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	Sommario/riassunto	This book is an outcome of the 38th International Conference EnviroInfo 2024, held at the German University in Cairo (GUC), Egypt, November 12–14, 2024. It explores the latest advancements in applied informatics, environmental informatics, and relevant sustainability practices. With a special focus on the topic "Transboundary Environmental Challenges: Digital Inclusion for Sustainable Development," the conference's goal was to foster transnational discussions and present innovative research on a wide range of subjects. From green computing to sustainable software engineering

and digital transformation in addition to circular economy and business intelligence, the book covers essential elements of shaping a greener future, while also highlighting the transformative power of digital tools and data-driven strategies in addressing environmental problems that transcend geopolitical boundaries. From climate change and biodiversity loss to water scarcity and pollution, the book examines how digital inclusion can empower communities, enhance decision-making, and promote sustainable development on a global scale. It also explores the societal aspects of environmental informatics, including environmental informatics, e.g. in developing countries. The book is an essential resource for researchers, professionals, and policymakers interested in leveraging ICT to address pressing environmental challenges and achieve sustainable development. It offers valuable insights, thought-provoking discussions, and innovative approaches to creating a sustainable and eco-friendly digital society in keeping the global sustainable development goals.