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Nota di contenuto	Adaptive dancing : interactions between social resilience and ecological crises / Lance H. Gunderson -- Nature and society through the lens of resilience : toward a human-in-ecosystem perspective / Iain J. Davidson and Fikret Berkes -- Redundancy and diversity : do they influence optimal management? / Bobbi Low [and others] -- The strategy of the commons : history and property rights in central Sweden / Lars Carlsson -- Management practices for building adaptive

capacity: a case from northern Tanzania / Maria Tengo and Monica Hammer -- Living with disturbance : building resilience in social-ecological systems / Johan Colding, Thomas Elmqvist, and Per Olsson -- Exploring the role of local ecological knowledge in ecosystem management : three case studies / Madhav Gadgil [and others] -- Facing the adaptive challenge : practitioners' insights from negotiating resource crises in Minnesota / Kristen Blann, Steve Light, and Jo Ann Musumeci -- Caribou co-management in northern Canada : fostering multiple ways of knowing / Anne Kendrick -- Dynamics of social-ecological changes in a lagoon fishery in southern Brazil / Cristiana S. Seixas and Fikret Berkes -- Keeping ecological resilience afloat in cross-scale turbulence : an indigenous social movement navigates change in Indonesia / Janis B. Alcorn [and others] -- Policy transformations in the US forest sector, 1970-2000 : implications for sustainable use and resilience / Ronald L. Trosper -- Synthesis : building resilience and adaptive capacity in social-ecological systems / Carl Folke, Johan Colding, and Fikret Berkes.

Sommario/riassunto

In the effort towards sustainability, it has become increasingly important to develop conceptual frames to understand the dynamics of social and ecological systems. Drawing on complex systems theory, this book investigates how human societies deal with change in linked social-ecological systems, and build capacity to adapt to change. The concept of resilience is central in this context. Resilient social-ecological systems have the potential to sustain development by responding to and shaping change in a manner that does not lead to loss of future options. Resilient systems also provide capacity for renewal and innovation in the face of rapid transformation and crisis. The term navigating in the title is meant to capture this dynamic process. Case studies and examples from several geographic areas, cultures and resource types are included, merging forefront research from natural sciences, social sciences and the humanities into a common framework for new insights on sustainability.
