

Preface

The 4th Annual 2016 International Conference on Geo-Informatics in Resource Management and Sustainable Ecosystem (GRMSE 2016) was held in Hong Kong, China, during November 18–20, 2016. It aims to bring researchers, engineers, and students to the areas of geo-spatial information science, engineering, and systems in socioeconomic development, resource management, and sustainable ecosystem. GRMSE 2016 features unique mixed topics of spatial data mining, geographical information science, photogrammetry and remote sensing, data science, data engineering, cloud computing, deep learning, and recent applications in the context of building a smarter planet, healthier life, more enjoyable ecology and more sustainable resources.

We received a total of 311 submissions from various parts of the world. The international Program Committee worked very hard to have all papers peer-peer reviewed before the review deadline. The final program consisted of 118 papers. There were four key note speeches and five invited sessions. All the keynote speakers are internationally recognized leading experts in their research fields, who have demonstrated outstanding proficiency and have achieved distinction in their profession. The proceedings are published as a volume in Springer's *Communications in Computer and Information Science* (CCIS) series. Some excellent papers were selected and recommended to the special issue of *Journal of Environmental Science and Pollution*, a Science Citation Index Expanded journal. We would like to mention that, due to the limitation of the conference venue capacity, we were not able to include many fine papers in the program. Our apology goes to those authors.

We would like to express our sincere gratitude to all the members of international Program Committee and organizers for their enthusiasm, time, and expertise. Our deep thanks also go to the many volunteers and staff members for the long hours and hard work they have generously given to GRMSE 2016. We are very grateful to Professor Fuling Bian, Professor Hui Lin and Professor Yichun Xie for their support in making GRMSE 2016 possible. The generous support from Beijing Institute of Technology is greatly appreciated. Finally, we would like to thank all the authors, speakers, and participants of this conference for their contributions to GRMSE 2016.

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General Chair



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