methods", A. Manali, P. Gikas.
- 5<sup>th</sup> International Conference on Small and Decentralized Water and Wastewater Treatment Plants (SWAT), Thessaloniki, August 2018.  
"Mass and energy balances for gasification of primary sieved solids", A. Manali, P. Gikas.
- 6<sup>th</sup> International Conference on Recycling and Waste Management, Dubai, UAE, December 2018.  
"Electric energy production from primary sieved solids through gasification", A. Manali, P. Gikas.

## Master's Thesis

"Municipal wastewater treatment in constructed wetlands planted with *Juncus acutus*"  
Supervisor: Prof. Nicolas Kalogerakis

## Scientific publications (under construction)

- "Municipal wastewater treatment in constructed wetlands planted with *Juncus acutus*"  
Anthoula Manali, Evdokia Syranidou, Margarita Petoussi, Nicolas Kalogerakis.
- "Gasification as a process of sludge management: A critical review"  
Anthoula Manali, Petros Gikas.

## Bachelor's Thesis

"Heavy metals intake from *Helianthus* cultivated with polluted water"  
Supervisor: Prof. Ioannis Zabetakis