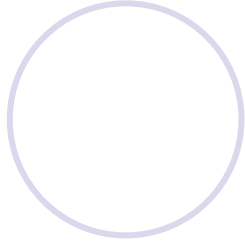
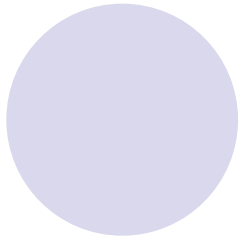


# Urban Agriculture as a Green and Social Tool

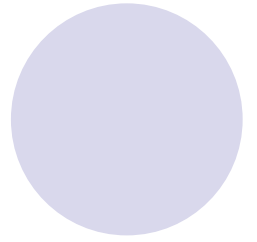
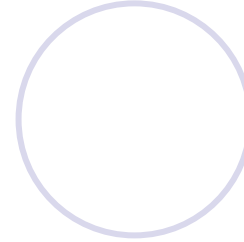
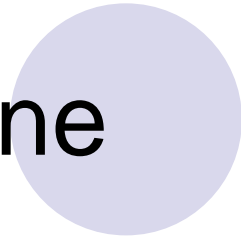
Matthew Lambach

Envs. 662-660

October 23, 2007



# Outline



- Definition
- Advantages
  - Food security
  - Increased Greenness
  - Reduction of Energy Use
- Challenges
  - Ownership
  - Start-up Cost
  - Market
  - Logistical
- Case Study in Philadelphia



# Definition

- The practice of agriculture within or near the surrounding boundaries of cities
- Less aware activities
  - Recreation and leisure
  - Economic vitality
  - Well being of city and citizens
  - Landscape beautification
  - Environmental Restoration

# Philadelphia and Urban Agriculture

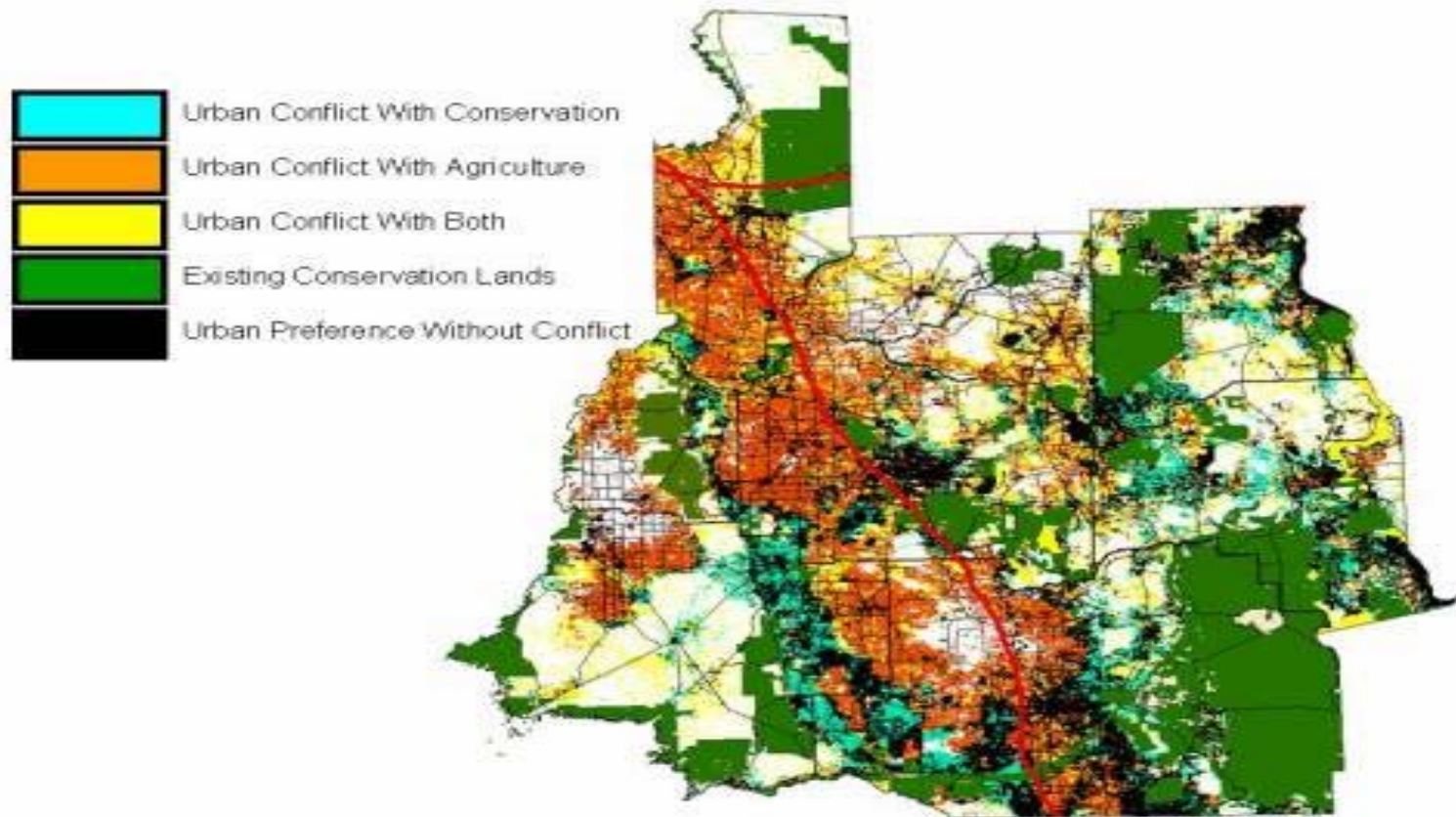


Figure 6: Areas of potential urban conflict and no potential urban conflict.

# Current Conditions in Philadelphia

- Approximately 31,000 vacant lots
  - Abandonment
  - Weak local economy
- Consumed vegetation traveling 1,500 to 2,500 miles
- Gap between PA farmers and Philadelphia

# Advantages of Urban Agriculture

- Food Security
- Increased Greenness
- Social Tool
- Everyone Can Get Involved
- Dr. Elkins in Coatesville



<http://www.buckrunfarm.com/doctor.html>

Smit, J., A. Ratta, and J. Nasr. "Urban Agriculture: Food, Jobs, and Sustainable Cities. United Nations Development Program. New York. 1996., 6  
Visit with Dr. Elkins, June, 2005

# Challenges of Urban Agriculture

- Ownership
  - Urban Planning
  - City Blight Program
- Start-up Cost
  - Donations
  - Grants
  - Community involvement
- Market
  - Campaigns
- Logistical
  - Eyes always watching



<http://www.hobby-greenhouse.com/12ftkit.jpg>

Smit, J., A. Ratta, and J. Nasr. "Urban Agriculture: Food, Jobs, and Sustainable Cities. United Nations Development Program. New York. 1996., 6

# Northern Liberties

- Once full of factories, breweries, and leather tanneries
- Abandoned and Polluted
- 1987 Superfund
- Transformation





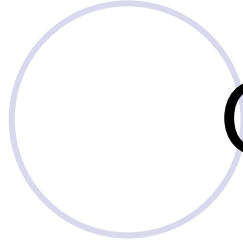
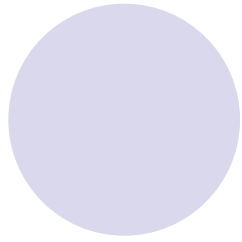
# Conclusion

- Need to reverse the conflict
- Involve the community and create a market will be keys to developing demand
- Successful program can green and be used as a social tool



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**Questions?**

