

ISESS 2007 Session Title:
**Environmental Engineering education and presentation of
environmental information to non scientists**

Session Chair: Prof. Kostas D. Karatzas, Dipl. Eng., - Dr. Eng.,
[Informatics Applications and Systems Group, Dept. of Mechanical
Engineering, Aristotle University of Thessaloniki](#), Greece
Email: kkara@eng.auth.gr

Abstract:

Environmental Engineering education addresses, among others, the "generation& of environmental information, management of environmental knowledge towards addressing real world environmental problems, and communication of environmental information to non-scientists. Although the public should be the ultimate beneficiary and focal point of an effective environmental engineering curriculum, issues of information presentation, interpretation and perception are rarely addressed in the latter. Thus, environmental scientists lack the necessary experience to effectively communicate useful information to the public, i.e. information related to the quality of their life. Issues to be addressed in this session include (but are not limited to) the following:

- Methods for creating environmental information (measurements, calculations, human judgment)
- Perception and interpretation of environmental information: do we communicate what we want to say?
- Categorization-classification of environmental information from the scientists and from the citizens' point of view in various environmental domains: air quality, water quality, waste, noise, etc.
- Legal and organizational background for environmental information production (measurements-modeling), management, and usage.
- Investigation, study and classification of methods and systems for communicating environmental information.
- Environmental information services
- Communication of environmental content to non-scientists
- Sex and culture as influences in env. engineering education and the perception of environmental information.

Detailed information on ISESS-2007 and submission guidelines:
<http://www.isess.org/conferences.asp?Conf=5>

--