



1st ed. 2018, XI, 224 p. 107 illus., 80 illus. in color.

Printed book

Hardcover

119,99 € | £109.99 | \$149.99

^[1]128,39 € (D) | 131,99 € (A) | CHF 141,50

Softcover

119,99 € | £109.99 | \$149.99

^[1]128,39 € (D) | 131,99 € (A) | CHF 141,50

eBook

96,29 € | £87.50 | \$109.00

^[2]96,29 € (D) | 96,29 € (A) | CHF 113,00

Available from your library or springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Tetsuya Hiyama, Hiroki Takakura (Eds.)

Global Warming and Human - Nature Dimension in Northern Eurasia

Series: Global Environmental Studies

- Provides a detailed analysis of global warming and human/nature dynamics in Eastern Eurasia
- Introduces a multi-faceted approach based on scientific findings in hydrology, ecology, anthropology, politics, and civil engineering
- Presents several adaptation strategies based on local perceptions of global warming and related river flooding in Siberia and Finland

This book describes the current environmental changes due to global warming in northern Eurasia, especially focusing on eastern Siberia. Spring flooding, ice-jam movements, and monitoring using remote sensing are included. Additionally, current reindeer herding of indigenous peoples in Siberia and related environmental changes such as waterlogging, rising temperatures, and vegetation changes are addressed. As a summary, the book also introduces readers to adaptation strategies at several governmental levels. The book primarily focuses on 1) introducing readers to global warming and human-nature dynamics in Siberia, with special emphasis on humidification of the region in the mid-2000s, and 2) describing social adaptation to the changing terrestrial ecosystem, with an emphasis on water environments. Adaptation strategies based on vulnerability assessments of environmental changes in northern Eurasia are crucial topics for intergovernmental organizations, such as the IPCC (Intergovernmental Panel on Climate Change). Thus, the book offers a valuable resource not only for environmental researchers but also for several stakeholders regarding global environmental change.

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

