

## Master Thesis Brief Description

---

<b>Thesis Title</b>	<b>Exploitation of olive husk for energy purposes</b>
<b>Programme of Studies</b>	MSc in Energy Systems and the Built Environment
<b>Course</b>	MES 580 Master Thesis
<b>Area of Study</b>	Sustainable Energy Technologies – Biofuels Assessment
<b>Student's Name</b>	Anna Ioannou
<b>Students Reg. Number</b>	7584
<b>Supervisor</b>	Dr.-Ing. Paris A. Fokaides, V. Lecturer, Civil Engineering Department
<b>Supervisory Committee</b>	Dr. Christos Anastasiou, Ass. Professor, Civil Engineering Department Dr. Petros Christou, Ass. Professor, Civil Engineering Department
<b>Semester</b>	Fall Semester 2013
<b>Short Description</b>	This thesis examined the potential contribution of olive husk for energy purposes in the energy mix of Cyprus. For this purpose, in terms of this study the potential of olive oil mill solid waste potential was quantified. Selected samples were analysed in terms of their elemental composition as well as concerning their mechanical behaviour. The measurements of this study were validated with the use of appropriate European Standards, and the conditions under which olive mill solid waste could be exploited in the energy sector were defined.