

1. Record Nr.	UNINA9910422646403321
Autore	Li Linghao
Titolo	Grassland Ecosystems of China : A Synthesis and Resume / / by Linghao Li, Jiquan Chen, Xingguo Han, Wenhao Zhang, Changliang Shao
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-3421-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVII, 583 p. 125 illus., 20 illus. in color.)
Collana	Ecosystems of China, , 2730-5481 ; ; 2
Disciplina	574.5264
Soggetti	Biotic communities Ecology Animal migration Plant ecology Biodiversity Ecosystems Terrestrial Ecology Animal Migration Plant Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Overview of Chinese grassland ecosystems -- Chapter 3. Natural conditions -- Chapter 4. Major regional grasslands in China -- Chapter 5. Type and distribution of Chinese grassland ecosystems -- Chapter 6. Meadow steppe ecosystem -- Chapter 7. Typical steppe ecosystem -- Chapter 8. Desert steppe ecosystem -- Chapter 9. Alpine steppe ecosystem -- Chapter 10. Montane steppe ecosystem -- Chapter 11. Shrub Steppe Ecosystem -- Chapter 12. Sandy grassland ecosystem -- Chapter 13. Desert Rangeland Ecosystem -- Chapter 14. Meadows -- Chapter 15. Marsh Grassland Ecosystem -- Chapter 16. Tussock Grassland Ecosystem.
Sommario/riassunto	This book provides a comprehensive overview of grassland ecosystems based on publications by Chinese scholars. It offers an up-to-date review of the recent advances in grassland research in China, discusses the climatic and physical conditions governing the grasslands, describes their types and distribution, and introduces a new

classification scheme for grassland ecosystems. Further, it details the plant, animal, and microbial compositions of each grassland ecosystem type, examining the above and below ground relationships between phytomass, vegetation succession, and past/current management practices with a particular focus on the steppes in China. It also includes references that are only available in the Chinese language. This scientifically rigorous book offers insights into knowledge gaps for the scientific community and identifies pressing issues facing practitioners of grassland ecology and management. It can be used as a textbook for undergraduate and graduate students in ecology, environmental science, natural resource management, agriculture, and other relevant fields, and is also a valuable reference resource for researchers studying drylands in China or around the globe.

---