

1. Record Nr.	UNINA9910300579803321
Titolo	The Palgrave Handbook of Critical Physical Geography / / edited by Rebecca Lave, Christine Biermann, Stuart N. Lane
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2018
ISBN	9783319714615 3319714619
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (607 pages) : illustrations
Disciplina	910.02
Soggetti	Human geography Physical geography Human Geography Physical Geography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Palgrave Handbooks"--Cover.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Section 1: Introduction -- 1. Introduction Critical Physical Geography; Rebecca Lave, Christine Biermann and Stuart Lane -- 2. Towards a Genealogy of Critical Physical Geography; Stuart Lane, Christine Biermann and Rebecca Lave -- 3. In Defense of Crappy Landscapes; Michael A. Urban -- 4. A Framework for Understanding the Politics of Science; Leonora King and Marc Tadaki -- 5. The Impacts of Doing Environmental Research; Justine Law -- Section 2: CPG in Practice -- 6. The Trouble with Savanna and Other Environmental Categories, Especially in Africa; Chris Duvall, Bilal Butt and Abigail Neely -- 7. Between Sand and Sea: Constructing Mediterranean Plant Ecology; Diana K. Davis -- 8. How the West was Spun: The De-Politicization of Fire in the American West; Gregory Simon -- 9. Critical Physical Geography in Practice: Landscape Archaeology; Daniel Knitter et al. -- 10. Shifting Climate Sensitivities, Shifting Paradigms: Tree-Ring Science in a Dynamic World; Christine Biermann and Henri Grissino-Mayer -- 11. Forest Land Use Legacy Research Exhibits Aspects of Critical Physical Geography; David Robertson, Chris Larsen and Steve Tulowiecki -- 12. Critical Invasion Sciences: Weeds, Pests, and Aliens; Christian A. Kull -- 13. Mapping Ecosystem Services: From Biophysical

Processes to (Mis)Uses; Simon Dufour et al. -- 14. Beyond "The Mosquito People": The Challenges of Engaging Community for Environmental Justice in Infested Urban Spaces; Dawn Biehler et al. -- 15. Circulating Wildfire: Capturing the Complexity of Wildlife Movements in the Tarangire Ecosystem in Northern Tanzania from a Mixed Methods, Multiple Situated Perspective; Mara Goldman -- 16. Race, Class Conflict and the Origins of Range Management; Nathan F. Sayre -- 17. Coffee, Commerce, and Colombian National Social Science (1929-1946); Greta Marchesi -- 18. Who Values What Nature? Constructing Conservation Value with Fungi; Elizabeth S. Barron -- 19. Soils in Eco-Social Context: Soil pH and Social Relations of Power in a Northern Drava Floodplain and Agricultural Area; Salvatore Engel-DiMauro -- 20. Questions of Imbalance: Agronomic Science and Sustainability Assessment in Dryland West Africa; Matthew D. Turner -- 21. Commodifying Streams: A CPG Approach to Stream Mitigation Banking in the US; Rebecca Lave, Martin Doyle and Morgan Robertson -- 22. The Science and Politics of Water Quality; Javier Arce Nazario -- Section 3: Conclusion: Reflecting on Critical Physical Geography -- 24. Proliferating a New Generation of Critical Physical Geographers: Graduate Education in UMass's RiverSmart Communities Project; Nicole Gillett et al. -- 25. Charting a Critical Physical Geography Path in Graduate School: Sites of Student Agency; Lisa C. Kelley et al. -- 26. Critical Reflections on a Field in the Making; Christine Biermann, Stuart Lane and Rebecca Lave.

Sommario/riassunto

This handbook is recognition of the need to better integrate physical and human geography. It combines a collection of work and research within the new field of Critical Physical Geography, which gives critical attention to relations of social power with deep knowledge of a particular field of biophysical science. Critical Physical Geography research accords careful attention to biophysical landscapes and the power relations that have increasingly come to shape them, and to the politics of environmental science and the role of biophysical inquiry in promoting social and environmental justice. The Palgrave Handbook of Critical Physical Geography lays out the scope and guiding principles of Critical Physical Geography research. It presents a carefully selected set of empirical work, demonstrating the range and intellectual strength of existing integrative work in geography research. This handbook is the first of its kind to cover this emerging discipline and will be of significant interest to students and academics across the fields of geography, the environment and sustainability. .
