

Volker Wohlgemuth,
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EnviroInfo 2021

Environmental Informatics –
A bogeyman or saviour to achieve the
UN Sustainable Development Goals?

Adjunct Proceedings of the 35th
EnviroInfo Conference

Berlin, Germany, September 27-29, 2021

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German
Informatics Society



Volker Wohlgemuth · Stefan Naumann · Hans-Knud Arndt
Grit Behrens

Editors

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Adjunct Proceedings of the 35th edition of the EnviroInfo – the long standing and established international and interdisciplinary conference series on leading environmental information and communication technologies

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Bibliographic information published by the Deutsche Nationalbibliothek

The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available in the Internet at <http://dnb.d-nb.de>.

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ISBN 978-3-8440-8329-3

ISSN 1616-0886

Shaker Verlag GmbH • Am Langen Graben 15a • 52353 Düren

Phone: 0049/2421/99011-0 • Telefax: 0049/2421/99011-9

Internet: www.shaker.de • e-mail: info@shaker.de

EnviroInfo 2021 has been supported by



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Preface

This book presents the main research results of the 35th edition of the long-standing and established international and interdisciplinary conference series on environmental information and communication technologies (EnviroInfo 2021).

The conference was held from 27 to 29 of September 2021. It was organized by the Berlin University of Applied Sciences under the patronage of the Technical Committee on Environmental Informatics of the Gesellschaft für Informatik e.V. (German Informatics Society - GI)

This book presents a selection of peer-reviewed research papers that describe innovative scientific approaches and ongoing research in environmental informatics and the emerging field of environmental sustainability. Combining and shaping national and international activities in the field of applied informatics and Environmental Informatics, the EnviroInfo conference series aims at presenting and discussing the latest state-of-the-art development on information and communication technology (ICT) and environmental-related fields. A special focus of the conference was on the question whether Environmental Informatics is a bogeyman or a savior to achieve the UN Sustainable Development Goals.

The respective articles cover a broad range of scientific aspects including advances in core environmental informatics-related technologies, such as Sustainable Mobility Digital Sharing Economy and Sustainability, Sustainable Usability and User Experience, Earth System Observation and Computational Analysis for Sustainable Development, Modelling and Simulation in the Environmental and Earth Sciences Artificial Intelligence and Sustainability, Environmental Health Informatics, and other relevant topics in the field of Environmental Informatics.

We would like to thank all contributors for their submissions. Special thanks also go to the members of the program and organizing committees, for reviewing all submissions and Franziska Mai for layouting and organizing the submissions in this book. In particular, we like to thank our local organizers at the GIU Berlin for the local organizing support.

Last but not least, a warm thank you to our sponsors that supported the conference.

Berlin	Volker Wohlgemuth
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Berlin, September 2021

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