

Senior Thesis Brief Description

Thesis Title	Life Cycle Assessment of a selected building material used in Cyprus built environment
Programme of Studies	BSc in Quantity Surveying, Frederick University, Cyprus
Course	ASSP 450 Senior Project
Area of Study	Computational Building Physics – Life Cycle Assessment
Student's Name	Chrystalla Chrysostomou
Students Reg. Number	6678
Supervisor	Dr.-Ing. Paris A. Fokaides, V. Lecturer, Civil Engineering Department
Supervisory Committee	Dr. Demetris Nicolaidis, Lecturer, Civil Engineering Department Dr. Christakis Onisiphorou, Lecturer, Civil Engineering Department
Semester	Spring Semester 2015
Short Description	The scope of this study was to identify the major life cycle aspects of a selected building material used in Cyprus. In terms of this study, the documentation of the major building materials currently used in Cyprus, as well as their main properties, were conducted. This analysis resulted to the selection of a building material for which further life cycle analysis was conducted. Alternative scenarios towards improving the life cycle performance of the selected material, as well as life cycle costing aspects of its integration into buildings were identified.
External Reference	http://www.tandfonline.com/doi/abs/10.1080/14786451.2015.1100197?journalCode=gsol20