Record Nr.	UNINA9910826152003321
Titolo	Tackling wicked problems through the transdisciplinary imagination / / edited by Valerie A. Brown, John A. Harris and Jacqueline Y. Russell
Pubbl/distr/stampa	London ; ; Washington, DC, : Earthscan, 2010
ISBN	1-136-53144-0 1-136-53145-9 1-282-78989-9 9786612789892 1-84977-653-9
Edizione	[First edition.]
Descrizione fisica	1 online resource (326 p.)
Altri autori (Persone)	BrownValerie A HarrisJohn A <1941-> (John Alfred) RussellJacqueline Y
Disciplina	507.2
Soggetti	Interdisciplinary research Interdisciplinary approach to knowledge Social problems - Environmental aspects
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	 Front Cover; Tackling Wicked Problems; Copyright Page; Contents; List of Figures, Tables and Boxes; List of Contributors; Acknowledgements; Foreword by John Reid; Part 1: The Ideas; 1. Towards a Just and Sustainable Future: V. A. Brown, P.M. Deane, J. A. Harris and J. Y. Russell; 2. Beyond Disciplinary Confinement to Imaginative Transdisciplinarity: R. J. Lawrence; 3. A Philosophical Framework for an Open and Critical Transdisciplinary Inquiry: J. Y. Russell; 4. Collective Inquiry and Its Wicked Problems: V. A. Brown; 5. Ignorance and Uncertainty: M. Smithson; Part 2: The Practice; Overview 6. Conducting an Imaginative Transdisciplinary Inquiry: V. A. Brown7. Specialized Inquiry; Overview; 7a. 'Now I'm Not an Expert in Anything': Challenges in Undertaking Transdisciplinary Inquiries across the Social and Biophysical Sciences: H. J. Aslin and K. L. Blackstock; 7b. Global Inequalities in Research: A Transdisciplinary Exploration of Causes and Consequences: L. van Kerkhoff; 7c. Applying Specialized Knowledge: J.

1.

	Schooneveldt; 8. Community-Based Inquiry; Overview; 8a. Inclusive Governance for Sustainability: C. M. Hendriks 8b. Fences and Windows: Using Visual Methods to Explore Conflicts in Land and Seascape Management: C. Wyborn and D. Cleland8c. Calculating Community Risk: A Transdisciplinary Inquiry into Contemporary Understandings of Risk: G. Li; 9. Organizational Inquiry; Overview; 9a. Embedded Scales: Interdisciplinary and Institutional Issues: S. Dovers; 9b. Adaptiveness and Openness in Ecosystem Management: An Exemplary Sensitivity: G. Walkerden; 9c. Truth, Knowledge and Data: A Study of Truth-Building in Organizational Change: C. Parissi; 10. Individual-Focused Inquiry; Overview 10a. Making Their Way: Releasing the Potential of Environmental Studies Graduates: J. A. Harris10b. White Skin Black Masks: A Personal Narrative on Benevolent Racism: J. Grootjans; 10c. Exploring the Doctoral Interface: J. Cumming; 11. Holistic Inquiry; Overview; 11a. Designerly Ways of Knowing: What Does Design Have to Offer?: V. P. Turnbull Hocking; 11b. Rethinking Change: R. Griffith; 11c. All Knowledge Is Indigenous: K. Arabena; Part 3: The Future; Overview; 12. Human Ecology and Open Transdisciplinary Inquiry: R. Dyball; 13. Can There Be a Community of Practice?: V. A. Brown; Glossary Index
Sommario/riassunto	From climate change to GM foods, we are increasingly confronted with complex, interconnected social and environmental problems that span disciplines, knowledge bases and value systems. This book offers a transdisciplinary, open approach for those working towards resolving these 'wicked' problems and highlights the crucial role of this 'transdisciplinary imagination' in addressing the shift to sustainable futures.1. Towards a Just and Sustainable Future 10a Making Their Way10b White Skin, Black Masks10c Exploring the Doctoral Interface11a Designerly Ways of Knowing11b Rethinking Change11c All Knowledge Is Indigenous2. Beyond Disciplinary Confinement to Imaginative Transdisciplinary Inquiry 4. Collective Inquiry and Its Wicked Problems5. Ignorance and Uncertainty6. Conducting an Imaginative Transdisciplinary Inquiry 7. Specialized Inquiry7a 'Now I'm Not an Expert in Anything7b Global Inequalities in Research7c Applying Specialized Knowledge8. Community-based Inquiry8a Inclusive Governance for Sustainability8b Fences and Windows8c Calculating Community Risk9. Organisational Inquiry9a Embedded Scales9b Adaptiveness and Opennes9c Truth, Knowledge and DataAcknowledgementsGlossaryIndexOverviewO