

Table S1. Characteristics of the selected studies.

[illegible]

assessment from Yunnan, SW China. <i>The Holocene</i> 2008, 18, 117–127. [58]															
Forbes, B. C.; Stammer, F.; Kumpula, T.; Meschtyb, N.; Pajunen, A.; Kaarlejärvi, E. High resilience in the Yamal-Nenets social–ecological system, West Siberian Arctic, Russia. <i>PNAS</i> 2009, 106, 22041–22048. [59]	Russia	Fall of the Sovietic Union, pasture degradation by industry, Climate Change, influx of industrial labor migrants,	X		X	X		X	X			X			
Walker, B.; Abel, N.; Anderies, J.; Ryan, P. Resilience, Adaptability, and Transformability in the Goulburn-Broken Catchment, Australia. <i>Ecology and Society</i> 2009, 14, 12. [54]	Australia	Price shocks, climate shocks, diseases, changes in markets	X	X	X	X	X	X	X		X	X	X		X
Bueno, N.; Basurto, X. Resilience and collapse of artisanal fisheries: A system dynamics analysis of a shellfish fishery in the Gulf of California, Mexico. <i>Sustainability Science</i> 2009, 4, 139–149. [52]	Mexico	Boats with very severe shock scenario, environmental shocks,	X		X	X		X	X	X			X		
Resilience Alliance. Assessing resilience in social-ecological systems: Workbook for Practitioners. 2010. [12]		General	X	X		X	X	X		X		X		X	
Baral N.; M. Stern. Capital stocks and organizational resilience in the Annapurna Conservation Area, Nepal. <i>Society & Natural Resources</i> , 2011, 24, 1011–1026. [71]	Nepal	Maoist insurgency	X	X	X	X	X	X					X		X
Uy, N.; Takeuchi, Y.; Shaw, R. Local adaptation for livelihood resilience in Albay, Philippines. <i>Environmental Hazards</i> 2011, 10, 139–153. [61]	Philippines	Climate Change	X	X	X	X	X	X	X			X		X	X
Schwarz, A. M.; Bene, C.; Bennett, G.; Boso, D.; Hilly, Z.; Paul, C.; ... Andrew, N. Vulnerability and resilience of remote rural communities to shocks and global changes: Empirical analysis from Solomon Islands. <i>Global Environmental Change</i> 2011, 21, 13. [33]	Solomon Islands	Earthquake, tsunami, ethnic conflict,	X	X	X	X		X	X	X	X		X	X	X
Cabell, J. F.; M. Oelofse. An indicator framework for assessing agroecosystem resilience. <i>Ecology and Society</i> 2012, 17, 18. [64]		General	X	X	X	X			X		X	X		X	X

Wang, S. H.; Huang, S. L.; Budd, W. W. Resilience analysis of the interaction of between typhoons and land use change. <i>Landscape and Urban Planning</i> 2012, 106, 303–310. [30]	Taiwan	Typhoons	X					X							
Eakin, H.; Benessaiah, K.; Barrera, J. F.; Cruz-Bello, G. M.; Morales, H. Livelihoods and landscapes at the threshold of change: Disaster and resilience in a Chiapas coffee community. <i>Regional Environmental Change</i> 2012, 12, 475–488. [28]	México	Hurricane	X	X	X	X	X			X	X	X			
Tyler, S.; Moench, M.; A framework for urban climate resilience. <i>Climate and Development</i> 2012 4, 311–326. [18]	India, Indonesia, Thailand, Vietnam	Climate Change	X			X	X		X			X	X	X	X
Eklom, A. Livelihood security, vulnerability and resilience: A historical analysis of Chibuene, Southern Mozambique. <i>Ambio</i> 2012, 41, 479–489. [65]	Mozambique	Drought, rinderpest, biodiversity loss, trade in slaves, ivory trade	X	X	X				X	X		X	X	X	X
Hossain-Khan M. Effects of change in land-use and natural disasters on social-ecological resilience and vulnerabilities in coastal Bangladesh. Master Thesis, Noruega:NORAGRIC, 2012. [72]	Bangladesh	Cyclones, tidal floods		X	X			X	X	X					
Altieri, M. A.; Nicholls, C. I. Agroecología y resiliencia al cambio climático: Principios y consideraciones metodológicas. <i>Agroecología</i> 2013, 8, 7–20. [29]	Brazil, Chile, Colombia, Cuba, Mexico, Peru	Climate Change			X	X	X	X	X			X	X		
Córdoba-Vargas C.; T. León-Sicard. Resiliencia de sistemas agrícolas ecológicos y convencionales frente a la variabilidad climática en Anolaima (Cundinamarca-Colombia). <i>Agroecología</i> 2013, 8, 21–32. [73]	Colombia	Climate Change	X	X	X	X	X					X	X	X	X
Montalba, R.; García, M.; Altieri, M.; Fonseca, F.; Vieli, L. Utilización del Índice Holístico de Riesgo (IHR) como medida de resiliencia socioecológica a condiciones de escasez de recursos hídricos. Aplicación en comunidades campesinas e indígenas de la Araucanía, Chile. <i>Agroecología</i> 2013, 8, 63–70. [35]	Chile	Drought				X			X	X			X	X	

Davidson, J. L.; van Putten, I. E.; Leith, P.; Nursey-Bray, M.; Madin, E. M.; Neil, J.; 2013. Toward Operationalizing Resilience Concepts in Australian Marine Sectors Coping with Climate Change. <i>Ecology and Society</i> 2013, 18, 4. [19]	Australia	Climate Change	X	X	X	X		X			X	X		X	X		X
Wilson, S., Pearson, L., Kashima, Y., Lusher, D. & Pearson, C. (2013). Separating Adaptive Maintenance (Resilience) and Transformative Capacity of Social-Ecological Systems. <i>Ecology and Society</i> , 18, 22. [74]	Australia	Climate Change, diminish natural resources, diminish terms of trade, aging population	X			X	X		X				X				
Cardoso M.B.; A. H. Ladio; M. Lozada. Fuelwood consumption patterns and resilience in two rural communities of the northwest Patagonia steppe, Argentina. <i>Journal of Arid Environment</i> , 2013, 98, 146–115. [75]	Argentina	Dry and cold environment	X	X				X	X	X	X						
Henao-Salazar A. Propuesta metodológica de medición de la resiliencia agroecológica en sistemas socio-ecológicos: un estudio de caso en los Andes Colombianos. <i>Agroecología</i> , 2013 8, 85–91. [76]	Colombia	Heavy rain			X			X	X	X	X	X					
Bergamini, N.; Dunbar, W.; Eyzaguirre, P.; Ichikawa, K.; Matsumoto, I.; Mijatovic, D.; Y.,... R. Vernooy. <i>Toolkit for the Indicators of Resilience in Socio-ecological Production Landscapes and Seascapes</i> . 2014. [37]	Namibia, Fiji, Kenya, Turkey	General	X					X		X	X	X		X	X		
Ifejika-Speranza, C.; Wiesmann, U.; Rist, Stephen. An indicator framework for assessing livelihoods resilience in the context of social-ecological dynamics. <i>Global Environmental Change</i> , 2014, 28, 109–119. [31]		Climate Change	X	X	X	X		X			X			X		X	X
Tittonell, P. Livelihood strategies, resilience and transformability in African agroecosystems. <i>Agricultural systems</i> , 2014, 126, 3–14. [77]	Kenya	Drought, face cost of funerals, resource contraction, long lasting health problems			X	X		X		X		X					
Quaranta, G.; Salvia, R. An Index to measure rural diversity in the light of rural	Italy	Socio-economic change (economic boom,	X	X	X		X		X	X	X			X			

resilience and rural development debate. <i>European Countryside</i> 2014, 2, 161–178. [38]		industrialization, mass out migration, intensive farming practice)															
Nemec, K.; Chan, J.; Hoffman, C.; Spanbauer, T.; Hamm, J.; Allen, C.; Hefley, T.; Pan, D.; Shrestha, D. Assessing Resilience in Stressed Watersheds. <i>Ecology and Society</i> 2014, 19, 34. [42]	United States of America	Two large-scale projects, the construction of a major dam and the implementation of an ecosystem recovery program	X								X	X	X		X	X	X
IUCN. <i>A Guiding Toolkit for Increasing Climate Change Resilience</i> . 2014. [34]	Morocco	Climate Change	X	X	X	X	X	X	X	X	X	X			X		X
DasGupta, R.; Shaw, R. An indicator based approach to assess coastal communities' resilience against climate related disasters in Indian Sundarbans. <i>Journal of Coastal Conservation</i> 2015, 19, 85–101. [39]	India	Tropical cyclones, tropical monsoons	X	X	X	X	X	X	X	X	X	X	X		X		
Merritt W.; Patch, B.; Reddy, R.; Syme, G. Modeling livelihoods and households resilience to droughts using Bayesian networks. <i>Environmental Development and Sustainability</i> 2016, 18, 315–346. [60]	India	Drought	X	X	X	X	X		X			X					
O'Connell, D.; Walker, B.; Abel, N.; Grigg, N. <i>The Resilience, Adaptation and Transformation Assessment Framework: from theory to application</i> . 2015. [21]	Thailand, Nigeria	Crop diseases and pests, Climate Change, markets, population change, land degradation	X	X	X	X	X		X	X	X	X	X	X	X		X
Moshy, V.; I. Bryceson; R. Mwaipopo. Social-ecological Changes, Livelihoods and Resilience Among Fishing Communities in Mafia Island Marine Park, Tanzania. <i>Forum for Development Studies</i> 2015 42, 529–553. [78]	Tanzania	Marine protected area		X	X			X		X							
Blythe, J. L. Resilience and social thresholds in small-scale fishing communities. <i>Sustainability Science</i> 2014, 10, 157–165. [36]	Mozambique	Decline in catch rate			X	X			X	X	X	X	X				
Salvia, R.; Quaranta, G. Adaptive Cycle as a Tool to Select Resilient Patterns of Rural Development. <i>Sustainability</i> 2015, 7, 11114–11138. [16]	Italy	Price volatility, Climate Change, land degradation,	X	X	X	X	X			X	X	X		X			X

			intensification processes in agricultural systems											
Polanco-Echeverry, D.; L. Álvarez-Salas; L. Ríos-Ororio. Proposed Methodology for Research Into the Socioecological Resilience of Agroecosystems. <i>Tropical and Subtropical Agroecosystems</i> , 2015, 18, 207–219. [79]	Colombia	General	X	X	X		X	X	X	X	X			
Sok S.; Yu, X. Adaptation, resilience and sustainable livelihoods in the communities of the Lower Mekong Basin, Cambodia. <i>International Journal of Water Resources Development</i> 2015, 31, 575–588. [48]	Camboya	Flood, drought, high food prices	X	X	X		X	X	X				X	
Santos-Prado, D.; Seixas, C. S.; Berkes, F. Looking back and looking forward: Exploring livelihood change and resilience building in a Brazilian coastal community. <i>Ocean & Coastal Management</i> 2015, 113, 29–37. [49]	Brazil	Closure of Ilha Grande's prison, national incentive program for large-scale fishing, treats of community relocation and lawsuit		X	X		X		X	X	X			
Kotzee, I.; Reyers, B. Piloting a social-ecological index for measuring flood resilience: A composite index approach. <i>Ecological Indicators</i> 2016, 60, 45–53. [62]	South Africa	Floods	X	X	X	X	X	X			X	X		X
Saxena, A.; Guneralp, B.; Bailis, R.; Yohe, G.; Oliver, C. Evaluating the resilience of forest dependent communities in Central India by combining the sustainable livelihoods framework and the cross scale resilience analysis. <i>Current Science</i> 2016, 110, 1195–1207. [57]	India	Shift in weather patterns, implementation of national park guidelines, change in political capital	X	X	X	X		X	X	X		X		
Suárez, M.; Gómez-Baggethun, E.; Benayas, J.; Tilbury, D. Towards an Urban Resilience Index: A Case Study in 50 Spanish Cities. <i>Sustainability</i> 2016, 8, 1–19. [63]	Spain	Environmental extremes: hurricanes or heat waves, technological failures, water shortages, depletion of essential resources for the supply of cities	X	X	X				X		X		X	
Zhang C.; Y. Li; X. Zhu. A Social-Ecological Resilience Assessment and Governance	China	Urbanization	X	X	X	X	X	X	X	X				X

Guide for Urbanization Processes in East China. <i>Sustainability</i> 2016, 8, 1–18. [80]													
Linständer A.; A. Kuhn; C. Naumann; S. Rasch; A. Sandhage-Hogmann; W. Amelung; J. Jordaan; B. Du Preez; M. Bolling M. Assessing the resilience of real-world social-ecological system: lessons from a multidisciplinary evaluation of South African pastoral system. <i>Ecology and Society</i> 2016, 21, 35. [81]	South Africa	Drought	X	X			X	X	X		X	X	
Cetinkaya Ciftcioglu G. Assessment of resilience of social-ecological production landscapes and seascapes: A case study from Lefke Region of North Cyprus. <i>Ecological Indicators</i> 2016, 73, 128–138 [82]	Cyprus	Drought, urbanization, land abandonment	X	X	X	X		X	X	X	X	X	
Rasch S.; Heckeleei, T.; Storm, H.; Oomen, R.; Naumann, C. Multi-scale resilience of communal rangeland system in South Africa. <i>Ecological Economics</i> 2017, 131, 129–138. [56]	South Africa	Drought, change in livestock ownership, policy intervention with the aim of poverty reduction	X	X	X		X	X	X				X
Tenza A., Pérez I; J. Martínez-Fernández; A. Giménez. Understanding the decline and resilience loss of a long-lived social-ecological system: insights from system dynamics. <i>Ecology and Society</i> 2017, 22, 15. [83]	Mexico	Drought, hurricane	X	X	X	X	X	X	X				X
Kim, M.; You, S.; Chon, J.; Lee, J. Sustainable Land-Use Planning to Improve the Coastal Resilience of Social-Ecological Landscape. <i>Sustainability</i> 2017, 9, 1–21. [55]	South Korea	Extremely high wind stress		X			X	X	X	X		X	X

Soc: social variables, **Econ:** economic variables, **Hum:** human variables, **Inf:** infrastructure variables, **Abi:** abiotic variables, **Ecos:** ecosystem variables, **Nat Res:** natural resources variables, **Env Man:** environmental management, **Div:** diversity principle, **Con:** connectivity principle, **Slow Var:** slow variables and feedbacks principle, **Par:** participation principle, **Poly Gov:** polycentric governance principle, **Under SES CAS:** understanding of social-ecological systems as complex adaptive system principle, **Learn:** learning and experimentation principle.