

RISK IN THE GREEK ELECTRICITY PRODUCTION SECTOR

Chr. MAROULI⁽¹⁾, J.K. KALDELLIS⁽²⁾

⁽¹⁾University of the Aegean, Rhodes, ⁽²⁾Lab of SEA & EnviPro., TEI Piraeus
e-mail: marouli@rhodes.aegean.gr; jkald@teipir.gr
13 Kivelis St., 16452 Argyroupoli, Greece

ABSTRACT

It is generally accepted that there is an electric energy shortage in our country these days; however, the cases where the establishment of an energy production plant has been rejected and opposed by the local people are remarkable. This paper examines the risk evaluation and communication process in two cases -Atherinolakkos in Crete and Milos island, a conventional electric energy production facility and a geothermal plant- in order firstly, to locate the factors that explain the difficulty in siting electric energy production plants in Greece, and secondly, to look into the influence the use of renewable energy sources has on risk evaluation. The paper concludes with some policy proposals regarding the risk communication process.