



Presented by:

Stephan Goetz

Professor and Director
The Northeast Regional Center for Rural Development
and Penn State University

AEDE Applied Economics Seminar Series:

Applications of Network Science in Food Systems Research

In recent years, tools and insights developed in network science have increasingly found their way into the social sciences. The power of network analysis derives in part from the fact that it can be applied to broad sets of problems and issues, and at very diverse levels, ranging from the atomic and cellular to drug interactions, ecosystems and Twitter accounts, to economic problems such as human migration and commuting.

This presentation discusses applications of network science to research on food systems. Topics include analysis of product flows through supply chains and marketing channels, and optimal hub location problems; food system resilience as derived from input-output tables; network interactions among farmers related to marketing and production activities; and collaborations among scientists on a large multidisciplinary food systems-related research project.



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

Friday,

April 22

10:30 AM – noon

Room 105,
Agricultural
Administration
Building

This event is co-sponsored
by the Agroecosystems
Management Program
(AMP) and AEDE.

More information about this
seminar can be found at
aede.osu.edu under Events.
RSVPs are not required.