

# Contents

<b>1</b>	<b>Systematic Modeling of Land Use Impacts on Surface Climate. . . . .</b>	<b>1</b>
	Xiangzheng Deng, Burak Güneralp and Hongbo Su	
<b>2</b>	<b>Land Use Change Dynamics Model Compatible with Climate Models. . . . .</b>	<b>19</b>
	Jinyan Zhan, Jiyan Liu, Yingzhi Lin, Feng Wu and Enjun Ma	
<b>3</b>	<b>Spatially Explicit Land-Use and Land-Cover Scenarios for China . . . . .</b>	<b>47</b>
	Feng Wu, Qun'ou Jiang, Yongwei Yuan, Qian Xu and Xing Li	
<b>4</b>	<b>Projected Impacts of Cultivated Land Changes on Surface Climates in China . . . . .</b>	<b>95</b>
	Qingling Shi, Haiming Yan, Ruijie Qu and Zhaohua Li	
<b>5</b>	<b>Simulation of the Plausible Climate Effects of Ecological Restoration Programs in China . . . . .</b>	<b>135</b>
	Qun'ou Jiang, Enjun Ma, Yanfei Li and Anping Liu	
<b>6</b>	<b>Regional Climate Impacts of Future Urbanization in China . . . . .</b>	<b>167</b>
	Xinli Ke, Jinyan Zhan, Enjun Ma and Juan Huang	
<b>7</b>	<b>International Comparisons of the Modeled Climate Effects of Land Use Changes . . . . .</b>	<b>207</b>
	Yingzhi Lin, Fan Zhang, Yi Qu, Zhihui Li and Tao Zhang	
<b>8</b>	<b>Concluding Remarks on Improved Data, Upgraded Models and Case Studies . . . . .</b>	<b>259</b>
	R. B. Singh, Chenchen Shi and Xiangzheng Deng	