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Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (xxv, 656 pages) : illustrations (some color), maps
Collana	Gale eBooks
Disciplina	509
Soggetti	Science - History World history Climatology Ecology History of Science World History, Global and Transnational History Climate Sciences Environmental Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Palgrave handbooks"--Spine.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. General Introduction: Weather, Climate, and Human History -- Part I Reconstruction -- 2. The Global Climate System -- 3. Archives of Nature and Archives of Societies -- 4. Evidence from the Archives of Societies: Documentary Evidence—Overview -- 5. Evidence from the Archives of Societies: Personal Documentary Sources -- 6. Evidence from the Archives of Societies: Institutional Sources -- 7. Evidence from the Archives of Societies: Early Instrumental Observations -- 8. Evidence from the Archives of Societies: Historical Sources in Glaciology -- 9. Analysis and Interpretation: Homogenization of Instrumental Data -- 10. Analysis and Interpretation: Calibration-Verification -- 11. Analysis and Interpretation: Temperature and Precipitation Indices -- 12. Analysis and Interpretation: Spatial Climate Field Reconstructions

-- 13. Analysis and Interpretation: Modeling of Past Climates -- 14. The Denial of Global Warming -- Part II Historical Climatology: Periods and Regions -- 15. The Holocene -- 16. Mediterranean Antiquity -- 17. China: 2000 Years of Climate Reconstruction from Historical Documents -- 18. Climate History of Asia (Excluding China) -- 19. Climate History in Latin America -- 20. A Multi-Century History of Drought and Wetter Conditions in Africa -- 21. Recent Developments in Australian Climate History -- 22. European Middle Ages -- 23. Early Modern Europe -- 24. North American Climate History (1500–1800) -- 25. Climate from 1800 to 1970 in North America and Europe -- 26. Global Warming (1970–Present) -- Part III Climate and Society -- 27. Climate, Weather, Agriculture, and Food -- 28. Climate, Ecology, and Infectious Human Disease -- 29. Climate Change and Conflict -- 30. Narrating Indigenous Histories of Climate Change in the Americas and Pacific -- 31. Migration and Climate in World History -- Part IV Case Studies in Climate Reconstruction and Impacts -- 32. The Climate Downturn of 536–50 -- 33. The 1310s Event -- 34. The 1780s: Global Climate Anomalies, Floods, Droughts, and Famines -- 35. A Year Without a Summer, 1816 -- Part V The History of Climate Ideas and Climate Science -- 36. Climate as a Scientific Paradigm—Early History of Climatology to 1800 -- 37. Climate and Empire in the Nineteenth Century -- 38. From Climatology to Climate Science in the Twentieth Century.

Sommario/riassunto

This handbook offers the first comprehensive, state-of-the-field guide to past weather and climate and their role in human societies. Bringing together dozens of international specialists from the sciences and humanities, this volume describes the methods, sources, and major findings of historical climate reconstruction and impact research. Its chapters take the reader through each key source of past climate and weather information and each technique of analysis; through each historical period and region of the world; through the major topics of climate and history and core case studies; and finally through the history of climate ideas and science. Using clear, non-technical language, *The Palgrave Handbook of Climate History* serves as a textbook for students, a reference guide for specialists and an introduction to climate history for scholars and interested readers.
