

1. Record Nr.	UNINA9910254106603321
Titolo	Biogenic—Abiogenic Interactions in Natural and Anthropogenic Systems // edited by Olga V. Frank-Kamenetskaya, Elena G. Panova, Dmitry Yu. Vlasov
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-24987-8
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (535 p.)
Collana	Lecture Notes in Earth System Sciences, , 2193-858X
Disciplina	574.5222
Soggetti	Biogeography Physical geography Materials science Medicine - Research Biology - Research Ecology Biogeosciences Earth System Sciences Materials Science Biomedical Research Terrestrial Ecology
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 at the end of each chapters and index.
Nota di contenuto	Introduction -- Instead of the Foreword -- Biomineralization in Geosystems -- Geochemistry of Biogenic-Abiogenic Systems -- Biomineral Interactions in Soil -- bioweathering and destruction of Cultural Heritage Monuments -- Mineral Formation in Living Organisms and Biomimetic Materials -- History of Science.
Sommario/riassunto	This book offers a collection of papers presented at the V International Symposium "Biogenic - abiogenic interactions in natural and anthropogenic systems" that was held from 20-22 October 2014 in Saint Petersburg (Russia). Papers in this book cover a wide range of topics connected with interactions between biogenic and abiogenic

components in the lithosphere, biosphere and technosphere. The main topics include: biomineralization in geosystems, geochemistry of biogenic-abiogenic systems, biomineral interactions in soil, minerals in living organisms and biomimetic materials, medical geology, bioweathering and destruction of cultural heritage.
