

## **Preface**

This volume contains the proceedings of the 5<sup>th</sup> international Workshop of the EARSeL SIG **Geological Applications** titled Remote Sensing and Geology that took place in Warsaw in June 19<sup>th</sup> and 20<sup>th</sup> in conjunction with the 34<sup>th</sup> EARSeL conference.

Scientists from many countries have presented twenty two papers. Fifteen oral presentations and seven poster presentations divided in 7 different topics were carried out. The topics covered were: Geohazards, Geology-Geomorphology, Hyperspectral, Geoarchaeology and Mine Monitoring. The first day of the Workshop was dedicated to the oral and poster presentations while during the second one a tutorial titled "3D Geological Mapping using ERGAS IMAGINE" took place.

The volume of the proceedings follows the general structure of the Workshop topics. For those who could not manage to attend all the sessions, this volume provides a brief overview of the research presented at the workshop in Warsaw.

I would like to thank Mrs. Helga Braun from the EARSeL Secretariat, and especially Prof. Bogdan Zagajewski from the University of Warsaw for their help to the preparation and organization of the Workshop. I would also like to express my sincere thanks Geosystems Hellas SA and Intergraph for providing the evaluation License of ERDAS IMAGINE 2014 that was necessary in order to perform the tutorial.

On behalf of the organizing committee I would like to thank all the participants for their presence in the Workshop, as well as all the authors for their contributions in the present volume. Their cooperation gives us the courage to look forward and plan the next Workshop.

The chairman of the EARSeL SIG "Geological Applications"

Dr. Konstantinos Nikolakopoulos  
Assistant Professor  
University of Patras  
Department of Geology  
Sector of Applied Geology & Geophysics  
26504 University Campus  
Rio Patras, Greece  
Tel.: +30-2610-997592,  
email: knikolakop@upatras.gr