

1. Record Nr.	UNINA9910146104903321
Titolo	A companion to environmental geography // edited by Noel Castree ... [et al.]
Pubbl/distr/stampa	Chichester, U.K. ; ; Malden, MA, : Wiley-Blackwell, 2009
ISBN	9786612026218 9781282026216 1282026216 9781780342108 1780342101 9781405197922 1405197927 9781444305722 1444305727 9781444305739 1444305735
Edizione	[1st ed.]
Descrizione fisica	1 online resource (604 p.)
Collana	Blackwell companions to geography
Classificazione	290.13 333.709
Disciplina	333.709
Soggetti	Environmental geography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction : making sense of environmental geography / Noel Castree, David Demeritt and Diana Liverman -- Pt. I. Concepts -- 2. Nature / Bruce Braun -- 3. Sustainability / Becky Mansfield -- 4. Biodiversity / Karl S. Zimmerer -- 5. Complexity, chaos and emergence / Steven M. Manson -- 6. Uncertainty and risk / James D. Brown and Sarah L. Damery -- 7. Scale / Nathan F. Sayre -- 8. Vulnerability and resilience to environmental change : ecological and social perspectives / W. Neil Adger and Katrina Brown -- 9. Commodification / Scott Prudham -- Pt. II. Approaches -- 10. Earth-system science / John Wainwright -- 11. Land change (systems) science / B.L. Turner II -- 12. Ecology : natural and political / Matthew D. Turner -- 13. Quaternary

geography and the human past / Jamie Woodward -- 14. Environmental history / Georgina H. Endfield -- 15. Landscape, culture and regional studies : connecting the dots / Kenneth R. Olwig -- 16. Marxist political economy and the environment / George Henderson -- 18. After nature : entangled worlds / Owain Jones -- Pt. III. Practices -- 19. Remote sensing and Earth observation / Heiko Balzter -- 20. Modelling and simulation / George L.W. Perry -- 21. Integrated assessment / James Tansey -- 22. Ethnography / Kevin St. Martin and Marianna Pavlovskaya -- 23. Analysing environmental discourses and representations / Tom Mels -- 24. Deliberative and participatory approaches in environmental geography / Jason Chilvers -- Pt. IV. Topics -- 25. Ecosystem prediction and management / Robert A. Francis -- 26. Environment and development / Tom Perreault -- 27. Natural hazards / Daanish Mustafa -- 28. Environmental governance / Gavin Bridge and Tom Perreault -- 29. Commons / James McCarthy -- 30. Water / Karen Bakker -- 31. Energy transformations and geographic research / Scott Justo -- 32. Food and agriculture in a globalising world / Richard Le Heron -- 33. Environment and health / Hilda E. Kurtz and Karen E. Smoyer-Tomic.

Sommario/riassunto

A Companion to Environmental Geography is the first book to comprehensively and systematically map the research frontier of 'human-environment geography' in an accessible and comprehensive way. Cross-cuts several areas of a discipline which has traditionally been seen as divided; presenting work by human and physical geographers in the same volume. Presents both the current 'state of the art' research and charts future possibilities for the discipline. Extends the term 'environmental geography' beyond its 'traditional' meanings to include new work on nature and environment by

2. Record Nr.	UNINA9910659486503321
Titolo	Challenges in Science Education : Global Perspectives for the Future // edited by Gregory P. Thomas, Helen J. Boon
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2023
ISBN	9783031180927 3031180925
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (319 pages)
Disciplina	810.9356 507.1
Soggetti	Science - Study and teaching Schools Education - Curricula Teaching Teachers - Training of Technical education Science Education School and Schooling Curriculum Studies Pedagogy Teaching and Teacher Education Engineering and Technology Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction: So Many Challenges—So Many Choices (In Science Education) -- The Drive for Impact: Science Education in the Quantum Age -- Teaching Science That Is Inquiry-Based: Practices and Principles -- Educating About Mass Vaccinations in a Post-Truth Era -- A Perspective on Drivers Impacting Science Teacher Preparation in Developing Countries -- Everyday Science for Building Schoolchildren's Informed Agency for Action -- Pre-service Elementary Teachers as Game Designers: Emotional Experiences from the Field -- The Nature

of Teacher Educators' Professional Learning: Reflections of Two Science Teacher Educators -- Breaking the Vicious Circle of Secondary Science Education with Twenty-First-Century Technology: Smartphone Physics Labs -- Science and Technology Studies Informing STEM Education: Possibilities and Dilemmas -- Using Animals in Education as a Means of Discovering Meaningful Contexts to Enhance Learning and Motivate Learners: Challenges and Opportunities to Integrate and Broaden STEM Education -- Instruction for Metacognition in Science Classrooms: Harsh Realities and a Way Forward? -- Identifying and Challenging the Narrow Cognitive Demands of Science Textbooks.

Sommario/riassunto

This edited volume focuses on challenges facing science education across three areas: curriculum, teacher education, and pedagogy. Integrating a diverse range of perspectives from both emerging and established scholars in the field, chapters consider the need for measured responses to issues in society that have become pronounced in recent years, including lessons from the Covid-19 pandemic, the environment, and persisting challenges in STEM teaching and learning. In doing so, the editors and their authors chart a potential course for existing and future possibilities and probabilities for science education. Gregory P. Thomas is Professor of Science Education at the University of Alberta, Canada. His scholarly interests include developing and exploring the intersections of metacognition, learning environments, and science education to enhance classroom practices. Helen J. Boon is Associate Professor at James Cook University, Australia. Boon teaches educational psychology and research methods, while her research focuses on climate change education, resilience to disasters, culturally responsive pedagogy and ethics.
