Selected Training Events on Diversified Farming and Agroecology in northern Nicaragua, 2016-2022

In Nicaragua, capacity building activities were carried out through training in the field and in the classroom with four groups of research assistants: 1) promoters, 2) farmers, 3) students from UNA and SCU 4) Learning sessions for the research team.

2022

Food Security, Dietary Diversity and Climate Resilience:

Research team met with local cooperatives and 60 family farmers to present and discuss their participatory action research on diversification for food security, dietary diversity and climate resilience.



Photo Credit: Rosaía Bacon-Flores

2020

Conducted 28 farmer interviews about diversification and food security - also part of participatory project evaluation.



Photo credit: Project team

2020

Soil results analysis and reflection with organic producers to co-create recommendations



Photo credit: Miseal Rivas presentation & discussion of soil lab analysis with 50 farmers

2019

UNA-led training of cooperative promoters on the use of Geographic Information Systems (ArcGIS)for sustainable agriculture and planning.



South-North Dialogue on Food Justice and Agroecology between Research Assistants at Santa Clara University and Co-op leaders from Mexico and Nicaragua.



Photo Credit: Maria Eugenia Flores

Conducted focus groups and workshops to develop agricultural calendars with a focus on gender division of labor with 78 families

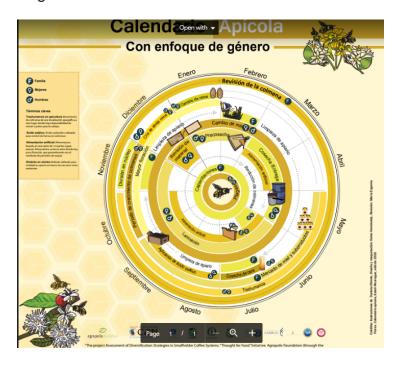


Photo Credit: Helen Judit Hernandez (CII-ASDENIC)

Analysis of production costs and value chains by type of diversification



Photo Credit: Josue Rocha (UNA)

On-farm tree inventories



Photo Credit: Chris Bacon

Evaluation and Most Significant Change stories selection



Photo Credit: Misael Rivas (PRODECOOP)

Distribution of Farm Maps and Research Results by family



Photo Credit: Mixsael Rivas (PRODECOOP)

2018

Participatory georeferenced farm mapping at the parcel level



Photo: map generated by Vanessa Shin

Training with promoters and farmers on how to use household diaries to record farm and food security data



Photo Credit: Alvaro Gonzalez Benavides (UNA)

Soil sample collection



Photo Credit: Alvaro Gonzalez Benavides (UNA)

Adjusting coffee farm resilience assessment research tool.



Photo Credit: Alvaro Gonzalez Benavides (UNA)
Stream flow measurement.



Photo Credit: Alvaro Gonzalez Benavides (UNA)

Training for farmers and students on how to manage beehives



Photo Credit: Josue Rocha (UNA)

Agroecological practices and diversified milpa crop inventories



Photo Credit: Alvaro Gonzalez Benavides (UNA)

Agroecological practices and diversified home garden crop inventory



Photo Credit: Misael Rivas (PRODECOOP)

On farm biodiversity inventory



Photo Credit: Alvaro Gonzalez Benavides (UNA)

Review and adaptation of methodologies for case studies



Photo Credit: Misael Rivas (PRODECOOP)

Training with professors, agricultural extension staff, students and promoters on how to design a scientific poster for academic conferences



Source: Chris Bacon, Maria Eugenia Flores Gomez, Vanessa Shin, et al.

Preliminary results dissemination to families- 2018



Photo: PRODECOOP.

2017Survey field testing farm and household survey with promoter and farmer



Photo Credit: Christopher Bacon (SCU)

Adapting participatory research methods, research ethics, digital technology, Qualtrics and data collection with 19 Research Assistant Promoters (4 days)



Photo Credit: Raul Diaz (CII-ASDENIC)

Data quality control and collective planning for second phase of field research with promoters and survey enumerators



Photo Credit: Josue Rocha (UNA)

Return and interpretation of previous study results with first-level cooperatives



Photo Credit: Christopher Bacon (SCU)

Exchange between producer families on diversified coffee and resilience



Photo Credit: Ruddy Bejarano (PRODECOOP)

Entrepreneurship, Cooperativism and Food Security Workshop at PRODECOOP



Photo Credit: Katherine Sofía Martínez Montenegro (CII-ASDENIC)

Farmers exchange on agroecology experimentation, gender and resilience



Photo Credit: Misael Rivas (Prodecoop)