1. Record Nr. UNINA9910484851003321

Titolo	Dealing with disasters : perspectives from eco-cosmologies / / Diana Riboli [and three others], editors
Pubbl/distr/stampa	Cham, Switzerland : , : Palgrave Macmillan, , [2021] ©2021
ISBN	3-030-56104-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVI, 262 p. 29 illus., 17 illus. in color.)
Collana	Palgrave studies in disaster anthropology
Disciplina	155.935
Soggetti	Disasters - Psychological aspects Healing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction, Diana Riboli and Davide Torri -- Chapter 2. “The War Has Just Begun.” Nature’s Fury against Neocolonial ‘Spirit/s’: Shamanic Perceptions of Natural Disasters in Comparative Perspective, Diana Riboli -- Chapter 3. The Spirits of Extractivism: Non-human Meddling, Shamanic Diplomacy and Cosmo-political Strategy among the Urarina (Peruvian Amazon), Emanuele Fabiano -- Chapter 4. Batek Cosmopolitics in the Early 21st Century, Ivan Tracey -- Chapter 5. Jinn Pinn Dance in the Floods: Perceptions of Flood Disasters among the Kalasha of Pakistan, Taj Khan Kalash -- Chapter 6. Eco-Cosmologies: Renewable Energy , Pamela J. Stewart and Andrew J. Strathern -- Chapter 7. The Earth and the Tree in Alekh Shamanism in Koraput/ Odisha, Lidia Guzy -- Chapter 8. Sacred, Alive, Dangerous and Endangered: Humans, Non-humans and Landscape in the Himalayas, Davide Torri -- Chapter 9. Shamanism, Magic and Indigenous Ontologies: Eco-critical Perspectives on Environmental Changes in India, Stefano Beggiora -- Chapter 10. Unblocking the Blockage between Earth and Heaven: Shamanic Space for Cultural Intimacy in China, Naran Bilik -- Chapter 11. Burying gold, digging the past: remembering Ma Bufang regime in Qinghai (PRC), Valentina Punzi.
Sommario/riassunto	Providing a fresh look at some of the pressing issues of our world today, this collection focuses on experiential and ritualized coping

practices in response to a multitude of environmental challenges—cyclones, volcanic eruptions, tsunamis, earthquakes, warfare and displacements of peoples and environmental resource exploitation. Eco-cosmological practices conducted by skilled healing practitioners utilize knowledge embedded in the cosmological grounding of place and experiences of place and the landscapes in which such experience is encapsulated. A range of geographic case studies are presented in this volume, exploring Asia, Europe, the Pacific, and South America. With special reference throughout to ritual as a mode of seeking the stabilization, renewal, and continuity of life processes, this volume will be of particular interest to readers working in shamanic and healing practices, environmental concerns surrounding sustainability and conservation, ethnomedical systems, and religious and ritual studies.

2. Record Nr. UNINA9910254605903321

Autore	Thiele Stefan
Titolo	Read-Out and Coherent Manipulation of an Isolated Nuclear Spin : Using a Single-Molecule Magnet Spin-Transistor / / by Stefan Thiele
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-24058-7
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (167 p.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	530
Soggetti	Quantum computers Spintronics Biophysics Nuclear physics Heavy ions Magnetism Magnetic materials Quantum Information Technology, Spintronics Biological and Medical Physics, Biophysics Nuclear Physics, Heavy Ions, Hadrons Magnetism, Magnetic Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	"Doctoral Thesis accepted by the University of Grenoble, France."
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Single Electron Transistor -- Magnetic Properties of TbPc2 -- Experimental Details -- Single-Molecule Magnet Spin-Transistor -- Nuclear Spin Dynamics - T1 -- Nuclear Spin Dynamics – T*2 -- Conclusion and Outlook.
Sommario/riassunto	This thesis sheds new light on the worldwide first electrical manipulation of a single nuclear spin. Over the last four decades, the size of a bit, the smallest logical unit in a computer, has decreased by more than two orders of magnitude and will soon reach a limit where quantum phenomena become important. Inspired by the power of quantum mechanics, researchers have already identified pure quantum systems, having, analog to a classical bit, two controllable and readable states. In this regard, the inherent spin of electrons or nuclei with its two eigenstates, spin up and spin down, is a promising candidate. Using expertise in the field of single-molecule magnets, the author developed a molecular transistor, which allows quantum information to be written onto a single nuclear spin by means of an electric field only, and, in addition, enables the electronic read-out of this quantum state. This novel approach opens a path to addressing and manipulating individual nuclear spins within a very confined space (a single molecule), at high speed. Thus, the author was able to show that single molecule magnets are promising candidates for quantum information processing, which is triggering a new field of research towards molecular quantum electronics.