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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.

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Tackling Wicked Problems provides readers with a framework and practical examples that will guide the design and conduct of their own open-ended enquiries. In this approach, academic disciplines are combined with personal, local and strategic understanding and researchers are required to recognise multiple knowledge cultures, accept the inevitability of uncertainty, and clarify their own and others' ethical positions. The authors then comment on fifteen practical examples of how researchers have engaged with the opportunities and challenges of conducting transdisciplinary inquiries. The book gives those who are grappling with complex problems innovative methods of inquiry that will allow them to work collaboratively towards long-term solutions.