Record Nr. UNINA9910366657503321 **Titolo** Advances and New Trends in Environmental Informatics [[electronic resource] ]: ICT for Sustainable Solutions / / edited by Rüdiger Schaldach, Karl-Heinz Simon, Jens Weismüller, Volker Wohlgemuth Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa **ISBN** 3-030-30862-6 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (viii, 178 pages): illustrations Progress in IS, , 2196-8705 Collana Disciplina 333.714 Soggetti Computers Management information systems **Environmental management** Renewable energy resources Sustainable development Information Systems and Communication Service **Business Information Systems Environmental Management** Renewable and Green Energy Business IT Infrastructure Sustainable Development Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This book is an outcome of the 33rd International Conference Envirolnfo 2019, held at the University of Kassel, Germany. It presents a selection of papers that describe innovative scientific approaches and ongoing research in environmental informatics and the emerging field of computational sustainability. The respective articles cover a broad

range of scientific aspects including advances in core technologies such as earth observation, environmental modelling, big data and machine learning, as well as applications of ICT solutions intended to support societal transformation processes toward the more sustainable

management of resource use, transportation and the energy supply. Given its scope, the book is essential reading for scientists, experts and students in these fields of research.