

Urban Agriculture and Brownfields: Introduction to Policy Issues

Marcia Caton Campbell, PhD
Milwaukee Director
Center for Resilient Cities

October 7, 2010



WHO we are

Urban planners & policy formulators
Landscape architects
Community food activists
Public health & built environment consultants

WHERE we work

Milwaukee & Madison, WI

WHAT we do

We provide oversight and tools that give urban communities the ability to improve their natural environment, citizen health, and local economy, increasing their resilience to system stressors.



Urban Agriculture: Growing Healthy, Sustainable Places



Kimberley Hodgson, Marcia Caton Campbell, and Martin Bailkey



American Planning Association

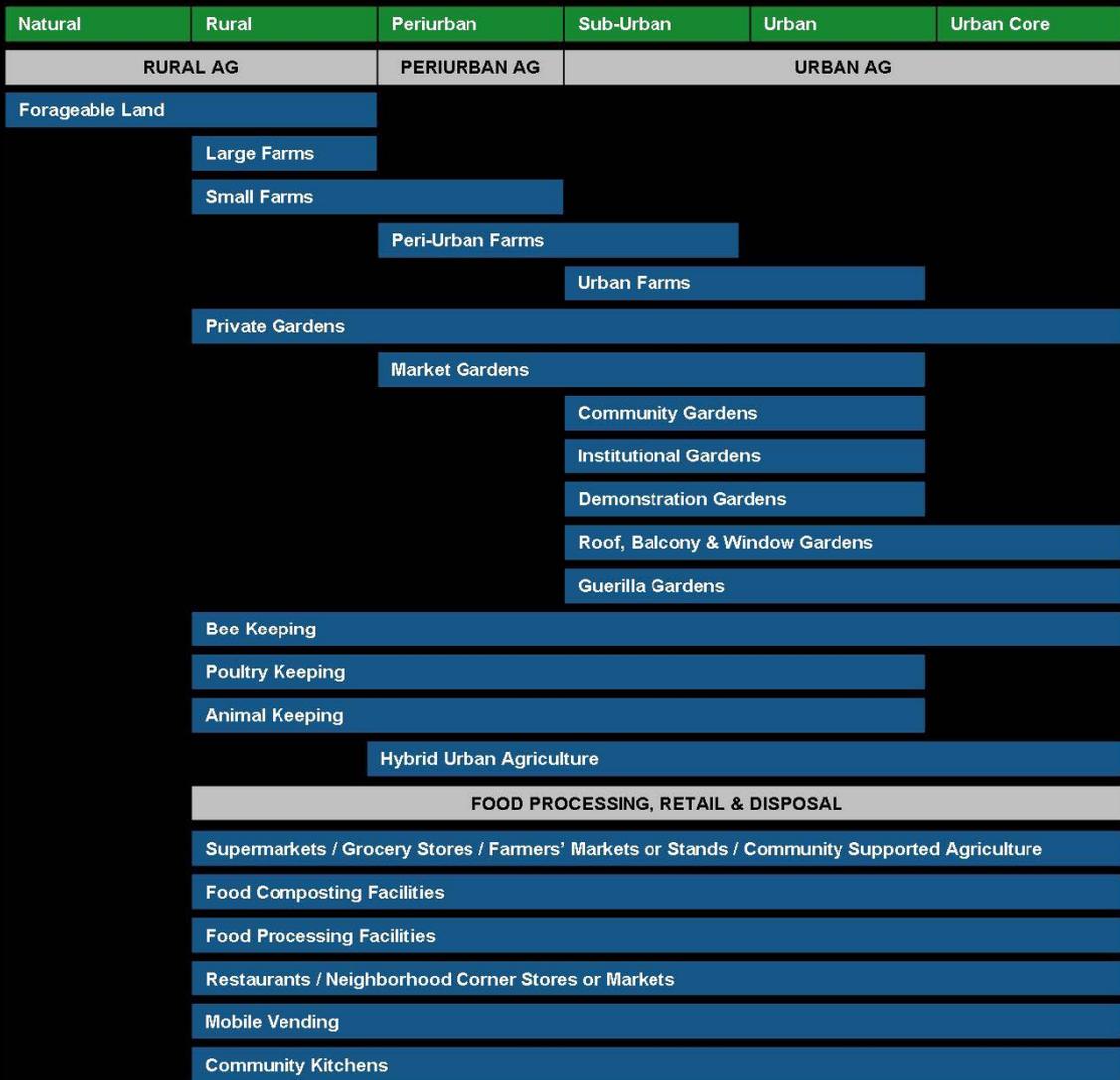
Planning Advisory Service
Report Number 363

Cities Studied

Baltimore, MD
Chicago, IL
Cleveland, OH
Kansas City, KS & MO)
Milwaukee, WI
Minneapolis, MN
New Orleans, LA
Philadelphia, PA
Seattle/King County, WA
Toronto, ON
Vancouver, BC



Rural-Urban Agriculture and Food System Continuum



Hodgson, Caton Campbell & Bailkey,
*Urban Agriculture: Growing Healthy,
 Sustainable Places* (Chicago: American
 Planning Association, forthcoming)

© American Planning Association

This diagram was created by Kimberley Hodgson and based on the rural-urban transect model created by Andres Duany.

Key Factors Affecting Urban Agriculture

Little Gov't Influence

Climate

Weather

Light

Insects & pests

Considerable Gov't Influence

Growing space

Healthy, uncontaminated soil & water

Labor

Financial & technical assistance

Agricultural skills & knowledge

Processing & transportation infrastructure

Distribution channels

Consumer demand



Critical Issue Areas Identified Across the U.S.

Land

- Availability of growing space
- Secure land tenure
- Size of parcel(s), location & siting
- Existing land use policies
(favorable or creating barriers)

Natural Resources

- Soil & water quality
- Compost
- Availability & access to water

Operations

- Scale, volume & access to market
- Human, financial & technical resources
- Entrepreneurial operations
(processing & added value)

Other

- Security & vandalism



Brownfields Issues – Generally

The Testing Dilemma

- Human health risks, liability, clean-up costs

Few cities have full-fledged reutilization programs

Local governments want to be confident in remediation measures taken

- Need more detailed, evidence-based guidance regarding reuse from USEPA
- Translation of evidence base into standards, recommendations, requirements at state & local government level
- No risk-based redevelopment standards for urban agriculture on brownfields

