

ECOWEEK 2011: ARCANOID Workshop

The subject of the ECOWEEK workshop at the Arcanoid Architects studio is the application of parametric design in issues of sustainability. Lately there is a big need in designing and construction towards an energy saving way, with respect to the environment and the ecosystems. Designers have to face many different conditions most often correlated in complex ways. Economy, program, energy, site conditions, urban networks, as well as the micro climate of the area, are some of the parameters the designer is asked to take into account and efficiently combine in a project. That said, parametric design offers a unique way of systematizing different conditions, linking them together and thus creating a platform of inter-relations. In the Arcanoid ECOWEEK workshop students will be working on a case study of the issues referred to above. Participants will be asked to design and renovate an existing urban neighborhood of Thessaloniki according to principals of energy saving and the use of alternative energy sources.