

Local Food Systems Development Online Training

Systems Thinking and Community Engagement as Foundational Competencies

NACDEP Annual Conference Cleveland, OH

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Outline

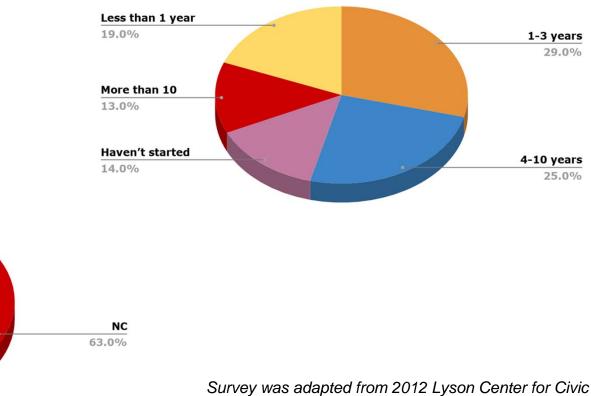
- Rationale
- Program Design and Description
- Results Outcomes/Impacts
- Conclusion/Recommendations



Situation / Rationale



2015 Online LFS Training Needs Assessment Survey



Experience in Local Food System Development Work

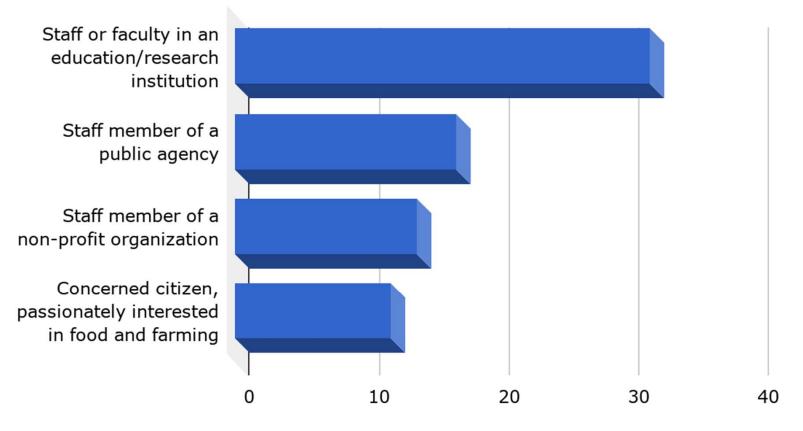
Other

Participant Demographics by State

8.0% SC 7.0% VA 22,0% NC 63.0%

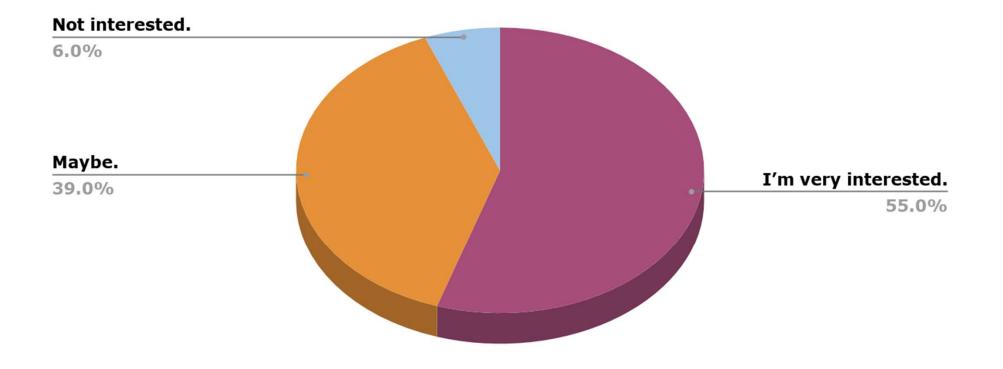
Survey was adapted from 2012 Lyson Center for Civic Agriculture national survey.

Who were the Respondents?

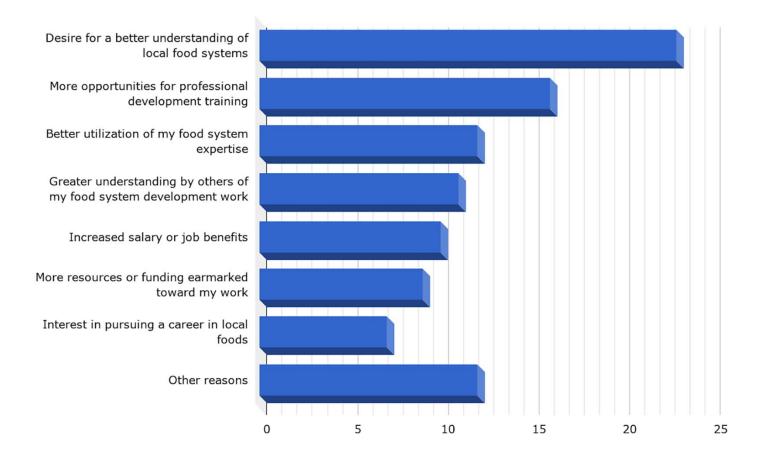


% of respondents

Interest in Enrolling in Local Food Systems Online Course



Primary Reason for Interest in the LFS Online Course



% of respondents

Pilot Program Design and Description

Online Certificate Series - Pilot **Primary Goal & Objectives**

Build the capacity of Extension and other professionals* to work with and educate growers, processors, distributors, buyers, and community members in the development and facilitation of high performing local food systems.



*e.g. non-profits, other state agencies, and private sector employees

Online Certificate Series - Pilot Student Learning Outcomes

Students will understand and utilize (in food systems development):

- 1. A systems approach
- 2. Place-based awareness
- 3. Diverse networks and collaboration through community leadership



Food System: A Primer on Community Food Systems: Linking Food. Nutrition and Aariculture.

Overview of Local Food Systems Online Professional Development Training



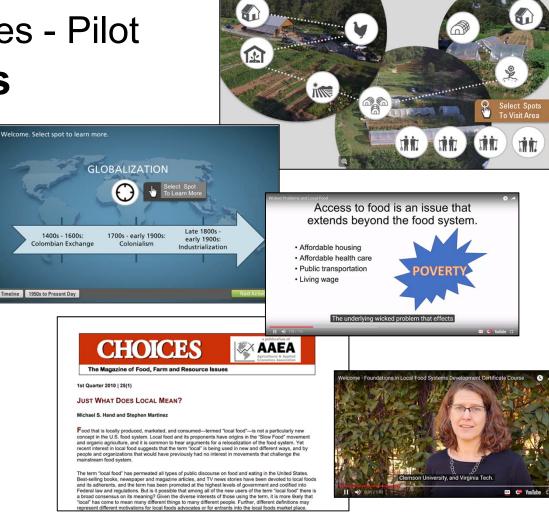
Pilot Courses

- 1. Introducing Local: Where We Have Been and Where We Are Going
- 2. Food as a Common Denominator: Bringing Everyone to the Table
- 3. The Bottom Line: Economic Opportunities & Challenges of Local Food Systems
- 4. Value Chain: Farm to Fork
- 5. Introducing Regulatory Policy & Frameworks for Local Food Systems Development

Platform eXtension.org Campus, Moodle

Online Certificate Series - Pilot Learning Activities

- Recorded lectures
- Voiceover presentations
- Readings
- Forum posts
- Virtual Field Trips
- Storyline interactive activities
- Podcasts



NC STATE UNIVERSITY

Virtual Farm Tour 下

Online Certificate Series - Pilot Student Assessment

Requirements for successful completion of courses

1. Post module quizzes.

Must achieve 85% or higher.

2. Forum posts based on course activities.

Results: Outcomes and Impacts

Pilot Participants / Demographics

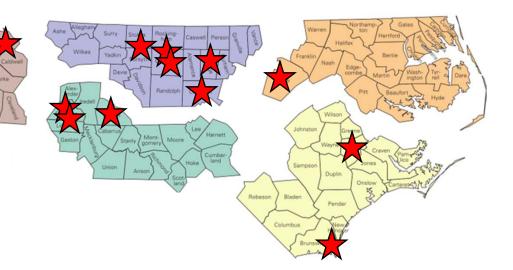
12 Participants

North Carolina

- 2 Ag NGO staff members
- 1 Non-Extension Ag-related Educator
- 1 Food Council representative
- 1 Extension Program Associate
- 1 Farmers Market Manager
- 2 FSC Agents
- 2 Hort Agents
- 1 4-H Agent

South Carolina

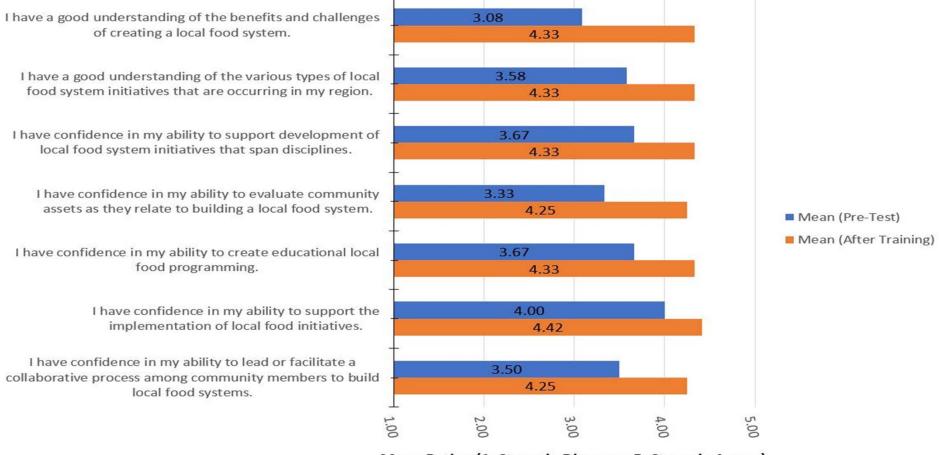
• 1 SC University Faculty



Evaluation Methods

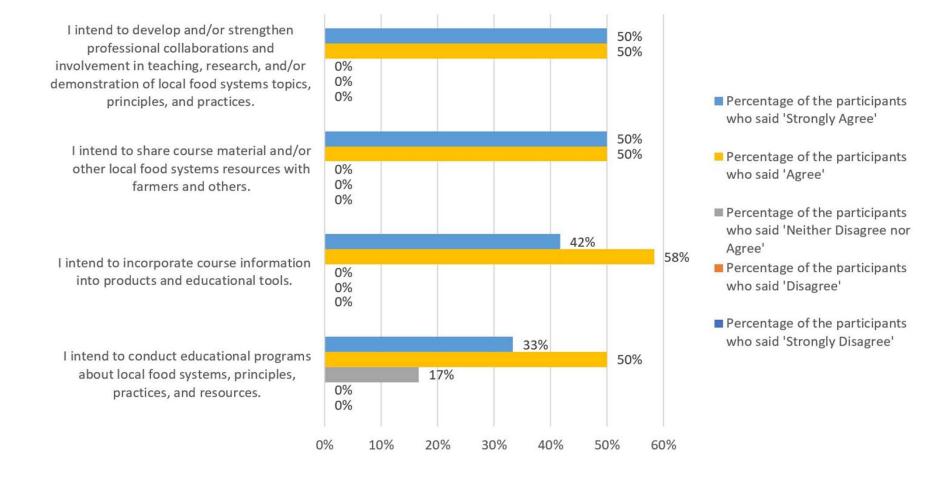
- 1. Pre-Course Survey to Assess Knowledge/Confidence (Prior to Course 1)
- 2. Post-Course Survey to assess:
 - a. Knowledge/Confidence and Aspirations
 - b. Satisfaction strengths and weaknesses of course to glean information for improving course.
- 3. 6-Month Post Interviews (in process now)

Comparison of 12 Participants' Confidence/Knowledge Change After Certificate Series



Mean Rating (1=Strongly Disagree; 5=Strongly Agree)

Potential Practice Changes After Completion of Certificate Series



Core Competencies / Foundational Knowledge

- I have a much better understanding of the **history of our food system** which sheds light on to what we take as a given.
- I am better able to express the **benefits and impacts of the local food system** which gives me confidence in these conversations moving forward.
- I have gained so much knowledge about [business planning and finance information] and really learned why it is important to have this knowledge and how I can use it.
- The materials in this course were excellent at communicating [the importance of understanding the various distribution channels and evaluating their pros/cons] and how to go about actually conducting the analysis.
- This course was extremely helpful in preparing me for the opportunity to educate the community on how to develop a high performing local foods system by equipping me with knowledge of **direct examples, community impacts and terminology** on how the system operates.

Using what they learned

- I have already used parts of this class in local food policy council meetings and advisory council meetings. It has helped me to educate community members about the sectors of the food system and how we all play a part and what we can do to better the food system.
- I've already used NASS data since taking this course (first time I've used it) to assist a farmer. I really like the explanation of free, online data tools.
- I feel more confident in my ability to speak with a new producer about their farm and the market opportunities available to them. In fact, I did so today.
 I spoke with a grower about where and how she could market her winter squash now that her summer farmers' market has ended...

Did we achieve our SLOs?

Fostered a systems approach for future work

- This course has helped me to be closer to the possibility of working with educating community members in developing local food systems [by providing] concrete knowledge of how systems work...
- Reviewing the food system through the lens of the grower ... helped me more clearly see potential gaps in the food system and how they would negatively impact the farmer.
- This course ... [equipped] me with knowledge of direct examples, community impacts and terminology on how the system operates.

Did we achieve our SLOs?

Enhanced place-based awareness

- The case studies shared have given me **new insights into working with my community** through specific projects and through strategies of how to go about projects that I'm currently working on, but am having challenges with.
- [This training] has helped me to design more structured and efficient programming/efforts to reach specifically identified goals of the population I serve.
- I have more **knowledge of NC's food and farm history**, so I have more context to work from. I also have a greater understanding of one local food project in my community and can network resources or people there when it's appropriate.

Did we achieve our SLOs?

Encouraged utilization of diverse networks and collaboration through community leadership

- The course has helped me to **identify possible collaborators** and to work with them to make the best use of their talents and connections.
- I feel more confident in my ability to connect with stakeholders and **understand the different goals in the room**.
- This course led me [to] better develop my Circle of Influence...
- Understanding the **Collective Impact Model** and the paradigm shift from the Collaboration Model will help strengthen my capacity to work in my local food system.
- Being a part of local food policy councils in my area allows me to share the resources and information from the class to **help us determine community assets and create an action plan** that really fits the needs of the community.

Revisions to Course Design and Delivery

- Condensed the content (3 courses)
- Certificate for each course
- Increased interactivity
- Improved activities for online audience
- Improved cohesion of content
- Reinforced social presence of participants and teacher presence



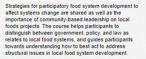
1. Foundations in Local Food

Systems Development (Register now!)

(Prerequisite for the following two courses)

This introductory course is designed to provide a solid general foundation of knowledge of local food systems practice. The course provides a history of the US food system, defines key terminology, and describes benefits and challenges of local food systems.

Course participants are encouraged to learn about and reflect on what values and historical context influence local food system development in their own communities. Participants are introduced to the concepts of equity in food systems, and explore how the structure of the food system affects outcomes for different communities and populations.



2. Farm to Fork: Foundations in Local Food Supply & Value Chains (*coming soon*)

This course introduces participants to the concept of a value chain, and explores what values drive supply chain configuration in different contexts, as well as how value chain development can support community and economic development.

Participants will also learn about the importance of collaborative relationships in successful local food systems, how local value chains can be upgraded, and what producers need to consider when selecting a market channel.

3. The Bottom Line: Economic Realities & Other Considerations of Local Food Systems (*coming soon*)

Local food systems are often promoted in terms of their ability to contribute to community economic development.

In this course, participants will learn about legal structures for local food value chain businesses, the case for triple bottom line impacts of local food systems, and traditional and alternative financing methods. Participants will also explore basic business planning and risk management, and some keys to markeling local food products, including regional branding.



Course Topics Revised Series



- 1. Foundations in Local Food Systems Development (prerequisite)
- 2. Farm to Fork: Foundations in Local Food Supply & Value Chains
- 3. The Bottom Line: Economic Realities & Other Considerations of Local Food Systems

Platform: NC State's McKimmon Center for Extension & Continuing Education, Moodle







Online Certificate Courses (launched late May) **Course 1.** Foundations in Local Food Systems Development (prerequisite)

Introducing Local: Where We've Been & Where We're Going

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Virtual Field Trip Activity Link

Virtual Field Trip Activity Link



RESULT: A thriving, sustainable community-based food system across all of North Carolina. **EXPERIENCE:** The wordcloud to the the main page of the course. right shows phrases the define the experience if the result were true. Introduction This session will introduce policy actors, issues, and strategies across local food system sectors. This session will share practices and processes utilized by a strategic partnership in North Carolina that is working at the state and local level to support budding local and regional food councils emerging in the state. This session will also require a short forum post to help students practice an effective strategy for engaging community members with an issue in the local food system.

Shining a Light in Dark Places

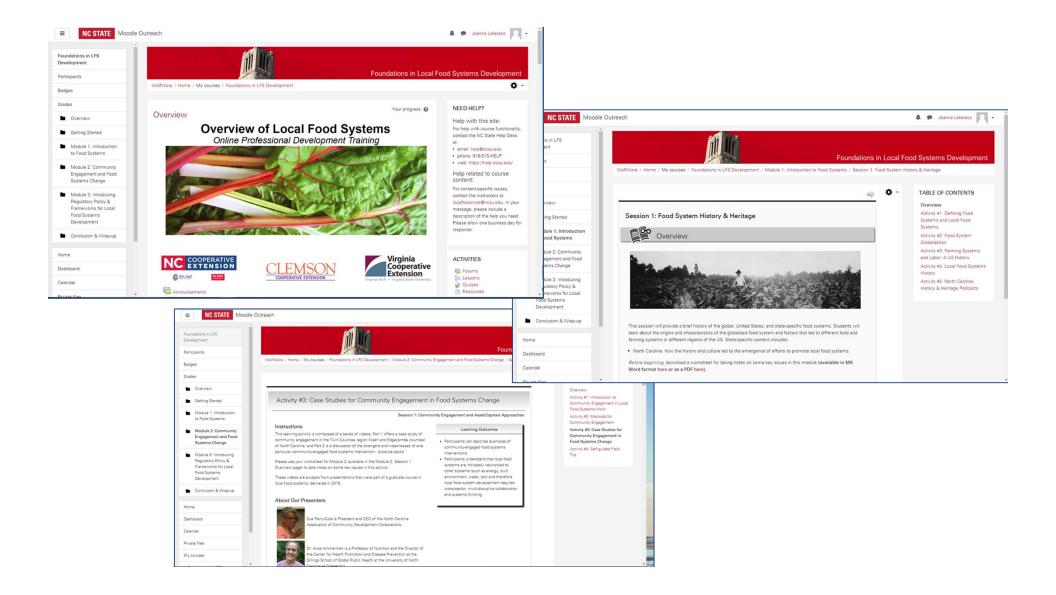
Raising Up the Work of Southern Women

of Color in the Food System

A Policy Brief

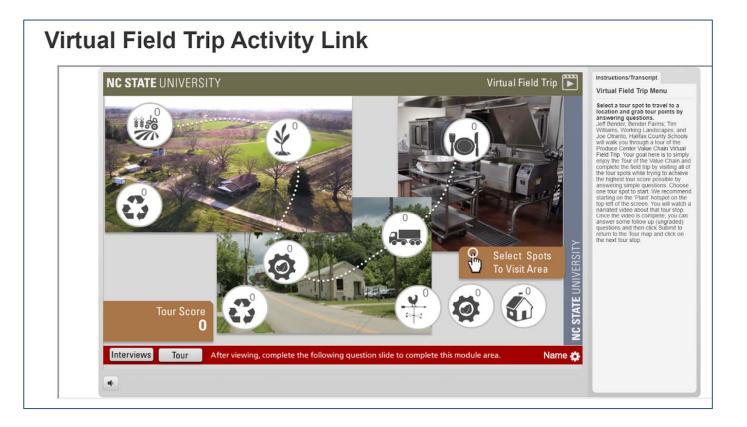
Learning Objective

· Students are familiar with strategies for engagement with local food system policy actors and issues across local food

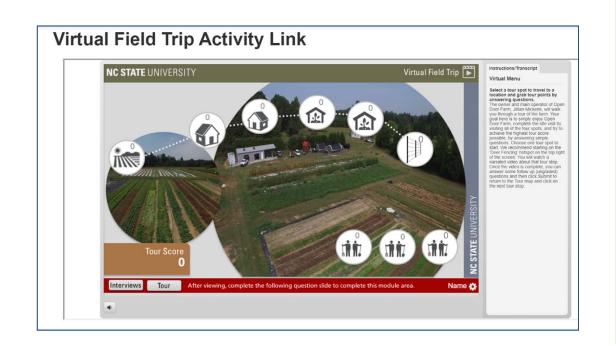


Online Certificate Courses

Course 2. Farm to Fork: Foundations in Local Food Supply & Value Chains



Online Certificate Series - Pilot Course 3. The Bottom Line: Economic Realities & Other Considerations of Local Food Systems





Conclusions & Recommendations for Practice

"It [the course] gave me ... a deeper understanding of the challenges that exist for local farms and local farmers. And... I feel more driven to be a more active player in it [local foods work]."

"I think overall it [the course] was really helpful to help me lay that groundwork of what does a robust local food system really look like, [and] looking at some examples in other places was really helpful to do that."

"I would definitely say in terms of interacting and engaging with the community... I definitely think that your course helped me in that regard."

~Pilot Participants~



Get a Certificate in Local Food Systems

Non-credit online training from N.C. Cooperative Extension



Support for development of this online training program is provided in part by Southern Sustainable Agriculture Research and Education Professional Development Program, grant #ES13-119.



Foundations in Local Food Systems Development Our three-module introductory course

Module 1: Introduction to Food Systems > Food System History and Heritage > Key Concepts and Evidence-based

Impacts of Local Food Systems > Systems Issues and Approaches to Local Foods

Module 2: Community Engagement and Food Systems Change > Community Engagement and Assets/

Capitals Approaches > Engaging Youth in Food Systems Efforts

Module 3: Introducing Regulator Policy and Frameworks for Loca Food Systems Development

> Introduction to Government, Law and Policy > The Basics of Ag and Food System Policy > Who are the Actors and What are the Issues?

Place-based Case Studies of Food Systems Change



See exerpts of a virtual field trip: go.ncsu.edu.opendoorfarmvft

Get a Certificate in **Local Food Systems**

Non-credit online training from N.C. Cooperative Extension

Who? Working professionals with an interest in local food systems, or anyone pursuing a career in local foods. What? A self-paced, research-focused

online training program featuring engaging learning activities including lectures, videos, readings and virtual field trips.

Why? Learn how local food systems are structured and develop the skills to support and expand local food systems. Participants will receive a certificate of completion from NC State University for each course in the program.

When? Enrolling now! Learn more about our aborators, dates and registration at







Specialized Training

A new practical, research-based online training program developed especially for current and aspiring local food systems professionals is now available through a partnership between North Carolina, Clemson and Virginia Cooperative Extension services.

The program will prepare participants for a career in local food systems through an overview of local food systems research, tools and resources to support the practical application of research.

"When I enrolled I thought I knew a lot about food systems, but this course helped fill in the holes in that knowledge to form a full systems perspective." - A recent participant

Foundations in Local Food Systems D

courses that will be available soon.

the introductory course, is available now. Providing

a comprehensive understanding of local food

systems practice, it targets the core competenci as identified by national leaders in the field. This

course takes approximately 15 hours to complete

Farm to Fork: Foundations in Local Food Supply

and Value Chains and The Bottom Line: Econom Realities and Other Cor

tions are additional

Engaging Lessons

Food as a System

Food System

Sectors

All training courses provide a variety of learning activities, including lectures, videos, readings, podcasts and virtual field trips.

Course participants will learn the structure and components of local food systems and will be effective collaborators across the disciplines that support local food systems.

Learn more about this comprehensive training program, including course collaborator bios. program updates and how to register online at:

localfoodcourses.org

Enrollment is open to anyone - Localfoodcourses.org

Virginia

Cooperative Extension

localfoodcourses.org



Overview of

Local Food

Systems

Online Professional

Development Training

localfoodcourses.org



Thank you to our Program Advisers

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