

1. Record Nr.	UNINA9910337926403321
Titolo	Climate Change Impacts on Hydrological Processes and Sediment Dynamics: Measurement, Modelling and Management : The Proceedings of The Second International Young Scientists Forum on Soil and Water Conservation and ICCE symposium 2018, 27–31 August, 2018, Moscow // edited by Sergey Chalov, Valentin Golosov, Rui Li, Anatoly Tsyplenkov
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-03646-4
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (140 pages)
Collana	Springer Proceedings in Earth and Environmental Sciences, , 2524-3438
Disciplina	551.6
Soggetti	Geomorphology Climatology Sedimentology Climate Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Challenges actions of soil and water management in the changing world -- Climate change as a driver of erosion, sediment dynamics and river morphology transformation -- Ecological restoration and regional sustainable development -- Erosion and sediment transport models and river basin management tools -- Influence of climate change on water quality and drinking water treatment and supply -- Innovation of technology of soil and water conservation -- Mechanism processes and modelling of soil degradation.
Sommario/riassunto	This book offers a collection of conference articles presented at the Second International Young Scientists Forum on Soil and Water Conservation and ICCE symposium 2018 “Climate Change Impacts on Sediment Dynamics: Measurement, Modelling, and Management” held at Moscow from 27 to 31 August 2018. This conference was organized by World Association of Soil and Water Conservation (WASWAC) and Lomonosov Moscow State University in cooperation with the

International Commission on Continental Erosion of the International Association of Hydrological Sciences and World Large rivers Initiative. Topics in this book cover a wide range of questions related to fluvial geomorphology, water studies, and sediment transport.
