

main lens	code	authors	article title	continent	system under study	system scale studied (1)	system functionality (2)	risk categories (3)	res. components assessed (4)	capacity types (5)	degree of quantification (6)	dimensions of resilience (7)
<b>Selected relevant empirical papers (not being review or meta analysis papers)</b>												
Agro-ecology	A01	Bahadur et al. 2016	Assessing links between crop diversity and food self-sufficiency in three agroecological regions of Nepal	Asia	production - crop/livestock	P	F	C	PR	0	5	MSP
	A02	Blesh and Wittman 2015	"Brasiliense:" Assessing Resilience in Land Reform Settlements in the Brazilian Cerrado	Latin Am	farming system	S	FL	EGM	PR	0	3	MPE
	A03	Dendoncker 2018	How can integrated valuation of ecosystem services help understanding and steering agroecological transitions?	Europe	agro-ecosystem	S	F	U	PR	0	4	PE
	A04	Merot 2019	Diversity of conversion strategies for organic vineyards	Europe	production - crop/livestock	P	L	U	P	0	5	MP
	A05	Stark 2018	Crop-livestock integration determines the agroecological performance of mixed farming systems in Latino-Caribbean farms	Latin Am	farming system	S	F	U	PR	0	6	PE
	A06	Valencia 2019	Structuring Markets for Resilient Farming Systems	Latin Am	multiple scales	L	F	MP	PR	0	5	MSPE
	A07	Vanegas 2018	Effect of ecological and conventional managements on soil enzymatic activities in coffee agroecosystems	Latin Am	agro-ecosystem	S	F	C	P	0	4	E
	A08	Veisi et al. 2013	A participatory assessment of agro-ecosystem sustainability in Abesard, Iran	Asia	agro-ecosystem	S	EL	U	C	O	2	MSE
	A09	James 2019	Muck and Magic: A Resilience Lens on Organic Conversions as Transformation	Europe	farm	S	F	AMPG	C	DTO	1	SE
Capacities	C01	Ashkenazy 2018	Operationalising resilience in farms and rural regions - Findings from fourteen case studies	Europe	???	L	FL	U	CPR	BDT	0	MSPE
	C02	Ciftcioglu 2017	Assessment of the resilience of socio-ecological production landscapes and seascapes: A case study from Lefke Region of North Cyprus	Europe	agro-ecosystem	S	FL	N	CPR	BDT	2	MSPE
	C03	Cochrane 2018	Does diversification enhance community resilience? A critical perspective	Africa	livelihoods - community	L	FL	U	CPR	BDT	1	SPE
	C04	d'Errico and Di Giuseppe 2018	Resilience mobility in Uganda: A dynamic analysis	Africa	livelihood - household	S	F	F	CR	BDT	6	MS
	C05	Galappaththi et al. 2017	Can start-up motives influence social-ecological resilience in community-based entrepreneurship setting? Case of coastal shrimp farmers in Sri Lanka	Asia	enterprise and community	L	FL	ACM	CPR	BDT	2	MSPE
	C06	Gilioli et al. 2015	Assessment of social-ecological transitions in a peri-urban Ethiopian farming community	Africa	enterprise and community	L	FL	EF	CPR	BDTO	1	MSPE
	C07	Greig 2019	Resilience and finances on Aotearoa New Zealand farms: Evidence from a random survey on the sources and uses of debt	Oceania	farm	S	L	M	CR	BDO	4	MS
	C08	Jacobi et al. 2013	Agroecosystem resilience and farmers' perceptions of climate change impacts on cocoa farms in Alto Beni, Bolivia	Latin Am	farming system	S	L	AN	P	BDT	4	SPE
	C09	Jacobi et al. 2015	Farm Resilience in Organic and Nonorganic Cocoa Farming Systems in Alto Beni, Bolivia	Latin Am	farming system	S	L	C	CPR	BDT	2	MSPE
	C10	Jacobi et al. 2018	Operationalizing food system resilience: An indicator-based assessment in agroindustrial, smallholder farming, and agroecological contexts in Bolivia and Kenya	Africa +LA	food system	L	FL	U	CPR	BDO	4	MSPE
C11	Knickel 2018	Between aspirations and reality: Making farming, food systems and rural areas more resilient, sustainable and equitable	Europe	multiple scales	L	F	U	P	BDT	1	MPE	
C12	Oswehr et al. 2010	Evaluating successful livelihood adaptation to climate variability and change in southern Africa	Africa	production - crop/livestock	P	L	C	CPR	BDT	1	MSPE	
C13	Panpakdee and Limnirankul 2017	Indicators for assessing social-ecological resilience: A case study of organic rice production in northern Thailand	Asia	farming system	S	FL	U	CPR	BDT	4	MSPE	
C14	Shadbolt and Olubode-Awosola 2016	Resilience, Risk and Entrepreneurship	Oceania	farming system	S	L	M	CP	BDT	2	MSPE	
C15	Shadbolt et al. 2013	Resilience to 'Bounce without breaking' in New Zealand dairy farm businesses	Oceania	farming system	S	L	M	C	BDT	6	MS	
C16	Smith and Frankenberger 2018	Does Resilience Capacity Reduce the Negative Impact of Shocks on Household Food Security? Evidence from the 2014 Floods in Northern Bangladesh	Asia	farming system	S	L	N	CR	BDT	6	MSE	
C17	Souissi 2018	Impact assessment of climate change on farming systems in the South Mediterranean area: a Tunisian case study	Africa	farming system	S	L	C	PR	BDT	6	MSPE	
C18	Speranza 2013	Buffer capacity: capturing a dimension of resilience to climate change in African smallholder agriculture	Africa	livelihood	S	L	C	CPR	BDTO	3	MSPE	
C19	Speranza et al. 2014	An indicator framework for assessing livelihood resilience in the context of social-ecological dynamics		livelihood	S	L	CEMN	O	BDTO	0	MSPE	
Traditional	T01	Allen et al. 2018	Quantifying uncertainty and trade-offs in resilience assessments	N.America	agro-ecosystem	S	E	E	R	BD	2	SE
	T02	Borda-Rodriguez and Vicari 2014	Rural co-operative resilience: The case of Malawi	Africa	farming system	S	L	U	CR	D	1	MS
	T03	Borda-Rodriguez and Vicari 2015	Coffee Co-Operatives in Malawi: Building Resilience through Innovation	Africa	farming system	S	L	U	CR	D	1	MS
	T04	Brunner and Gret-Regamey 2016	Policy strategies to foster the resilience of mountain social-ecological systems under uncertain global	Europe	soc.-ecological system	L	EL	GC	CR	O	6	MSE
	T05	Chavarria 2018	Retaining forests within agricultural landscapes as a pathway to sustainable intensification: Evidence from Southern Ethiopia	Africa	agro-ecosystem	S	F	E	P	O	4	PE
	T06	Chavas and Di Falco 2015	Resilience, Weather and Dynamic Adjustments in Agroecosystems: The Case of Wheat Yield in England	Europe	farming system	S	F	N	P	O	6	PE
	T07	de Jalon et al. 2014	Building resilience to water scarcity in southern Spain: a case study of rice farming in Doñana protected wetlands	Europe	production - crop/livestock	P	F	CE	CPR	D	6	MSPE

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	T08	de Roest 2018	Specialisation and economies of scale or diversification and economies of scope? Assessing different agricultural development pathways	Europe	multiple scales	L	L	EM	CP	BDO	1	MSP
	T09	Diserens 2018	Resilience Assessment of Swiss Farming Systems: Piloting the SHARP-Tool in Vaud	Europe	farming system	S	F	CFMN	CPR	BDT	3	MSPE
	T10	Douglass-Gallagher 2019	Crop Growers' Adaptive Capacity to Climate Change: A Situated Study of Agriculture in Arizona's Verde	N.America	production - crop/livestock	P	F	C	PR	D	1	MSPE
	T11	Dwiartama 2017	Resilience and transformation of the New Zealand kiwifruit industry in the face of Psa-V disease	Oceania	chain	L	F	A	CPR	T	1	MSP
	T12	Epstein 2018	Recovery and adaptation after the 2015 Nepal earthquakes: a smallholder household perspective	Asia	farming system	S	FL	N	CPR	BDO	5	MSPEO
	T13	Fall et al. 2018	Exploring milk shipment data for their potential for disease monitoring and for assessing resilience in dairy farms	Europe	farm	S	FL	A	O	D	6	P
	T14	Hansson 2018	Farmers' mental models of change and implications for farm renewal - A case of restoration of a wetland in Sweden	Europe	farm	S	L	P	R	O	1	SE
	T15	Herman et al. 2018	Placing resilience in context: Investigating the changing experiences of Finnish organic farmers	Europe	production - crop/livestock	P	FL	G	CPR	D	1	MSPE
	T16	Kalaugher 2013	An integrated biophysical and socio-economic framework for analysis of climate change adaptation strategies: The case of a New Zealand dairy farming system	Oceania	production - crop/livestock	P	F	CM	CPR	DO	0	MSPE
	T17	Kansiime and Mastenbroek 2016	Enhancing resilience of farmer seed system to climate-induced stresses: Insights from a case study in West Nile region, Uganda	Africa	farming system	S	L	C	PR	O	3	MSPE
	T18	Li et al. 2016	Role of capitals and capabilities in ensuring economic resilience of land conservation efforts: A case study of the grain for green project in China's Loess Hills	Asia	production - crop/livestock	P	FL	P	CPR	T	6	MSPE
	T19	Maleksaeidi et al. 2016	Discovering and characterizing farm households' resilience under water scarcity	Asia	livelihood - household	S	FL	E	CPR	D	3	SPEO
	T20	Maleksaeidi et al. 2015	Farm households' resilience scale under water scarcity	Asia	livelihood - household	S	FL	CE	C	DO	6	SPE
	T21	Marshall et al. 2012	Transformational capacity and the influence of place and identity	Oceania	production - crop/livestock	P	E	C	C	DT	2	MSPE
	T22	Marshall et al. 2013	Climate change awareness is associated with enhanced adaptive capacity	Oceania	production - crop/livestock	P	FL	C	C	D	2	MSPE
	T23	McManus et al. 2012	Rural Community and Rural Resilience: What is important to farmers in keeping their country towns alive?	Oceania	enterprise and community	L	L	MG	CR	D	6	MSE
	T24	Meadows 2012	Can Birds Be Used as Tools To Inform Resilient Farming and Environmental Care in the Development of Biodiversity-Friendly Market Accreditation Systems? Perspectives of New Zealand Sheep and Beef Farmers	Oceania	agro-ecosystem	S	E	A	R	BO	2	SE
	T25	Nettle et al. 2012	Crisis as an opportunity for change?: A case study of applying resilience thinking to extension responses in dairy industry crisis	Oceania	farming system	S	FL	CMP	CR	D	1	MSPE
	T26	Nettle et al. 2015	Empowering farmers for increased resilience in uncertain times	Oceania	farming system	S	FL	CMP	CP	D	1	MSPE
	T27	Nguyen and James 2013	Measuring Household Resilience to Floods: a Case Study in the Vietnamese Mekong River Delta	Asia	farming system	S	L	N	CPR	O	2	MSPE
	T28	Phuong 2018	Understanding smallholder farmers' capacity to respond to climate change in a coastal community in Central Vietnam	Asia	livelihood - household	S	L	C	CPRO	D	2	MSPE
	T29	Ragkos 2018	Labor management strategies in facing the economic crisis. Evidence from Greek livestock farms	Europe	farm	S	L	M	P	D	2	M
	T30	Ranjan 2013	Mathematical modeling of drought resilience in agriculture		production - crop/livestock	P	L	N	PR	D	6	ME
	T31	Rescia 2018	Quantitative evaluation of the spatial resilience to the B. oleae pest in olive grove socio-ecological landscapes at different scales	Europe	agro-ecosystem	S	F	A	R	D	5	PE
	T32	Salvia and Quaranta 2015	Adaptive Cycle as a Tool to Select Resilient Patterns of Rural Development	Europe	production - crop/livestock	P	L	ACEM	CPR	BD	2	MSE
	T33	Sumane et al. 2018	Local and farmers' knowledge matters! How integrating informal and formal knowledge enhances sustainable and resilient agriculture	Europe	farming system	S	F	A	CR	DT	1	MSE
	T34	Tittonell 2014	Livelihood strategies, resilience and transformability in African agroecosystems	Africa	livelihood - household	S	L	U	O	DTO	4	MSPE
Vulnerability	V01	Abdul-Razak and Kruse 2017	The adaptive capacity of smallholder farmers to climate change in the Northern Region of Ghana	Africa	farming system	S	L	C	CPR	D	6	MS
	V02	Alam et al. 2018	How do climate change and associated hazards impact on the resilience of riparian rural communities in Bangladesh? Policy implications for livelihood development	Asia	production - crop/livestock	P	L	CE	CPR	O	6	MSP
	V03	Alayon-Gamboia 2011	Vulnerability of smallholder agriculture in Calakmul, Campeche, Mexico	Latin Am	production - crop/livestock	P	L	N	CP	BD	4	MSP
	V04	Alhassan 2019	Gender dimension of vulnerability to climate change and variability: Empirical evidence of smallholder farming households in Ghana	Africa	livelihood - household	S	L	C	CPR	D	6	MSPE
	V05	Ambelu et al. 2017	Intervention pathways towards improving the resilience of pastoralists: A study from Borana communities, southern Ethiopia	Africa	farming system	S	L	N	CPR	D	6	MSPE
	V06	Appiah 2018	Smallholder farmers' insight on climate change in rural Ghana	Africa	production - crop/livestock	P	L	C	P	O	2	SE
	V07	Arslan 2018	Diversification Under Climate Variability as Part of a CSA Strategy in Rural Zambia	Africa	livelihood - household	S	L	C	PR	O	6	MSPE
	V08	Below et al. 2012	Can farmers' adaptation to climate change be explained by socio-economic household-level variables?	Africa	farming system	S	EL	C	CPR	D	6	MSPE

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	V09	Berry et al. 2011	Farmer Health and Adaptive Capacity in the Face of Climate Change and Variability. Part 1: Health as a Contributor to Adaptive Capacity and as an Outcome from Pressures Coping with Climate Related Adversities	Oceania	production - crop/livestock	P	EL	C	CPR	D	6	MSE
	V10	Buelow 2018	What You Sow Is What You Reap? (Dis-)Incentives for Adaptation Intentions in Farming	Europe	production - crop/livestock	P	F	C	CO	D	6	MSPEO
	V11	Chandra et al. 2017	A Study of Climate-Smart Farming Practices and Climate-resiliency Field Schools in Mindanao, the Philippines	Asia	farming system	S	FL	CN	P	D	2	MSPE
	V12	Chodur 2018	Assessing food system vulnerabilities: a fault tree modeling approach	N.America	food system	L	F	GCEMN	O	O	1	MSP
	V13	Colting-Pulumbarit 2018	Sustainable Livelihoods-Based Assessment of Adaptive Capacity to Climate Change: The Case of Organic and Conventional Vegetable Farmers in La Trinidad, Benguet, Philippines	Asia	production - crop/livestock	P	L	C	CPR	D	6	MSPE
	V14	de Nijs 2014	Quantification of biophysical adaptation benefits from Climate-Smart Agriculture using a Bayesian Belief Network	Africa	production - crop/livestock	P	F	C	PR	D	6	MPE
	V15	Falkowski 2015	Resilience of farmer-processor relationships to adverse shocks: the case of dairy sector in Poland	Europe	chain	L	F	M	C	O	6	MP
	V16	Fang 2018	Effects of natural disasters on livelihood resilience of rural residents in Sichuan	Asia	livelihood - household	S	FL	N	CR	O	6	MSPE
	V17	Gardezi 2019	Spatially Representing Vulnerability to Extreme Rain Events Using Midwestern Farmers' Objective and Perceived Attributes of Adaptive Capacity	N.America	production - crop/livestock	P	F	N	CPR	DO	6	MSPE
	V18	Gnonlonfoun 2019	New indicators of vulnerability and resilience of agroforestry systems to climate change in West Africa	Africa	agro-ecosystem	S	L	C	PR	D	4	PE
	V19	Heckelman 2018	Cultivating climate resilience: a participatory assessment of organic and conventional rice systems in the Philippines	Asia	production - crop/livestock	P	FL	C	CPR	BDO	5	MSPE
	V20	Lawrence 2018	Vulnerability of dryland agricultural regimes to economic and climatic change	N.America	agro-ecosystem	S	FL	CM	P	D	6	MPE
	V21	Marshall and Stokes 2014	Identifying thresholds and barriers to adaptation through measuring climate sensitivity and capacity to change in an Australian primary industry	Oceania	agro-ecosystem	S	EL	C	C	DO	2	MSE
	V22	Marshall et al. 2014b	Social vulnerability to climate change in primary producers: A typology approach	Oceania	production - crop/livestock	P	L	C	C	DO	2	MSE
	V23	Marshall et al. 2014a	Transformational capacity in Australian peanut farmers for better climate adaptation	Oceania	production - crop/livestock	P	L	C	CR	DTO	6	MSPE
	V24	Meldrum 2018	Climate change and crop diversity: farmers' perceptions and adaptation on the Bolivian Altiplano	Latin Am	farming system	S	L	ACEN	CPR	D	6	MSPE
	V25	Mkonda 2018	Comparing Smallholder Farmers' Perception of Climate Change with Meteorological Data: Experience from Seven Agroecological Zones of Tanzania	Africa	farming system	S	FL	C	CPR	D	2	PE
	V26	Moore et al. 2016	Quantifying network resilience: comparison before and after a major perturbation shows strengths and limitations of network metrics	Africa	production - crop/livestock	P	F	C	R	DT	4	SPE
	V27	Mugambiwa 2018	Adaptation measures to sustain indigenous practices and the use of indigenous knowledge systems to adapt to climate change in Mutoko rural district of Zimbabwe	Africa	farming system	S	L	C	CPR	D	1	SPE
	V28	Mutabazi et al. 2015	Influence of livelihood resources on adaptive strategies to enhance climatic resilience of farm households in Morogoro, Tanzania: an indicator-based analysis	Africa	livelihood - household	S	L	CN	CPR	BD	6	MSPE
	V29	Nguyen 2018	How do local communities adapt to climate changes along heavily damaged coasts? A Stakeholder Delphi study in Ky Anh (Central Vietnam)	Asia	livelihoods - community	L	L	C	CPR	DO	6	MSPE
	V30	Perez et al. 2015	How resilient are farming households and communities to a changing climate in Africa? A gender-based perspective	Africa	???	O	FL	CGMP	CPR	D	3	MSPE
	V31	Safi et al. W 2012	Rural Nevada and Climate Change: Vulnerability, Beliefs, and Risk Perception	N.America	production - crop/livestock	P	L	C	CR	DO	6	SE
	V32	Sieber et al. 2015	Integrated assessment of sustainable agricultural practices to enhance climate resilience in Morogoro, Tanzania	Africa	production - crop/livestock	P	F	CF	CP	DO	2	MSPE
	V33	Simane and Zaitchik 2014	The Sustainability of Community-Based Adaptation Projects in the Blue Nile Highlands of Ethiopia	Africa	production - crop/livestock	P	FL	C	CPR	DO	5	MSPE
	V34	Simane et al. 2016	Agroecosystem specific climate vulnerability analysis: application of the livelihood vulnerability index to a tropical highland region	Africa	livelihood	S	L	C	CPR	D	5	MSPE
	V35	Stock 2019	Let the people speak: improving regional adaptation policy by combining adaptive capacity assessments with vulnerability perceptions of farmers in Gujarat, India	Asia	farm	S	L	CN	CPR	D	3	MSPE
	V36	Wassie 2018	Evaluating smallholder farmers' preferences for climate smart agricultural practices in Tehuledere District, northeastern Ethiopia	Africa	production - crop/livestock	P	FL	C	C	D	1	P
	V37	Webb et al. 2013	Integrating biophysical and socio-economic evaluations to improve the efficacy of adaptation assessments for agriculture	Oceania	agro-ecosystem	S	F	C	P	D	6	MPE
	V38	Alston et al. 2018	Limits to adaptation: Reducing irrigation water in the Murray-Darling Basin dairy communities	Oceania	production - crop/livestock	P	EL	N	CR	DT	0	MSPE
Othe	O01	Acosta-Alba 2019	The LCA4CSA framework: Using life cycle assessment to strengthen environmental sustainability analysis of climate smart agriculture options at farm and crop system levels	Latin Am	production - crop/livestock	P	F	CE	P	O	6	PE



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art	O02	Astier et al. 2011	Sustainability indicators, alternative strategies and trade-offs in peasant agroecosystems: analysing 15 case studies from Latin America	Latin Am	farming system	S	F	M	PR	O	4	SP
	O03	Bardsley and Bardsley 2014	Organising for socio-ecological resilience: The roles of the mountain farmer cooperative Genossenschaft Gran Alpin in Graubünden, Switzerland	Europe	farming system	S	EL	AMP	P	O	2	MSPE
	O04	Hamerlinck 2014	Country-specific analysis of competitiveness and resilience of organic and low input dairy farming across Europe	Europe	farming system	S	L	M	P	O	6	MP
	O05	Quandt 2018	Measuring livelihood resilience: The Household Livelihood Resilience Approach (HLRA)	Africa	livelihood - household	S	L	C	PR	D	5	MSPE
	O06	Valenti 2018	Indicators of sustainability to assess aquaculture systems	Latin Am	farming system	S	F	AEGMP	PR	O	3	M
	O07	Panpakdee et al. 2017	Developing Social-ecological Resilience Indicators of Organic Rice Production through Intergrating Resilience Theories with Social Sciences' Disciplines	Asia	production - crop/livestock	P	FL	A	CPR	D	4	MSPE

### Review papers and meta studies (R-)

Capacities	R-C01	Aboah 2019	Operationalising resilience in tropical agricultural value chains		chain	L	F	M	PR	DTO	5	MSPE
	R-C02	Béné et al. 2014	Review Article: Resilience, Poverty and Development		n.a.	O	L	F	CR	BDT	0	O
	R-C03	Béné et al. 2015	Is resilience a useful concept in the context of food security and nutrition programmes? Some conceptual and practical considerations		production - crop/livestock	P	FL	U	CPR	BDT	0	MSPEO
	R-C04	Cabell and Oelofse 2012	An indicator framework for assessing agroecosystem resilience		agro-ecosystem	S	F	G	CPR	BDT	4	MSPE
	R-C05	Carpenter et al. 2012	General Resilience to Cope with Extreme Events		soc-ecological system	L	-	UAMN	CRO	BDT	0	MSE
Other	R-O01	Alroe 2017	Performance versus Values in Sustainability Transformation of Food Systems		food system	L	FL	C	O	O	2	MSPE
Traditional	R-T01	Macfadyen et al. 2015	The role of food retailers in improving resilience in global food supply		food system	L	F	CGM	PR	B	1	MPE
	R-T02	Peterson et al. 2018	Ways forward for resilience research in agroecosystems		agro-ecosystem	S	F	CE	P	O	1	P
	R-T03	Quinlan et al. 2016	Measuring and assessing resilience: broadening understanding through multiple disciplinary perspectives.		variety of systems	L	-	-	O	O	0	MSPE
	R-T04	ten Napel et al. 2011	A conceptual approach to design livestock production systems for robustness to enhance sustainability	Europe	production - crop/livestock	P	F	U	O	BDT	0	MSPE
	R-T05	Darnhofer et al. 2016	The resilience of family farms: Towards a relational approach	Europe	production - crop/livestock	P	F	U	CPR	BD	1	MSPE
Vulnerability	R-V01	Bailey and Buck 2016	Managing for resilience: a landscape framework for food and livelihood security and ecosystem services		production - crop/livestock	P	L	CE	CP	D	0	MSPE
	R-V02	Brzezina 2016	Can Organic Farming Reduce Vulnerabilities and Enhance the Resilience of the European Food System? A Critical Assessment Using System Dynamics Structural Thinking Tools	Europe	food system	L	F	AEM	CPR	O	1	MSPE
	R-V03	Elias 2018	Diverse landscapes, diverse risks: synthesis of the special issue on climate change and adaptive capacity in a hotter, drier Southwestern United States	N.America	region/coll.of agric. systems	L	F	C	CR	D	0	MPE
	R-V04	Hansen 2019	Climate risk management and rural poverty reduction		farming system	S	L	C	PR	O	1	MSP
	R-V05	Vroegindewey 2018	Resilience of Agricultural Value Chains in Developing Country Contexts: A Framework and Assessment Approach		chain	L	F	M	CRO	D	2	M

(1) System scale studied: F= farming; S= farming/agro-ecosystem; L= larger system

(2) System functionality: F= food production; L= livelihood/income; E= ecosystem services

(3) Risk categories: A= production disturbances; C= climate change; E= environmental, land & water disturbances; F= food insecurity and poverty; G= global drivers and context changes; M= market & supply chain disturbances; N= natural disasters and extreme weather events; P= policy changes;

(4) Components of resilience assessed (C= capacities; P= practices; R= resources; O= other

(5) Capacity types: B= absorptive/buffering; D= adaptive; T= transformative; O= other

(6) Degree of quantification: 1. Perceptions/judgements of observer or interviewee - descriptive without evidence of scale or justification for judgement; 2. Scoring of indicators without distinct categories; 3. Scoring using distinct categories; 4. Measured indicators without computation of

(7) Dimensions of resilience: M= economic, S= social, E= environmental, P= production, O= other