

Appendix

Table A1. Twelve examples of coding.

Reference	Important statements	Assessment Q1 Spontaneous(S) vs. Intentional(I) (B indicates Both)	Assessment Q2 Descriptive(D) vs. Normative(N)/Vaguely Normative(VN) (SP indicates Several Perspectives)	
Berkes (2010)	p. 495 Hence, successive loops of learning-as-participation help combine elements of adaptive management with elements of co-management. Each cycle starts with observation and identification of problems and opportunities, leading to action-reflection and further action. Outcomes of successive plans need to be monitored and evaluated, followed by reflection, to lead to the next cycle. Each cycle provides new information for the next iteration, and also serves as a learning step, leading to co-management at successively larger scales over time (Berkes 2009).	No reference to intentions or strategies. Loops of learning are assumed to emerge to co-management.	S	D
Allison and Hobbs (2004)	p. 5 If each of the three properties (potential, connectedness, and resilience) in the adaptive cycle is given two nominal levels, either low or high, then the adaptive cycle model uses only four of a possible eight combinations (23) of the three properties, and two of the other four combinations are suggested as pathological states, labeled the poverty trap and the rigidity trap by Holling et al. (2002c), which are departures from the adaptive cycle (Fig. 3).	No discussion of strategies of actors, all events are just unfolding.	S	VN
Barthel et al. (2005)	p.16: need to develop a social capacity for urban ecosystem management to respond to change, and to develop policy directions that can help build resilience to deal with further change. Berkes et al. (2003) refer to such a capacity as “adaptive capacity.” p.16: A crucial part of building adaptive capacity is a governance system that can learn from experience and generate knowledge across organizational levels. p. 2: Finally, we discuss how their integration in adaptive co-management systems may provide more efficient management of biodiversity and ecosystem services in the NUP.... investigate how adaptive capacity can be built to better respond to social–ecological change	Building adaptive capacity requires governance and learning from experience, generating knowledge across organizational levels. No discussions of strategies or agendas.	S	N
Schluter et al. (2009)	p 497 A farmer bases his labor allocation decision on an evaluation of the returns per effort obtained from his farming and fishing activities in the previous year. Hence, he adapts his strategy by learning from past experiences to find the mixture of activities that yields the highest returns per effort. p 501 This learning process and its transient dynamics can lead to suboptimal outcomes when agents do not have enough time or capital to adapt their strategy to the local conditions before going bankrupt. Diversification of water use by balancing the needs of different water users as demonstrated here can contribute to an enhancement of adaptive capacity and thus resilience.	Farmers are assumed to spontaneously learn from experience on a single parameter (yield). No analysis of actors strategies or agendas. Agents are predictable.	S	SP

Atwell et al. (2010)	<p>p. 1083. Resilience is not a normative term; system configurations characterized as resilient may be either desirable or undesirable. In particular, resilience theorists are interested in understanding where resilience, adaptive capacity, and the potential for innovation reside in linked social-ecological systems and how these attributes can be gained, lost, or preserved (Walker et al., 2002).</p> <p>p. 1083. In this type of trap, which has been referred to as the rigidity trap by resilience theorists (Gunderson and Holling, 2002; Allison and Hobbes, 2004; Atwell et al., 2009b), the high adaptive potential and connectedness of social actors makes it possible to continue to invest in the current way of doing agriculture, in spite of the mounting social and ecological deficits and economic inefficiencies (Harvey, 2004), associated with this trajectory.</p> <p>p. 1087. Our participants indicated that regional coordination of scientific monitoring, adaptive management, and enforceable environmental standards are foundational to long term, multi-objective change given the complexity of the Corn Belt system. While such an approach was seen by our workshop participants as having the potential to link agricultural and conservation objectives, they also indicated that macro-scale programs intended to mandate or coerce landscape change across private property boundaries are often resisted by stakeholder groups."</p>	Clear discussions of different actors and interest of different groups	I	Resilience, and adaptive capacity, clearly seen as descriptive concepts.	D
Armitage et al. (2008)	<p>p. 89. Woodhill (2002) considers social learning to be a "process by which society democratically adapts its core institutions to cope with social and ecological change in ways that will optimize the collective wellbeing of current and future generations".</p> <p>p. 91. In principle, the core of this learning-by-doing or 'adaptive management' approach involves flexible institutional and organizational arrangements that encourage reflection and innovative responses (e.g., modifying resource management strategies in the face of change).</p> <p>p. 93. foster more adaptive forms of co-management may require strategic combinations of various experimental approaches (from both the natural and social sciences) to enable diverse learning outcomes.</p> <p>p. 92. 'where there is evidence of ongoing or continuous social learning, then social capital may be produced and/or increased, and a group or network may be open to new ideas and adaptive' ... highlight the importance of structured experimentation as a basis to foster more adaptive forms of co-management.</p> <p>p. 93. The participatory nature of adaptive co-management creates ideal conditions for collaboration required to support different learning strategies and enable different types of learning.... A potential strength of adaptive co-management is that it links groups and fosters knowledge synthesis</p>	Adaptive management refers to reflexive arrangements by a group or network with regard to modify resource management strategies. Strategies of actors are thus considered. (Detta exempel visar hur svårt det kan bli för egentligen diskuterar de inte intentioner eller strategier explicit, men aktörer framställs som reflexiva vilket är vårt tredje krav	I	Adaptability linked to social learning which is framed as desirable, optimizing collective wellbeing for future generations	VN
Beier et al. (2009)	<p>p. 9. Tongass system became rigid and maladaptive in response to a confluence of events that fostered simultaneous collapse dynamics in the policy and economic subsystems. Within 5 years of the passage of the TTRA, Tongass timber production declined by roughly 85% and stabilized at an output level equivalent to the pre-industrial production level (Fig. 1).</p> <p>p. 11. The preceding narrative suggests the importance of changes in federal policy and larger-scale economic factors as the key drivers of adaptive-cycle dynamics in Tongass governance. Policy mobilized much of the initial growth, provided much of the stability during the conservation phase, and served to destabilize—at first incrementally and then rather suddenly—the industrial forestry regime of the Tongass.</p> <p>p. 13. In the current state, Tongass managers are pitted between environmental advocacy groups (via litigation and appeals) and pro-timber legislators and executive officials (via budgets and national leadership). This situation acts to maintain day-to-day Tongass decision making in a highly stable but inflexible state that constrains managers from responding adaptively to changing conditions and, ultimately, from finding a sustainable direction for the future governance of the Tongass. As long as the dominant venues of stakeholder input in Tongass decision making are adversarial—i.e., through appeals and litigation—the institutional subsystem will remain "trapped" in the collapse [Ω] phase</p>	Narrative draws on adaptive cycles, but results are clearly discussed in context of strategies of actors, and of policy making.	I	Maladaptive response equated with decline/collapse of forestry system. Inflexibility constrains adaptive responses and ultimately sustainability.	N

Adger (2006)	<p>p. 277. As a result, adaptive actions often reduce the vulnerability of those best placed to take advantage of governance institutions, rather than reduce the vulnerability of the marginalized, or the undervalued parts of the social-ecological system (Adger et al., 2005a).</p> <p>p. 277. Adaptation does not necessarily entail changes in system boundaries in order to build resilience. And in the same fashion, adaptation strategies that include radical change of resource use (in location, economics or significant land use change for example) may not necessarily be a symptom of a lack of resilience.</p>	Discussion of how adaptive actions in relation to vulnerability and resilience vary among actors with different opportunities.	I	Refer to undervalued parts of the social-ecological system which is clearly normative, but the adaptation process as such is described descriptively, with adaptations having different outcomes. Both normative and analytical use.	SP
Gotts (2007)	<p>p. 6. There is a systematic ambiguity in the term “adaptive,” as used in “adaptive cycle.” The key question is: What adapts? In Holland (1992:184-185), adaptation is a property of organisms or of analogous components of an artificial system.</p> <p>p. 7. The panarchical perspective has also had little to say about the long-term growth of world population, energy use and polity size, and the power of technology available for human use. As with the comparative neglect of conflict and elite dynamics, this is perhaps unsurprising, given its disciplinary roots in economics, ecosystem science, institutional research, and adaptive complex system theory (Holling 2003). However, all these factors have enormous implications for the past and future development of social-ecological systems at all scales.</p>	Several perspectives, review of adaptive cycle and adaptations therein. Notes that the adaptive cycle critically does not address power and political dimensions.	B	No particular norm. Theoretical discussion on adaptations only.	D
Janssen et al. (2007)	<p>p. 309. systems subjected to a particular type and degree of variability may become highly optimized to tolerate this variability (this characteristic of adaptive systems is referred to as highly optimized tolerance or HOT). In so doing, however, the system may become more brittle and susceptible to changes that may occur in the type and degree of variability to which it has become highly adapted or to new types of disturbances.</p> <p>p. 311. We may distinguish two classes of adaptations. First, people have developed institutions over time, intentionally or not, to spread resource-use intensity over space and/or time in accordance with particular variability regimes.</p> <p>p. 312. The second class of adaptations is characterized by those directed at managing discrete disturbances like droughts, cyclones, and price fluctuations.</p> <p>p. 312. For example, from the perspective of higher level authorities, local SES might not be recognized as being well adapted to the challenges it faces. The ambitions of higher level authorities may lead to changes in local institutions in the expectation of meeting their goals. Lack of understanding of the SES leads to an inability to meet participants' goals and a reduction of the performance of local and sometimes larger scale SESs.</p>	Adaptations mentioned as intentional or not. Different agendas of actors referred to. But also framing of adaptations as spontaneous by 'systems' optimized to tolerate variability.	B	Vaguely normative e.g. local SES not recognized as being well adapted. Adaptation is about managing (negative) disturbance.	VN
Duit et al. (2010)	<p>p. 364. Not only can the natural world be analyzed as a complex dynamic system. It is also possible to view human-made governance systems consisting of institutions, networks, bureaucracies, and policies as examples of complex systems in which adaptive agents respond to external and internal impulses (cf. Jervis, 1997; Arthur, 1999; Kooiman, 2003; Teisman et al., 2009).</p> <p>p. 364. From field work across the world, the 23 case studies reveal a rich variety of circumstances ranging from environmental emergency migrants, flooding and resettlement suggesting an analytical distinction between rapid- and slow-onset events. She notes that the development community often characterizes migration as a failure of adaptation, rather than as a form of adaptation to environmental and climate change.</p> <p>p. 365. Such thorny normative and conceptual issues notwithstanding, resilience thinking also holds a great deal of potential for renewing the wider governance research agenda. In particular, it invites us to consider fundamental issues of change and stability, adaptation and design, hierarchy and self-organization in the study of multilevel governance systems. Moreover, in addition to “traditional” benchmarks such as</p>	Review CAS as applied to SES, but also discusses problem with spontaneous view and recognise that adaptations are always towards a norm.	Both	Discusses whether migration is a failure of adaptation. Vulnerability resulting from mal-adaptation is part of normative evaluation. But adaptation is also discussed in terms of adaptive agents responding to impulses.	SP

	efficacy, accountability, and equity used when assessing public governance, a resilience perspective on governance would also consider issues of human–environmental interactions, vulnerability resulting from mal-adaptations, and innovation capacity as integral parts of evaluating a given governance system (Nelson et al., 2007).				
Hicks et al. (2009)	No discussion. "adapt*" appear in keywords only	NA	NA	NA	NA

Table A2. Categorisation of all 183 papers.

	Descriptive	Normative	Vaguely normative	Several perspectives
Spontaneous	Berkes, 2010; Bodin, 2009; Bodin, 2005; Bohensky, 2008; Booher, 2010; Carpenter, 2008; Cook et al., 2010; Cumming, 2005; Cundill, 2009; Folke, 2004; Folke et al., 2002; Gunderson et al., 2006; Guzy et al., 2008; Lebel et al., 2006; Levrel, 2008; Liu et al., 2007; Lubchenko, 2010; Mahon et al., 2008; Marschke, 2005; Matthews, 2006; McAllister et al., 2006; McIntyre, 2009; Moen, 2010; Nkhata, 2010; Robards, 2004; Saavedra, 2009; Strickland-Munro et al., 2010; Tyler et al., 2007; Vetter, 2009	Alessa et al., 2008; Anderies et al., 2006; Baral et al., 2010; Barthel et al., 2005; Chapin et al., 2010; Dearing, 2008; Elmqvist et al., 2004; Engle, 2010; Evans, 2008; Fischer et al., 2009; Gonzalez et al., 2008; Grafton, 2010; Hagerman et al., 2010; Hagerman et al., 2010; Holling, 2001; Krasny, 2010; Langridge et al., 2006; Loring, 2007; McFadden et al., 2009; O'Rourke, 2006; Peter et al., 2009; Rammel et al., 2007; Rescia et al., 2010; Sendzimir et al., 2008; Walker et al., 2009; Wang, 2009	Allison, 2004; Andrew et al., 2007; Badjeck et al., 2009; Beratan, 2007; Berkes, 2005; Biggs et al., 2010; Blackmore, 2008; Borgstrom et al., 2006; Brown, 2009; Buchmann, 2009; Bunce et al., 2010; Cowling et al., 2008; Darnhofer et al., 2010; Dawson et al., 2010; Fernandez-Gimenez et al., 2008; Hagerman et al., 2010; Higgins et al., 2010; Jackson et al., 2010; Kalikoski et al., 2010; Krasny, 2009; Lundholm, 2010; Marschke, 2006; Milestad, 2003; Milestad et al., 2010; Moser, 2010; Munoz-Erickson et al., 2007; Plummer, 2010; Schianetz, 2008; Turner et al., 2007; Warner, 2010	Schluter et al., 2009; Zhou et al., 2010
Intentional	Artwell et al. 2010; Ballard, 2010; Berkes, 2006; Brooks et al., 2008; Camargo et al., 2009; Cundill, 2010; Fazey, 2010; Fennell et al., 2008; Goldstein, 2008; Gooch, 2009; Hodge, 2007; Leach, 2008; Lof, 2010; Miller et al., 2008; O'Brien et al., 2009; Plummer, 2009; Robinson, 2009; Serrat-Capdevila et al., 2009; Smith, 2010; Trainor et al., 2009; Tschakert et al., 2008; Young et al., 2006	Abel et al., 2006; Armitage et al., 2009; Berkes, 2007; Bingeman et al., 2004; Birkmann, 2010; Ericksen, 2008; Fabricius et al., 2007; Folke et al., 2005; Galaz, 2005; Hahn et al., 2006; Milman, 2008; Olsson, 2001; Olsson et al., 2004a; Powell et al., 2009; Schultz, 2010; Spies et al., 2010; Walker et al., 2002; Walker et al., 2006	Armitage et al., 2008; Barnett, 2001; Berkes, 2002; Boyd, 2010; Chapin et al., 2006; Fazey et al., 2007; Kofinas et al., 2010; Marshall, 2007; Nelson et al., 2010; Olsson et al., 2004b; Sandstrom, 2010	Adger, 2006; Biermann et al., 2010
Both spontaneous and intentional	Gotts, 2007; Gunderson, 2010; Gupta et al., 2010; Miller et al., 2010; Schluter, 2007; van der Brugge, 2007	Beier et al., 2009; Folke, 2003; Folke et al., 2007; Olsson et al., 2007; Olsson et al., 2006; Rescia et al., 2008; Walker et al., 2004	Janssen et al., 2007; Nelson et al., 2007; Nelson, 2009; Renaud et al., 2010; Tidball et al., 2010; Wardekker et al., 2010; Young, 2010	Duit et al., 2010; Folke, 2006; Gallopin, 2006; Johnson, 2010; Marshall, 2010; Osbahr et al., 2008; Osbahr et al., 2010; Plummer, 2009; Turner, 2010

Table A3. List of all 183 papers for the structured literature review.

Author (AU)	Year (PY)	Title (TI)	Source (SO)	Volume (VL)	Issue (IS)	Page from (BP)	Page to (EP)
Abel, N; Cumming, DHM; Anderies, JM	2006	Collapse and reorganization in social-ecological systems: Questions, some ideas, and policy implications	ECOLOGY AND SOCIETY	11	1		
Adger, WN	2006	Vulnerability	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	16	3	268	281
Alessa, L; Kliskey, A; Busey, R; Hinzman, L; White, D	2008	Freshwater vulnerabilities and resilience on the Seward Peninsula: Integrating multiple dimensions of landscape change	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	18	2	256	270
Allison, HE; Hobbs, RJ	2004	Resilience, adaptive capacity, and the "Lock-in trap" of the Western Australian agricultural region	ECOLOGY AND SOCIETY	9	1		
Anderies, JM; Ryan, P; Walker, BH	2006	Loss of resilience, crisis, and institutional change: Lessons from an intensive agricultural system in southeastern Australia	ECOSYSTEMS	9	6	865	878
Andrew, NL; Bene, C; Hall, SJ; Allison, EH; Heck, S; Ratner, BD	2007	Diagnosis and management of small-scale fisheries in developing countries	FISH AND FISHERIES	8	3	227	240
Armitage, D; Marschke, M; Plummer, R	2008	Adaptive co-management and the paradox of learning	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	18	1	86	98
Armitage, DR; Plummer, R; Berkes, F; Arthur, RI; Charles, AT; Davidson-Hunt, IJ; Diduck, AP; Doubleday, NC; Johnson, DS; Marschke, M; McConney, P; Pinkerton, EW; Wollenberg, EK	2009	Adaptive co-management for social-ecological complexity	FRONTIERS IN ECOLOGY AND THE ENVIRONMENT	7	2	95	102
Asah, ST	2008	Empirical Social-Ecological System Analysis: From Theoretical Framework to Latent Variable Structural Equation Model	ENVIRONMENTAL MANAGEMENT	42	6	1077	1090
Atwell, RC; Schulte, LA; Westphal, LM	2009	Linking Resilience Theory and Diffusion of Innovations Theory to Understand the Potential for Perennials in the US Corn Belt	ECOLOGY AND SOCIETY	14	1		
Atwell, RC; Schulte, LA; Westphal, LM	2010	How to build multifunctional agricultural landscapes in the US Corn Belt: Add perennials and partnerships	LAND USE POLICY	27	4	1082	1090
Badjeck, MC; Mendo, J; Wolff, M; Lange, H	2009	Climate variability and the Peruvian scallop fishery: the role of formal institutions in resilience building	CLIMATIC CHANGE	94	40545	211	232
Ballard, HL; Belsky, JM	2010	Participatory action research and environmental learning: implications for resilient forests and communities	ENVIRONMENTAL EDUCATION RESEARCH	16	40669	611	627
Baral, N; Stern, MJ; Heinen, JT	2010	Growth, Collapse, and Reorganization of the Annapurna Conservation Area, Nepal: an Analysis of Institutional Resilience	ECOLOGY AND SOCIETY	15	3		

Barnett, J	2001	Adapting to climate change in Pacific Island Countries: The problem of uncertainty	WORLD DEVELOPMENT	29	6	977	993
Barthel, S; Colding, J; Elmqvist, T; Folke, C	2005	History and local management of a biodiversity-rich, urban cultural landscape	ECOLOGY AND SOCIETY	10	2		
Beier, CM; Lovcraft, AL; Chapin, FS	2009	Growth and Collapse of a Resource System: an Adaptive Cycle of Change in Public Lands Governance and Forest Management in Alaska	ECOLOGY AND SOCIETY	14	2		
Beier, CM; Patterson, TM; Chapin, FS	2008	Ecosystem services and emergent vulnerability in managed ecosystems: A geospatial decision-support tool	ECOSYSTEMS	11	6	923	938
Beratan, KK	2007	A cognition-based view of decision processes in complex social-ecological systems	ECOLOGY AND SOCIETY	12	1		
Berkes, F	2007	Understanding uncertainty and reducing vulnerability: lessons from resilience thinking	NATURAL HAZARDS	41	2	283	295
Berkes, F	2010	Devolution of environment and resources governance: trends and future	ENVIRONMENTAL CONSERVATION	37	4	489	500
Berkes, F; Jolly, D	2002	Adapting to climate change: Social-ecological resilience in a Canadian Western Arctic community	CONSERVATION ECOLOGY	5	2		
Berkes, F; Seixas, CS	2005	Building resilience in lagoon social-ecological systems: A local-level perspective	ECOSYSTEMS	8	8	967	974
Berkes, F; Turner, NJ	2006	Knowledge, learning and the evolution of conservation practice for social-ecological system resilience	HUMAN ECOLOGY	34	4	479	494
Biermann, F; Betsill, MM; Vieira, SC; Gupta, J; Kanie, N; Lebel, L; Liverman, D; Schroeder, H; Siebenhuner, B; Yanda, PZ; Zondervan, R	2010	Navigating the anthropocene: the Earth System Governance Project strategy paper	CURRENT OPINION IN ENVIRONMENTAL SUSTAINABILITY	2	3	202	208
Biggs, R; Westley, FR; Carpenter, SR	2010	Navigating the Back Loop: Fostering Social Innovation and Transformation in Ecosystem Management	ECOLOGY AND SOCIETY	15	2		
Bingeman, K; Berkes, F; Gardner, JS	2004	Institutional responses to development pressures: Resilience of social-ecological systems in Himachal Pradesh, India	INTERNATIONAL JOURNAL OF SUSTAINABLE DEVELOPMENT AND WORLD ECOLOGY	11	1	99	115
Birkmann, J; von Teichman, K	2010	Integrating disaster risk reduction and climate change adaptation: key challenges-scales, knowledge, and norms	SUSTAINABILITY SCIENCE	5	2	171	184
Blackmore, JM; Plant, RAJ	2008	Risk and resilience to enhance sustainability with application to urban water systems	JOURNAL OF WATER RESOURCES PLANNING AND MANAGEMENT-ASCE	134	3	224	233
Bodin, O; Crona, BI	2009	The role of social networks in natural resource governance: What relational patterns make a difference?	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	19	3	366	374
Bodin, O; Norberg, J	2005	Information network topologies for enhanced local adaptive management	ENVIRONMENTAL MANAGEMENT	35	2	175	193

Bohensky, EL	2008	Discovering Resilient Pathways for South African Water Management: Two Frameworks for a Vision	ECOLOGY AND SOCIETY	13	1		
Booher, DE; Innes, JE	2010	Governance for Resilience: CALFED as a Complex Adaptive Network for Resource Management	ECOLOGY AND SOCIETY	15	3		
Borgstrom, ST; Elmqvist, T; Angelstam, P; Alfsen-Norodom, C	2006	Scale mismatches in management of urban landscapes	ECOLOGY AND SOCIETY	11	2		
Boyd, E; Osbahr, H	2010	Responses to climate change: exploring organisational learning across internationally networked organisations for development	ENVIRONMENTAL EDUCATION RESEARCH	16	40669	629	643
Brooks, S; Reynolds, J; Allison, E	2008	Sustained by Snakes? Seasonal Livelihood Strategies and Resource Conservation by Tonle Sap Fishers in Cambodia	HUMAN ECOLOGY	36	6	835	851
Brown, HCP	2009	Climate change and Ontario forests: Prospects for building institutional adaptive capacity	MITIGATION AND ADAPTATION STRATEGIES FOR GLOBAL CHANGE	14	6	513	536
Buchmann, C	2009	Cuban Home Gardens and Their Role in Social-Ecological Resilience	HUMAN ECOLOGY	37	6	705	721
Bunce, M; Brown, K; Rosendo, S	2010	Policy misfits, climate change and cross-scale vulnerability in coastal Africa: how development projects undermine resilience	ENVIRONMENTAL SCIENCE & POLICY	13	6	485	497
Camargo, C; Maldonado, JH; Alvarado, E; Moreno-Sanchez, R; Mendoza, S; Manrique, N; Mogollon, A; Osorio, JD; Grajales, A; Sanchez, JA	2009	Community involvement in management for maintaining coral reef resilience and biodiversity in southern Caribbean marine protected areas	BIODIVERSITY AND CONSERVATION	18	4	935	956
Carpenter, SR; Brock, WA	2008	Adaptive Capacity and Traps	ECOLOGY AND SOCIETY	13	2		
Chapin, FS; Carpenter, SR; Kofinas, GP; Folke, C; Abel, N; Clark, WC; Olsson, P; Smith, DMS; Walker, B; Young, OR; Berkes, F; Biggs, R; Grove, JM; Naylor, RL; Pinkerton, E; Steffen, W; Swanson, FJ	2010	Ecosystem stewardship: sustainability strategies for a rapidly changing planet	TRENDS IN ECOLOGY & EVOLUTION	25	4	241	249
Chapin, FS; Lovecraft, AL; Zavaleta, ES; Nelson, J; Robards, MD; Kofinas, GP; Trainor, SF; Peterson, GD; Huntington, HP; Naylor, RL	2006	Policy strategies to address sustainability of Alaskan boreal forests in response to a directionally changing climate	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	103	45	16637	16643
Cook, DC; Liu, SG; Murphy, B; Lonsdale, WM	2010	Adaptive Approaches to Biosecurity Governance	RISK ANALYSIS	30	9	1303	1314
Cowling, RM; Egoh, B; Knight, AT; O'Farrell, PJ; Reyers, B; Rouget'I, M; Roux, DJ; Welz, A; Wilhelm-Rechman, A	2008	An operational model for mainstreaming ecosystem services for implementation	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	105	28	9483	9488
Craig, RK	2010	STATIONARITY IS DEAD - LONG LIVE TRANSFORMATION: FIVE PRINCIPLES FOR CLIMATE CHANGE ADAPTATION LAW	HARVARD ENVIRONMENTAL LAW REVIEW	34	1	9	73
Cumming, GS; Collier, J	2005	Change and identity in complex systems	ECOLOGY AND SOCIETY	10	1		
Cundill, G; Fabricius, C	2009	Monitoring in adaptive co-management: Toward a learning based approach	JOURNAL OF ENVIRONMENTAL MANAGEMENT	90	11	3205	3211

Cundill, G; Fabricius, C	2010	Monitoring the Governance Dimension of Natural Resource Co-management	ECOLOGY AND SOCIETY	15	1		
Darnhofer, I; Fairweather, J; Moller, H	2010	Assessing a farm's sustainability: insights from resilience thinking	INTERNATIONAL JOURNAL OF AGRICULTURAL SUSTAINABILITY	8	3	186	198
Dawson, TP; Rounsevell, MDA; Kluvankova-Oravska, T; Chobotova, V; Stirling, A	2010	Dynamic properties of complex adaptive ecosystems: implications for the sustainability of service provision	BIODIVERSITY AND CONSERVATION	19	10	2843	2853
Dearing, JA	2008	Landscape change and resilience theory: a palaeoenvironmental assessment from Yunnan, SW China	HOLOCENE	18	1	117	127
Dikau, R	2006	Complex systems in geomorphology	MITTEILUNGEN DER OSTERREICHISCHEN GEOGRAPHISCHEN GESELLSCHAFT	148		125	150
Duit, A; Galaz, V; Eckerberg, K; Ebbesson, J	2010	Governance, complexity, and resilience Introduction	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	20	3	363	368
Elmqvist, T; Colding, J; Barthel, S; Borgstrom, S; Duit, A; Lundberg, J; Andersson, E; Ahrne, K; Ernstson, H; Folke, C; Bengtsson, J	2004	The dynamics of social-ecological systems in urban landscapes - Stockholm and the National Urban Park, Sweden	URBAN BIOSPHERE AND SOCIETY: PARTNERSHIP OF CITIES	1023		308	322
Engle, NL; Lemos, MC	2010	Unpacking governance: Building adaptive capacity to climate change of river basins in Brazil	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	20	1	4	13
Ericksen, PJ	2008	What Is the Vulnerability of a Food System to Global Environmental Change?	ECOLOGY AND SOCIETY	13	2		
Evans, GR	2008	Transformation from "Carbon Valley" to a "Post-Carbon Society" in a Climate Change Hot Spot: the Coalfields of the Hunter Valley, New South Wales, Australia	ECOLOGY AND SOCIETY	13	1		
Fabricius, C; Folke, C; Cundill, G; Schultz, L	2007	Powerless spectators, coping actors, and adaptive co-managers: a synthesis of the role of communities in ecosystem management	ECOLOGY AND SOCIETY	12	1		
Fazey, I	2010	Resilience and Higher Order Thinking	ECOLOGY AND SOCIETY	15	3		
Fazey, I; Fazey, JA; Fischer, J; Sherren, K; Warren, J; Noss, RF; Dovers, SR	2007	Adaptive capacity and learning to learn as leverage for social-ecological resilience	FRONTIERS IN ECOLOGY AND THE ENVIRONMENT	5	7	375	380
Fennell, D; Plummer, R; Marschke, M	2008	Is adaptive co-management ethical?	JOURNAL OF ENVIRONMENTAL MANAGEMENT	88	1	62	75
Fernandez-Gimenez, ME; Ballard, HL; Sturtevant, VE	2008	Adaptive Management and Social Learning in Collaborative and Community-Based Monitoring: a Study of Five Community-Based Forestry Organizations in the western USA	ECOLOGY AND SOCIETY	13	2		
Fischer, J; Peterson, GD; Gardner, TA; Gordon, LJ; Fazey, I; Elmqvist, T; Felton, A; Folke, C; Dovers, S	2009	Integrating resilience thinking and optimisation for conservation	TRENDS IN ECOLOGY & EVOLUTION	24	10	549	554
Folke, C	2004	Traditional knowledge in social-ecological systems	ECOLOGY AND SOCIETY	9	3		

Folke, C	2003	Freshwater for resilience: a shift in thinking	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF LONDON SERIES B-BIOLOGICAL SCIENCES	358	1440	2027	2036
Folke, C	2006	Resilience: The emergence of a perspective for social-ecological systems analyses	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	16	3	253	267
Folke, C; Carpenter, S; Elmqvist, T; Gunderson, L; Holling, CS; Walker, B	2002	Resilience and sustainable development: Building adaptive capacity in a world of transformations	AMBIO	31	5	437	440
Folke, C; Hahn, T; Olsson, P; Norberg, J	2005	Adaptive governance of social-ecological systems	ANNUAL REVIEW OF ENVIRONMENT AND RESOURCES	30		441	473
Folke, C; Pritchard, L; Berkes, F; Colding, J; Svedin, U	2007	The problem of fit between ecosystems and institutions: Ten years later	ECOLOGY AND SOCIETY	12	1		
Galaz, V	2005	Social-ecological resilience and social conflict: Institutions and strategic adaptation in Swedish water management	AMBIO	34	7	567	572
Gallopín, GC	2006	Linkages between vulnerability, resilience, and adaptive capacity	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	16	3	293	303
Goldstein, BE	2008	Skunkworks in the embers of the Cedar fire: Enhancing resilience in the aftermath of disaster	HUMAN ECOLOGY	36	1	15	28
Gonzalez, JA; Montes, C; Rodriguez, J; Tapia, W	2008	Rethinking the Galapagos Islands as a Complex Social-Ecological System: Implications for Conservation and Management	ECOLOGY AND SOCIETY	13	2		
Gooch, M; Warburton, J	2009	Building and Managing Resilience in Community-Based NRM Groups: An Australian Case Study	SOCIETY & NATURAL RESOURCES	22	2	158	171
Gotts, NM	2007	Resilience, panarchy, and world-systems analysis	ECOLOGY AND SOCIETY	12	1		
Grafton, RQ	2010	Adaptation to climate change in marine capture fisheries	MARINE POLICY	34	3	606	615
Gunderson, L	2010	Ecological and Human Community Resilience in Response to Natural Disasters	ECOLOGY AND SOCIETY	15	2		
Gunderson, LH; Carpenter, SR; Folke, C; Olsson, P; Peterson, G	2006	Water RATs (resilience, adaptability, and transformability) in lake and wetland social-ecological systems	ECOLOGY AND SOCIETY	11	1		
Gupta, J; Termeer, C; Klostermann, J; Meijerink, S; van den Brink, M; Jong, P; Nooteboom, S; Bergsma, E	2010	The Adaptive Capacity Wheel: a method to assess the inherent characteristics of institutions to enable the adaptive capacity of society	ENVIRONMENTAL SCIENCE & POLICY	13	6	459	471
Guzy, MR; Smith, CL; Bolte, JP; Hulse, DW; Gregory, SV	2008	Policy Research Using Agent-Based Modeling to Assess Future Impacts of Urban Expansion into Farmlands and Forests	ECOLOGY AND SOCIETY	13	1		
Hagerman, S; Dowlatabadi, H; Chan, KMA; Satterfield, T	2010	Integrative propositions for adapting conservation policy to the impacts of climate change	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	20	2	351	362

Hagerman, S; Dowlatabadi, H; Satterfield, T; McDaniels, T	2010	Expert views on biodiversity conservation in an era of climate change	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	20	1	192	207
Hagerman, SM; Dowlatabadi, H; Satterfield, T	2010	Observations on Drivers and Dynamics of Environmental Policy Change: Insights from 150 Years of Forest Management in British Columbia	ECOLOGY AND SOCIETY	15	1		
Hahn, T; Olsson, P; Folke, C; Johansson, K	2006	Trust-building, knowledge generation and organizational innovations: The role of a bridging organization for adaptive comanagement of a wetland landscape around Kristianstad, Sweden	HUMAN ECOLOGY	34	4	573	592
Hicks, CC; McClanahan, TR; Cinner, JE; Hills, JM	2009	Trade-Offs in Values Assigned to Ecological Goods and Services Associated with Different Coral Reef Management Strategies	ECOLOGY AND SOCIETY	14	1		
Higgins, AJ; Miller, CJ; Archer, AA; Ton, T; Fletcher, CS; McAllister, RRJ	2010	Challenges of operations research practice in agricultural value chains	JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY	61	6	964	973
Hodge, I	2007	The governance of rural land in a liberalised world	JOURNAL OF AGRICULTURAL ECONOMICS	58	3	409	432
Holling, CS	2001	Understanding the complexity of economic, ecological, and social systems	ECOSYSTEMS	4	5	390	405
Jackson, L; van Noordwijk, M; Bengtsson, J; Foster, W; Lipper, L; Pulleman, M; Said, M; Snaddon, J; Vodouhe, R	2010	Biodiversity and agricultural sustainability: from assessment to adaptive management	CURRENT OPINION IN ENVIRONMENTAL SUSTAINABILITY	2	40545	80	87
Janssen, MA; Anderies, JM; Ostrom, E	2007	Robustness of social-ecological systems to spatial and temporal variability	SOCIETY & NATURAL RESOURCES	20	4	307	322
Johnson, DS	2010	Institutional adaptation as a governability problem in fisheries: patron-client relations in the Junagadh fishery, India	FISH AND FISHERIES	11	3	264	277
Kalikoski, DC; Neto, PQ; Almudi, T	2010	Building adaptive capacity to climate variability: The case of artisanal fisheries in the estuary of the Patos Lagoon, Brazil	MARINE POLICY	34	4	742	751
Kofinas, GP; Chapin, FS; BurnSilver, S; Schmidt, JI; Fresco, NL; Kielland, K; Martin, S; Springsteen, A; Rupp, TS	2010	Resilience of Athabaskan subsistence systems to interior Alaska's changing climate	CANADIAN JOURNAL OF FOREST RESEARCH-REVUE CANADIENNE DE RECHERCHE FORESTIERE	40	7	1347	1359
Krasny, ME; Lundholm, C; Plummer, R	2010	Environmental education, resilience, and learning: reflection and moving forward	ENVIRONMENTAL EDUCATION RESEARCH	16	40669	665	672
Krasny, ME; Roth, WM	2010	Environmental education for social-ecological system resilience: a perspective from activity theory	ENVIRONMENTAL EDUCATION RESEARCH	16	40669	545	558
Krasny, ME; Tidball, KG	2009	Applying a resilience systems framework to urban environmental education	ENVIRONMENTAL EDUCATION RESEARCH	15	4	465	482
Krasny, ME; Tidball, KG; Sriskandarajah, N	2009	Education and Resilience: Social and Situated Learning among University and Secondary Students	ECOLOGY AND SOCIETY	14	2		

Langridge, R; Christian-Smith, J; Lohse, KA	2006	Access and resilience: Analyzing the construction of social resilience to the threat of water scarcity	ECOLOGY AND SOCIETY	11	2		
Leach, M	2008	Pathways to Sustainability in the forest? Misunderstood dynamics and the negotiation of knowledge, power, and policy	ENVIRONMENT AND PLANNING A	40	8	1783	1795
Leach, M; Scoones, I; Stirling, A	2010	Governing epidemics in an age of complexity: Narratives, politics and pathways to sustainability	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	20	3	369	377
Lebel, L; Anderies, JM; Campbell, B; Folke, C; Hatfield-Dodds, S; Hughes, TP; Wilson, J	2006	Governance and the capacity to manage resilience in regional social-ecological systems	ECOLOGY AND SOCIETY	11	1		
Levrel, H; Bouamrane, M	2008	Instrumental Learning and Sustainability Indicators: Outputs from Co-Construction Experiments in West African Biosphere Reserves	ECOLOGY AND SOCIETY	13	1		
Liu, JG; Dietz, T; Carpenter, SR; Folke, C; Alberti, M; Redman, CL; Schneider, SH; Ostrom, E; Pell, AN; Lubchenco, J; Taylor, WW; Ouyang, ZY; Deadman, P; Kratz, T; Provencher, W	2007	Coupled human and natural systems	AMBIO	36	8	639	649
Lof, A	2010	Exploring adaptability through learning layers and learning loops	ENVIRONMENTAL EDUCATION RESEARCH	16	40669	529	543
Loring, PA	2007	The most resilient show on earth: The circus as a model for viewing identity, change, and chaos	ECOLOGY AND SOCIETY	12	1		
Lubchenco, J; Petes, LE	2010	The Interconnected Biosphere: Science at the Ocean's Tipping Points	OCEANOGRAPHY	23	2	115	129
Lundholm, C; Plummer, R	2010	Resilience and learning: a conspectus for environmental education	ENVIRONMENTAL EDUCATION RESEARCH	16	40669	475	491
MacMynowski, DP	2007	Across space and time: Social responses to large-scale biophysical systems	ENVIRONMENTAL MANAGEMENT	39	6	831	842
Mahon, R; McConney, P; Roy, RN	2008	Governing fisheries as complex adaptive systems	MARINE POLICY	32	1	104	112
Marschke, M; Berkes, F	2005	Local level sustainability planning for livelihoods: A Cambodian experience	INTERNATIONAL JOURNAL OF SUSTAINABLE DEVELOPMENT AND WORLD ECOLOGY	12	1	21	33
Marschke, MJ; Berkes, F	2006	Exploring strategies that build livelihood resilience: a case from Cambodia	ECOLOGY AND SOCIETY	11	1		
Marshall, GR; Smith, DMS	2010	Natural resources governance for the drylands of the Murray-Darling Basin	RANGELAND JOURNAL	32	3	267	282
Marshall, NA; Marshall, PA	2007	Conceptualizing and operationalizing social resilience within commercial fisheries in northern Australia	ECOLOGY AND SOCIETY	12	1		
Matthews, R; Selman, P	2006	Landscape as a focus for integrating human and environmental processes	JOURNAL OF AGRICULTURAL ECONOMICS	57	2	199	212
McAllister, RRJ; Abel, N; Stokes, CJ; Gordon, IJ	2006	Australian pastoralists in time and space: The evolution of a complex adaptive system	ECOLOGY AND SOCIETY	11	2		
McFadden, L; Penning-Rowsell, E; Tapsell, S	2009	Strategic coastal flood-risk management in practice: Actors' perspectives on the integration of flood risk management in London and the Thames Estuary	OCEAN & COASTAL MANAGEMENT	52	12	636	645

McIntyre, N	2009	Rethinking Amenity Migration: Integrating Mobility, Lifestyle and Social-Ecological Systems	ERDE	140	3	229	250
Milestad, R; Darnhofer, I	2003	Building farm resilience: The prospects and challenges of organic farming	JOURNAL OF SUSTAINABLE AGRICULTURE	22	3	81	97
Milestad, R; Westberg, L; Geber, U; Bjorklund, J	2010	Enhancing Adaptive Capacity in Food Systems: Learning at Farmers' Markets in Sweden	ECOLOGY AND SOCIETY	15	3		
Miller, F; Osbahr, H; Boyd, E; Thomalla, F; Bharwani, S; Ziervogel, G; Walker, B; Birkmann, J; van der Leeuw, S; Rockstrom, J; Hinkel, J; Downing, T; Folke, C; Nelson, D	2010	Resilience and Vulnerability: Complementary or Conflicting Concepts?	ECOLOGY AND SOCIETY	15	3		
Miller, TR; Baird, TD; Littlefield, CM; Kofinas, G; Chapin, FS; Redman, CL	2008	Epistemological Pluralism: Reorganizing Interdisciplinary Research	ECOLOGY AND SOCIETY	13	2		
Milman, A; Short, A	2008	Incorporating resilience into sustainability indicators: An example for the urban water sector	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	18	4	758	767
Moen, J; Keskitalo, ECH	2010	Interlocking panarchies in multi-use boreal forests in Sweden	ECOLOGY AND SOCIETY	15	3		
Moser, SC	2010	Now more than ever: The need for more societally relevant research on vulnerability and adaptation to climate change	APPLIED GEOGRAPHY	30	4	464	474
Munoz-Erickson, TA; Aguilar-Gonzalez, B; Sisk, TD	2007	Linking ecosystem health indicators and collaborative management: a systematic framework to evaluate ecological and social outcomes	ECOLOGY AND SOCIETY	12	2		
Nelson, DR; Adger, WN; Brown, K	2007	Adaptation to environmental change: Contributions of a resilience framework	ANNUAL REVIEW OF ENVIRONMENT AND RESOURCES	32		395	419
Nelson, DR; Finan, TJ	2009	Praying for Drought: Persistent Vulnerability and the Politics of Patronage in Ceara, Northeast Brazil	AMERICAN ANTHROPOLOGIST	111	3	302	316
Nelson, R; Kovic, P; Crimp, S; Meinke, H; Howden, SM	2010	The vulnerability of Australian rural communities to climate variability and change: Part I-Conceptualising and measuring vulnerability	ENVIRONMENTAL SCIENCE & POLICY	13	1	8	17
Nkhata, BA; Breen, C	2010	A Framework for Exploring Integrated Learning Systems for the Governance and Management of Public Protected Areas	ENVIRONMENTAL MANAGEMENT	45	2	403	413
Nkhata, BA; Breen, CM	2010	Performance of community-based natural resource governance for the Kafue Flats (Zambia)	ENVIRONMENTAL CONSERVATION	37	3	296	302
O'Brien, K; Hayward, B; Berkes, F	2009	Rethinking Social Contracts: Building Resilience in a Changing Climate	ECOLOGY AND SOCIETY	14	2		
Olsson, P; Folke, C	2001	Local ecological knowledge and institutional dynamics for ecosystem management: A study of Lake Racken Watershed, Sweden	ECOSYSTEMS	4	2	85	104
Olsson, P; Folke, C; Berkes, F	2004a	Adaptive comanagement for building resilience in social-ecological systems	ENVIRONMENTAL MANAGEMENT	34	1	75	90
Olsson, P; Folke, C; Galaz, V; Hahn, T; Schultz, L	2007	Enhancing the fit through adaptive co-management: Creating and maintaining bridging functions for matching scales in the Kristianstads Vattenrike Biosphere Reserve, Sweden	ECOLOGY AND SOCIETY	12	1		
Olsson, P; Folke, C; Hahn, T	2004b	Social-ecological transformation for ecosystem management: the development of adaptive co-management of a wetland landscape in southern Sweden	ECOLOGY AND SOCIETY	9	4		

Olsson, P; Gunderson, LH; Carpenter, SR; Ryan, P; Lebel, L; Folke, C; Holling, CS	2006	Shooting the rapids: Navigating transitions to adaptive governance of social-ecological systems	ECOLOGY AND SOCIETY	11	1		
O'Rourke, E	2006	Biodiversity and land use change on the Causse Mejan, France	BIODIVERSITY AND CONSERVATION	15	8	2611	2626
Osbah, H; Twyman, C; Adger, WN; Thomas, DSG	2008	Effective livelihood adaptation to climate change disturbance: Scale dimensions of practice in Mozambique	GEOFORUM	39	6	1951	1964
Osbah, H; Twyman, C; Adger, WN; Thomas, DSG	2010	Evaluating Successful Livelihood Adaptation to Climate Variability and Change in Southern Africa	ECOLOGY AND SOCIETY	15	2		
Peter, C; de Lange, W; Musango, JK; April, K; Potgieter, A	2009	Applying Bayesian modelling to assess climate change effects on biofuel production	CLIMATE RESEARCH	40	40577	249	260
Plummer, R	2009	The Adaptive Co-Management Process: an Initial Synthesis of Representative Models and Influential Variables	ECOLOGY AND SOCIETY	14	2		
Plummer, R	2010	Social-ecological resilience and environmental education: synopsis, application, implications	ENVIRONMENTAL EDUCATION RESEARCH	16	40669	493	509
Plummer, R; Fennell, DA	2009	Managing protected areas for sustainable tourism: prospects for adaptive co-management	JOURNAL OF SUSTAINABLE TOURISM	17	2	149	168
Powell, RB; Cuschnir, A; Peiris, P	2009	Overcoming Governance and Institutional Barriers to Integrated Coastal Zone, Marine Protected Area, and Tourism Management in Sri Lanka	COASTAL MANAGEMENT	37	6	633	655
Rammel, C; Stagl, S; Wilfing, H	2007	Managing complex adaptive systems - A co-evolutionary perspective on natural resource management	ECOLOGICAL ECONOMICS	63	1	9	21
Renaud, FG; Birkmann, J; Damm, M; Gallopin, GC	2010	Understanding multiple thresholds of coupled social-ecological systems exposed to natural hazards as external shocks	NATURAL HAZARDS	55	3	749	763
Rescia, AJ; Pons, A; Lomba, I; Esteban, C; Dover, JW	2008	Reformulating the social-ecological system in a cultural rural mountain landscape in the Picos de Europa region (northern Spain)	LANDSCAPE AND URBAN PLANNING	88	1	23	33
Rescia, AJ; Willaarts, BA; Schmitz, MF; Aguilera, PA	2010	Changes in land uses and management in two Nature Reserves in Spain: Evaluating the social-ecological resilience of cultural landscapes	LANDSCAPE AND URBAN PLANNING	98	1	26	35
Robards, M; Alessa, L	2004	Timescapes of community resilience and vulnerability in the circumpolar north	ARCTIC	57	4	415	427
Robinson, LW	2009	A Complex-Systems Approach to Pastoral Commons	HUMAN ECOLOGY	37	4	441	451
Romieu, E; Welle, T; Schneiderbauer, S; Pelling, M; Vinchon, C	2010	Vulnerability assessment within climate change and natural hazard contexts: revealing gaps and synergies through coastal applications	SUSTAINABILITY SCIENCE	5	2	159	170
Saavedra, C; Budd, WW	2009	Climate change and environmental planning: Working to build community resilience and adaptive capacity in Washington State, USA	HABITAT INTERNATIONAL	33	3	246	252
Sandstrom, A; Rova, C	2010	Adaptive Co-management Networks: a Comparative Analysis of Two Fishery Conservation Areas in Sweden	ECOLOGY AND SOCIETY	15	3		
Schianetz, K; Kavanagh, L	2008	Sustainability Indicators for Tourism Destinations: A Complex Adaptive Systems Approach Using Systemic Indicator Systems	JOURNAL OF SUSTAINABLE TOURISM	16	6	601	628
Schluter, M; Leslie, H; Levin, S	2009	Managing water-use trade-offs in a semi-arid river delta to sustain multiple ecosystem services: a modeling approach	ECOLOGICAL RESEARCH	24	3	491	503
Schluter, M; Pahl-Wostl, C	2007	Mechanisms of resilience in common-pool resource management systems: an agent-based model of water use in a river basin	ECOLOGY AND SOCIETY	12	2		

Schultz, L; Lundholm, C	2010	Learning for resilience? Exploring learning opportunities in biosphere reserves	ENVIRONMENTAL EDUCATION RESEARCH	16	40669	645	663
Sendzimir, J; Magnuszewski, P; Flachner, Z; Balogh, P; Molnar, G; Sarvari, A; Nagy, Z	2008	Assessing the Resilience of a River Management Regime: Informal Learning in a Shadow Network in the Tisza River Basin	ECOLOGY AND SOCIETY	13	1		
Serrat-Capdevila, A; Browning-Aiken, A; Lansey, K; Finan, T; Valdes, JB	2009	Increasing Social-Ecological Resilience by Placing Science at the Decision Table: the Role of the San Pedro Basin (Arizona) Decision-Support System Model	ECOLOGY AND SOCIETY	14	1		
Smith, A; Stirling, A	2010	The Politics of Social-ecological Resilience and Sustainable Socio-technical Transitions	ECOLOGY AND SOCIETY	15	1		
Spies, TA; Giesen, TW; Swanson, FJ; Franklin, JF; Lach, D; Johnson, KN	2010	Climate change adaptation strategies for federal forests of the Pacific Northwest, USA: ecological, policy, and socio-economic perspectives	LANDSCAPE ECOLOGY	25	8	1185	1199
Steinberg, PF	2009	Institutional Resilience Amid Political Change: The Case of Biodiversity Conservation	GLOBAL ENVIRONMENTAL POLITICS	9	3	61	+
Strickland-Munro, JK; Allison, HE; Moore, SA	2010	USING RESILIENCE CONCEPTS TO INVESTIGATE THE IMPACTS OF PROTECTED AREA TOURISM ON COMMUNITIES	ANNALS OF TOURISM RESEARCH	37	2	499	519
Tidball, KG; Krasny, ME; Svendsen, E; Campbell, L; Helphand, K	2010	Stewardship, learning, and memory in disaster resilience	ENVIRONMENTAL EDUCATION RESEARCH	16	40669	591	609
Trainor, SF; Calef, M; Natcher, D; Chapin, FS; McGuire, AD; Huntington, O; Duffy, P; Rupp, TS; DeWilde, L; Kwart, M; Fresco, N; Lovecraft, AL	2009	Vulnerability and adaptation to climate-related fire impacts in rural and urban interior Alaska	POLAR RESEARCH	28	1	100	118
Tschakert, P; Huber-Sannwald, E; Ojima, DS; Raupach, MR; Schienke, E	2008	Holistic, adaptive management of the terrestrial carbon cycle at local and regional scales	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	18	1	128	141
Turner, BL	2010	Vulnerability and resilience: Coalescing or paralleling approaches for sustainability science?	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	20	4	570	576
Turner, RA; Cakacaka, A; Graham, NAJ; Polunin, NVC; Pratchett, MS; Stead, SM; Wilson, SK	2007	Declining reliance on marine resources in remote South Pacific societies: ecological versus socio-economic drivers	CORAL REEFS	26	4	997	1008
Tyler, NJC; Turi, JM; Sundset, MA; Bull, KS; Sara, MN; Reinert, E; Oskal, N; Nellemann, C; McCarthy, JJ; Mathiesen, SD; Martello, ML; Magga, OH; Hovelsrud, GK; Hanssen-Bauer, I; Eira, NI; Eira, IMG; Corell, RW	2007	Saami reindeer pastoralism under climate change: Applying a generalized framework for vulnerability studies to a sub-arctic social-ecological system	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	17	2	191	206
Walker, B; Carpenter, S; Anderies, J; Abel, N; Cumming, G; Janssen, M; Lebel, L; Norberg, J; Peterson, GD; Pritchard, R	2002	Resilience management in social-ecological systems: a working hypothesis for a participatory approach	CONSERVATION ECOLOGY	6	1		
Walker, B; Gunderson, L; Kinzig, A; Folke, C; Carpenter, S; Schultz, L	2006	A handful of heuristics and some propositions for understanding resilience in social-ecological systems	ECOLOGY AND SOCIETY	11	1		
Walker, B; Hollin, CS; Carpenter, SR; Kinzig, A	2004	Resilience, adaptability and transformability in social-ecological systems	ECOLOGY AND SOCIETY	9	2		
Walker, BH; Abel, N; Anderies, JM; Ryan, P	2009	Resilience, Adaptability, and Transformability in the Goulburn-Broken Catchment, Australia	ECOLOGY AND SOCIETY	14	1		

van der Brugge, R; van Raak, R	2007	Facing the adaptive management challenge: Insights from transition management	ECOLOGY AND SOCIETY	12	2		
Wang, CH; Blackmore, JM	2009	Resilience Concepts for Water Resource Systems	JOURNAL OF WATER RESOURCES PLANNING AND MANAGEMENT-ASCE	135	6	528	536
Wardekker, JA; de Jong, A; Knoop, JM; van der Sluijs, JP	2010	Operationalising a resilience approach to adapting an urban delta to uncertain climate changes	TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE	77	6	987	998
Warner, K	2010	Global environmental change and migration: Governance challenges	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	20	3	402	413
Vetter, S	2009	Drought, change and resilience in South Africa's arid and semi-arid rangelands	SOUTH AFRICAN JOURNAL OF SCIENCE	105	40545	29	33
Yang, LH; Wu, JG	2009	Scholar-participated governance as an alternative solution to the problem of collective action in social-ecological systems	ECOLOGICAL ECONOMICS	68	40764	2412	2425
Young, OR	2010	Institutional dynamics: Resilience, vulnerability and adaptation in environmental and resource regimes	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	20	3	378	385
Young, OR; Berkhout, F; Gallopin, GC; Janssen, MA; Ostrom, E; Leeuw, SVD	2006	The globalization of socio-ecological systems: An agenda for scientific research	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS	16	3	304	316
Zhou, HJ; Wang, JA; Wan, JH; Jia, HC	2010	Resilience to natural hazards: a geographic perspective	NATURAL HAZARDS	53	1	21	41