2019 NSF SMART AND CONNECTED COMMUNITIES PI MEETING

Developing an Informational Infrastructure for Building Smart Regional Foodsheds, NSF Award 1737573

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Project Aims & integrative research approach

Develop an informatics framework for understanding and optimizing regional food systems ("foodsheds")

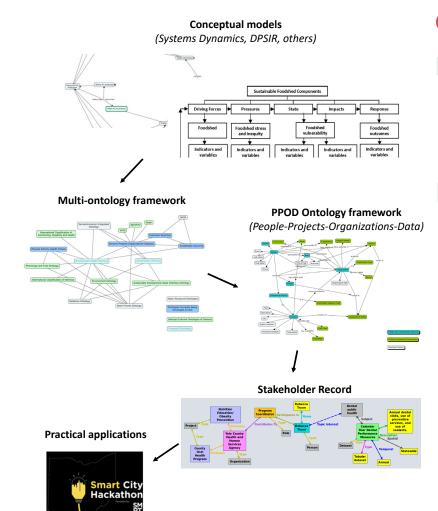


- 1. Document interrelated network relationships and material flows in the food system
- 2. Develop and connect information technologies to capture these relationships for information sharing and analysis
- Collaborate with stakeholders, strengthen regional, national, and international food system research and action

Status of the Project

- · Food system mapping
- · Stakeholder mapping
- Informatics infrastructure / ontologies





Community engagement



What's next

- Meeting with stakeholders to develop use cases
- · Collecting and curating data resources
- · Use cases in four key areas:
 - Policy
 - Health
 - Supply chains
 - Production
- Publications: Hollander et al. In revision. Towards smart foodsheds: using stakeholder engagement to improve informatics frameworks for regional food systems. 2020 Special Issue on Smart Spaces and Places, Annals of the American Association of Geographers.

