1. Record Nr.	UNINA9910437938703321
Titolo	Earth system modelling [[electronic resource]] . Volume 4 : IO and postprocessing / / V. Balaji, Rene Redler, Reinhard Budich, editors
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2013
ISBN	3-642-36464-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (58 p.)
Collana	SpringerBriefs in earth system sciences, , 2191-589X
Altri autori (Persone)	BalajiV RedlerRene BudichReinhard
Disciplina	550.113
Soggetti	Climatology - Mathematical models Climatic changes - Mathematical models Climatology - Computer simulation Earth sciences - Computer simulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Input/Output and Post processing -- Parallel I/O Basics -- ESM I/O layers -- Data Storage -- Data Representation -- Data Analysis and Visualization -- Future Perspectives.
Sommario/riassunto	Collected articles in this series are dedicated to the development and use of software for earth system modelling and aims at bridging the gap between IT solutions and climate science. The particular topic covered in this volume addresses the issue of data input/ouitput and post-processing in the context of Earth system modeling, with an emphasis on parallel I/O, storage management and analysis subsystems for very large scale data requirements.