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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1 Introduction: Study Area and Its Environmental Recognition -- 2 Methods and materials -- 3 Components of natural environment -- 4 Environmental and landscape changes -- 5 Conclusions and prognosis for environmental change.
Sommario/riassunto	This revised edition describes the transformation of the environment and landscape of Western Sørkapp Land based on research data collected by Jagiellonian University scientific expeditions in the period 1980–1986 and in 2008. It also outlines potential directions of the transformation of Western Sørkapp Land. Western Sørkapp Land has been experiencing dramatic natural changes such as glacial recession, coastline retreat, emergence of new landforms and Quaternary deposits, as well as changes in the water drainage and network due to global warming. Western Sørkapp Land is a very remote and diverse region, which is representative of the European Arctic. The establishment of South Spitsbergen National Park has led to a regeneration of the local reindeer herd, which has caused overgrazing of the local tundra resulting in altered plant communities and soil erosion. They have also destroyed numerous bird nests. The

transformation of Western Sørkapp Land is set to continue. .
