

<<城市环境危机管理>>

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内容概要

The Urban Environmental Crisis Management (UECM) research initiated by Yale University and its partners from the Chinese Academy of Sciences, Peking, Tianjin (TUT), Nanjing (NUIST), Liaoning University and others in China has global significance and is in urgent demand. This book systematically surveys, analyzes, and explores better ways to enhance urban environmental crisis management. The UECM research combines with the studies on regional ecosystem stability and symbiosis (RESS) for urban regional harmony and sustainability, providing an important tool and reference for urban ecosystem management research and advancement, including theories, practices, policies, mentors, cases and comparative studies along with the UECM research progress in China and at Yale.

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插图：Over the turn of the 21st century, a series of severe crisis have occurred around the world, such as the September 11th attacks on the United States in 2001, the outbreak of SARS epidemic in 2003, the tsunami caused by the earthquake near the Indian Ocean in late 2004, the Katrina hurricane in the US in 2005, the Songhua River pollution in China in late 2005, and the blue-green algae bloom in Wuxi of Taihu region in China in 2007, etc.. These crisis have greatly impacted the local economic and social development. The frequently occurred crisis across China and the world threaten not only the regional environment but also the global environment, consequently causing the global economy and sustainable development a series of following problems. According to a report of the Wall Street Journal on November 9, 2005, eight of the top 10 severe disasters in US occurred during the past four years from 2001 to 2005. The following figure 1.1 reveals an increasing trend of disasters that occurred in the world between 1975 and 2007. Economy, society and natural environment make up a complete ecosystem, in which the natural environment will directly influence the other two components. Thus environmental problems become an inevitable vital issue in social management concerns, and crisis response is considered an important indicator in governmental capability evaluation. It is critical for human beings to build a better crisis management system and form an effective institution to handle these crisis. New challenges emerge in urban management in better addressing various crisis especially environmental crisis, and preventing and mitigating consequent risks and damages. China is facing rapid economic growth along with economic globalization, and its industrialization is at a heavy chemical-industrial stage. This state, along with its advancing urbanization and new rural development.

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