



# FORUM ORIGIN, DIVERSITY AND TERRITORIES

## Perspectives on territories in transition

Turin, September 19<sup>th</sup>-21<sup>st</sup> 2018

### Workshop 4. Tools and innovations to build the resilience of farmers and territories

*Coordinated by D. Barjolle, ETHZ Switzerland, Martijn Sonneveld WFSC ETHZ Switzerland, Johan Six, ETHZ Switzerland, Anne-Sophie Poisot, FAO Italy and Barbara Gemmill-Herren ICRAF Kenya/USA*

Resilience of farming systems increases with the ability of farmers and their farms to cope and adapt to changes. Most pressures for change are due to environmental impacts such as climate, but market conditions, assets base, trade and changes in policies play a determining role. As for holistically assessing the degree of resilience of complex farming systems, the FAO has developed tools and methods, such as the SHARP and RIMA tool. Universities have created complementary approaches for evaluating and building the resilience of value chains or food systems. Although, the scope, scale, context and approaches are diverse, they may be complementary. The workshop should serve as a platform of sharing information but also experience and knowledge about the development, implementation, and the use of resilience assessment tools. The perspective is to search for promising ways to share data in order to get a worldwide baseline assessment of resilience, causes of vulnerability, and pathways to build resilience. The workshop will address two main workstreams in 4 sessions, with contributions followed by discussions and participatory timeslots.

#### Structure of the workshop

Workstream (1): Building the evidence base on community resilience and vulnerability. For this aspect, the areas of contribution are the following: (a). Developing conceptual frameworks for resilience assessment; (b). Establishing indicators and benchmarks; (c). Analysis of assessment findings and (d). Sharing of databases.

#### *Session 1: Assessment of resilience (Poster session and market place)*

This first session should bring the participants to the same level of understanding about existing frameworks, approaches, and tools. The pooling or sharing of data should be discussed with regards to future possible joint publications or workshops.

Workstream (2): Pathways from current status to increase resilience. For this aspect, the following topics of contributions will be welcome: (a). Developing conceptual frameworks to understand pathways of transition; (b). establishing information needs; (c). modes of analysis of pathways and (d). sharing of findings/approaches.

#### *Session 2: Defining pathways for Resilience Building (4 presentations)*

The objective of this second session is to understand how to define relevant set of actions, programs or projects enhancing the capacities of the farms or food systems to build resilience, based on the results of the assessments. Presentations should show the methodology used, the results of the assessment, the way of prioritizing and defining the actions' line of concrete projects, and discuss the limitations and possibilities that have occurred along these pathways.

#### *Session 3: Implementation of resilience building activities/projects (3 presentations)*

The third session will take place as a workshop, with an introductory talk at the beginning. The objective is to share experiences related to the concrete implementation of resilience building projects. Topics like participatory approaches, building effective networks, sustainability of activities after project closure and comprehensive pathways to get the innovations shared and disseminated among the farmers and communities overall should be discussed.

*Session 4: Evaluation and Monitoring of activities and projects (groups and plenary discussions; 2 presentations)*

This last session should address the tools, indicators and methods for appropriate evaluation of resilience building activities. Measuring emergence and adoption of farm-based solutions, innovations along value chains or transition at the level of the rural communities should be addressed.

## Program of the Workshop 4. Tools and innovations to build the resilience of farmers and territories

Wednesday September 19 <sup>th</sup>			
Time	Section	Speaker	Notes
13.45 – 14.00	Welcome of the participants		Coordinator: Dominique/Martijn
OPENING			Moderator: Martijn Sonnevelt
14:00-14:05	Welcome address and introduction to the WFSC-ETH work on farm resilience	Martijn Sonnevelt, ETH	
14.05–14.10	Welcome address and introduction to the FAO work on farm resilience	Suzanne Phillipps, FAO (video-recorded welcome address: Anne-Sophie Poisot, FAO)	
14.10– 14.20	Resilience in food systems – Summary of first ETH-FAO Workshop 2017	Johan Six, ETH	
14.20 – 14.40	Participatory session (“Problem tree”) on “ <i>Issues faced to implement solid participatory programs from resilience assessment to resilience building, and leading to effective impacts for the smallholders</i> ”.	Martijn Sonnevelt, ETH	All participants
ASSESSING RESILIENCE (POSTERS)			Moderator: to be defined
14:45	SHARP+ Tool	Maria Hernandez Lagana, FAO	(Pitch 3’, 2’ Q+A)
14:50	Assessing Farm System Resilience in Canton de Vaud	Ulysse Le Goff, FiBL	(Pitch 3’, 2’ Q+A)
14:55	Building resilience through the adoption of conservation agriculture: Tales from Ghana using the SHARP+	Padlass Edeafour, WUR	(Pitch 5’, 5’ Q+A)
15:05	Whose resilience matters? Like-for-like comparison of objective and subjective ways of evaluating resilience	Lindsey Jones, Risk and Resilience Programme Overseas Development Institute, Marco Derrico, FAO	(Pitch 5’, 5’ Q+A)
15:15	Community resilience in mountain areas: evidence of a qualitative approach in the Austrian Alps	Rike Stotten, University of Innsbruck	(Pitch 5’, 5’ Q+A)
30’	DISCUSSION		Experts knowledge vs People’s knowledge
BREAK			
15.45-16.00	Coffee Break		
DEFINING PATHWAYS FOR BUILDING RESILIENCE			John Choptiany
16:00	Building resilience to climate change: Piloting participatory pathways in rural landscapes	Susanne Skyllersted, Meredith Giordano, Jennie Barron, Swedish University of Agricultural Sciences	
16:20	Lessons from Philippine Smallholders: Identifying Pathways and Barriers to Resilience	Amber Heckelman, Centre for Sustainable Food Systems, University of British Columbia	
16:40	Is resilient always sustainable? The case of Tomato Producers in Ghana and Morocco	Kenza Benabderrazik, ETH	
17.00 – 17.30	DISCUSSION		Measuring resilience for what, for whom, by whom

Thursday September 20 <sup>th</sup>			
ARRIVAL			
08.15 – 08.30			
Time	Section	Speaker	Notes
IMPLEMENTATION OF RESILIENCE BUILDING ACTIVITIES			Barbara Gemmill-Herren
08.30 – 08.45	Introduction The need to facilitate more sharing of highly context-specific experiences in developing resilience Resilience Assessment, Benchmarking and Impact Toolkit (RABIT):	Barbara Gemmill-Herren, ICRAF Kenya/USA	Extractive / participatory / co-designed resilience projects
8:45	Strengthening Farmers' Resilience through the use of Information and Communication Technologies (ICTs)	Angelica Ospina, IISD	
9:00	Resilience of the Swiss food system: moving from theory to practice	Elena Monastyrnaya, Jonas Joerin, Johan Six, ETH	
9:15	Empowering rural entrepreneurs for social value creation. The case study of "Panem Nostrum Everyday PA.N.E - Nutrire Terdona	Antonelle Capriello, University of Piemonte Oriental Ian D. Rotherham, Sheffield Hallam University	
9:30	DISCUSSION		
BREAK			
10.00 – 10.30	Coffee Break		
EVALUATION AND MONITORING OF ACTIVITIES AND PROJECTS			Moderator: Dominique Barjolle
10.30 - 10.45	SHARP tool – results from the South	Suzanne Phillipps, FAO	(PPT 10', 5' Q+A)
10.45-11:00	Examples from evaluation on activities/project & challenges faced	Marie-Bernadette Kiebre Toe, FAO, Abraham Monnier, ETH Zürich	(PPT 10', 5' Q+A)
11:00 – 11:45	Discussion		Key points on a paper board
11:45	Closing	Johan Six / Martijn Sonneveld, ETH	Points to be reported in plenary