CONTENTS

Preface and Acknowle	edgments	xi		
Acronyms		xiii		
Archive and Bibliogra	aphic Acronyms and Abbreviation	ns xvii		
1. Toward an Environm the Soviet Union NICHOLAS B. BRE	nental History of Tsarist Russia a	and 3		
PART I. STEPPE ENVIRONMENTS				
2. Planting Trees in Un Steppe Forestry in the DAVID MOON	Russian Empire, 1696–1850	23		
	he Land Does Not Move" I the Ecology of the Kazakh Steppe	43, 1870–1916		
4. "The Scourge of Stoo Zhut, Limiting Environ of the Kazakh Steppe IAN W. CAMPBELL	onments, and the Economic Transf	formation 60		
5. Desiccated Steppes Droughts and Climat MARC ELIE	e Change in the USSR, 1960s–198	75 0s		
PART II. WATER ENGINEERING				
6. Leviathan on the Ox Water and Soviet Pow Christian Teich	ver on the Lower Amu Darya, 192	97 20s–1940s		
7. Soviet Irrigation Pol Ecological Critique in Julia Obertreis	licies under Fire a Central Asia, 1970s-1991	113		

PART III. LAND, ROCKS, SOIL

8.	Models of Soil and Society The Legacy of Justus Liebig in Russia and the Soviet Union MIEKA ERLEY	133
9.	How a Rock Remade the Soviet North Nepheline in the Khibiny Mountains ANDY BRUNO	147
10	Encounters with Permafrost The Rhetoric of Conquest and Processes of Adaptation in the Soviet Union PEY-YI CHU	165
	PART IV. FRUITS of the WATERS	
11	. The Christian Environmental Ethic of the Russian Pomor STEPHEN BRAIN	187
12	Experts on Unknown Waters Environmental Risk, Fisheries Science, and Local Knowledge in the Russian North JULIA LAJUS	205
13	. Fishing, Settlement, and Conservation in the Russian Far East, 1860-1940 MARK SOKOLSKY	221
14	The Tragedy of Captain Ligov The Imperial and Soviet Literature of Whaling, 1860–1960 RYAN TUCKER JONES	240
P	ART V. BODIES and DISEASE, HEALTH and ENVIRONME	NT
15	Environmental Cures along Crimea's Coast of Health George Lywood	265
16	. Reshaping the Land, Chasing the Mosquito Soviet Power and Malaria in Tajikistan, 1924–1938 LISA K. WALKER	

17. Conclusions Nature, Empire, Intelligentsia Douglas Weiner and John Brooke	298
Glossary	317
Notes	319
Contributors	389
Index	393