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Titolo	Fluvial processes . Volume 1 Drivers and conditions of river channel character and change : theory and applications // Roman S. Chalov
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Key points and development of theory of fluvial processes -- Natural factors of fluvial processes -- Conditions of river channel formation and their hydrology and morphology analysis -- Classification of fluvial processes and forms of their representation -- Directional vertical channel changes.
Sommario/riassunto	This book presents an overview of the fluvial processes theory developed in the former USSR at Lomonosov Moscow State University for the last 50 years, following the famous manuscript by Professor Makkaveev in 1955. Even being published solely in the Russian language, the theory and the author of the book, Prof. Roman Chalov, are well known in the World. This book consolidates for the first time in English, Chalov's work for the global audience. The book demonstrates how principles from fluvial geomorphology and hydrology are used to develop an ecosystem approach to river analysis and management. Despite a strong tradition in fluvial geomorphology work in the USSR, unfortunately, little has been made of insights provided on the international stage. The fluvial processes theory accepted in USSR was somewhat isolated during the long period of development from the

English-language literature. The studied rivers are mostly located in Northern Eurasia and much different from those described in classical English-language works. Chalov allows the readers to interconnect two Worlds in Geomorphology, building bridges between the classical international geomorphology and the equally in-depth and thorough but isolated research in the USSR.

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