



“Gheorghe Asachi” Technical University of Iasi, Romania



THE 4th INTERNATIONAL WORKSHOP OPTOELECTRONIC TECHNIQUES FOR ENVIRONMENTAL MONITORING

OTEM 2010

The 4th International Workshop on Optoelectronic Techniques for Environmental Monitoring OTEM2010 was held during 19-21 October 2010, in Cluj-Napoca, Romania. It was organized by the National Institute of Research and Development for Optoelectronics INOE 2000, hosted by the Faculty of Environmental Sciences and Engineering, “Babes-Bolyai” University of Cluj-Napoca and supported by the Romanian Ministry of Education, National Authority for Scientific Research and Norwegian Cooperation Programme for Economic Growth and Sustainable Development with Romania.

This Workshop was meant to encourage the exchange of ideas and knowledge between various groups of the scientific community concerned by current issues in environmental science, engineering, management and policies. The meeting provided an opportunity for researchers, teachers, students, and consultants to present and review the latest issues concerning the most modern optical and electrochemical environmental sensing techniques along with the basic principles. Also during this event professional connections have been created between staff from Romania and abroad in order to build international partnerships.

The Call for Papers topic list was substantially streamlined to a compact list of 4 theme areas: Sensors and Instrumentation (in situ, laboratory and remote sensing), Satellite Imagery, Modeling and Analysis Tools, Facilities and Network Observations, Hazard and Risk Assessment, consistent with the previous OTEM workshops. This year’s symposium attracted nearly 60 abstract submissions. In order to maintain a high quality scientific program, 10 dedicated experts of the Technical Program Committee have been involved.

The participation in OTEM 2010 has been demonstrating the growing recognition and prestige of the workshop and a lot of people were benefiting from the Cluj venue.

For this Special Issue, 52 manuscripts were submitted, and after the regular rigorous review process a total of 11 were accepted for publication. We would like to thank all reviewers for their time and dedication to this task.

Finally, special thanks are due to Prof. Dr. Alexandru Ozunu for his continuous and patient assistance during the preparation of this Special Issue.

Dr. Doina Nicolae



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