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Titolo	Universität Berlin, Deutschland </p> A New Science for Future : Climate Impact Modeling and the Quest for Digital Openness / Simon David Hirsbrunner
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Descrizione fisica	1 online resource (286 p.) : 29 SW-Abbildungen, 33 Farbabbildungen
Collana	Locating Media/Situierte Medien
Disciplina	551.6
Soggetti	Climate Change Simulation Ethnography Open Science Digitalization Media Image Society Sociology of Media Digital Media Sociology of Science Sociology of Technology Media Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (pages 264-284) and index.
Nota di contenuto	Cover -- Table of contents -- Introduction -- I. Future infrastructure -- II. Future work -- III. Future images -- IV. Future models -- V. Future data -- VI. Future fluidity -- Conclusion -- Acknowledgements -- Literature.
Sommario/riassunto	Building on concepts from Science & Technology Studies, Simon David Hirsbrunner investigates practices and infrastructures of computer modeling and science communication in climate impact research. The book characterizes how scientists calculate future climate risks in

computer models and scenarios, but also how they circulate their insights and make them accessible and comprehensible to others. By discussing elements such as infrastructures, visualizations, models, software and data, the chapters show how computational modeling practices are currently changing in light of digital transformations and expectations for an open science. A number of inventive research devices are proposed to capture both the fluidity and viscosity of contemporary digital technology.
