



**“Gheorghe Asachi” Technical University of Iasi, Romania**



---

## **ENVIRONMENTAL MANAGEMENT OF MANUFACTURING SMEs: EVIDENCE FROM LESVOS, GREECE**

**Ioannis E. Nikolaou<sup>1\*</sup>, Konstantinos I. Evangelinos<sup>2</sup>, Evgenia Verigou<sup>2</sup>**

<sup>1</sup>*Democritus University of Thrace, Department of Environmental Engineering, Vas Sofias, 67100 Xanthi, Greece*

<sup>2</sup>*University of the Aegean, Department of Environment, University Hill, 81100 Mytilini, Greece*

---

### **Abstract**

The current literature on SMEs presents a range of factors that influence their decisions regarding the adoption of environmental management practices. In particular, some common factors are the pressure from stakeholders, the awareness of environmental issues, the level of local authorities' support, the benefits arising from the adoption of such practices and the role of environmental regulations. This paper examines some of these factors through a case study research methodology on two Greek manufacturing SMEs with significant local environmental impacts and protests from the local community. The main findings indicate that these manufacturers have adopted a limited number of environmental management practices due to the limited knowledge of managers on their environmental regulation responsibilities and inadequate help from local authorities regarding environmental matters.

*Key words:* case study research, corporate sustainability, environmental management, sustainable development

*Received: September, 2010; Revised final: March, 2012; Accepted: March, 2012*

---

\* Author to whom all correspondence should be addressed: E-mail: [inikol@env.duth.gr](mailto:inikol@env.duth.gr); Phone: +30-254179392; Fax:2541079392