

**ENVIRONMENTAL MANAGEMENT WITH THE USE OF REMOTE
SENSING**

**N. CHRYSOULAKIS*, A. ANDRITSOS*, N. ADAKTILOU*, C. CARTALIS*,
M. PETRAKIS****

**Department of Applied Physics, Division of Physics, University of Athens
Panepistimioupolis, Build. Phys.-V, 157 84 Athens, Greece*

***National Observatory of Athens, Institute of Meteorology and Atmospheric
Environment, PO BOX 20024, 11810 Athens, Greece*

ABSTRACT

The purpose of this paper is to demonstrate the potential of the existing remote sensing methodologies and techniques in environmental monitoring and management. More specifically, three applications concerning industrial accidents, the urban environment and sensitive ecosystems are presented. These applications include image processing and interpretation as well as the development of algorithms, on the basis of data derived from NOAA, LANDSAT TM and SPOT satellites.