

SEB'09

International Conference on
Sustainability in Energy and Buildings '09

Invited Sessions

Title of Session: Informational Technologies for Sustainability

Name of Chairs: Marina V. Sokolova and Antonio Fernández-Caballero

Description:

Nowadays, informational technologies (IT) have evolved into an essential tool for modelling, assessment and support in any domain requiring decision making. The complexity and uncertainty of the nature of environmental and renewable energy systems, and the heterogeneity of related information, require a complex approach for their study, based on and consisting of data management, pre-processing, modelling, simulation and, lastly, decision making support.

This special session on "Information Technologies for Sustainability" seeks to bring together researchers from around the globe for a creative discussion on recent advances and challenges of the need for highly intelligent information technologies in sustainability issues. This session will focus on the ongoing works and the latest results of the design and implementation of decision support tools and computer-based applications for environmental and renewable energy technologies.

Papers are requested to this session as contributions that describe the use and application of decision support systems; agent-based systems; expert systems; knowledge-based systems; software and hardware system architectures; awareness information systems; Internet technologies for environmental and renewable energy systems; modelling and simulation tools; and frameworks.

Website URL (if any):

<http://www.dsi.uclm.es/personal/AntonioFdez/conferences/seb09.htm>

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