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Editors

EnviroInfo 2017



From Science to Society:
The Bridge provided by Environmental Informatics

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Preface

This book contains the results of the 31st edition of the long standing, international and interdisciplinary conference series on environmental information and communication technologies: EnviroInfo 2017.

This year, the conference was organized by the Luxembourg Institute of Science and Technology (LIST); under the patronage of the Technical Committee on Environmental Informatics of the German Informatics Society.

“From Science to Society: The Bridge provided by Environmental Informatics”- the tag line of EnviroInfo 2017 referred clearly to the “raison d’être” of the discipline. This “raison d’être” reflects the conference’s desire to uncover innovative technical solutions in order to solve or mitigate the numerous environmental issues and challenges that are faced today.

This year, the conference took place in Luxembourg. In the middle of Europe, with a modern economy and extremely mobile workforce, the country is a good example for many of these challenges. In Luxembourg, collaboration with the neighbouring countries is of paramount importance in order to tackle environmental problems. Consequently, one of the main topics of the conference was the interoperability of environmental information systems. Furthermore, topics such as energy informatics, the application of satellite data and GNSS in environmental informatics, environmental management information systems, sustainable mobility and green software engineering and environmental health informatics and more were covered in several workshops and the main conference.

This volume contains the short and work in progress papers of the conference that describe ongoing projects and initiatives which will help to solve these and many other environmental problems in the future.

The editors would like to thank all contributors to the conference and to these conference proceedings. Special thanks also go to the members of the program and organizing committee, and to the sponsors of the conference.

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