

The Natural Services Network Data: Supporting Natural Resource Based Transportation Planning

Northeast Summit on Transportation and Conservation Planning December 17-18, 2007

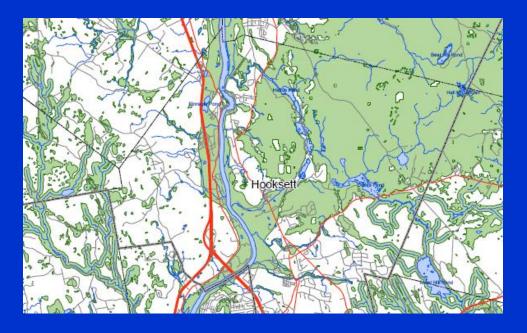
Carolyn Russell, AICP







The Natural Services Network





















Natural services are the benefits nature provides "free" to humans:

"fundamental life-support services without which human civilizations would cease to thrive." (Daily et al. 1997)



Natural Services Network



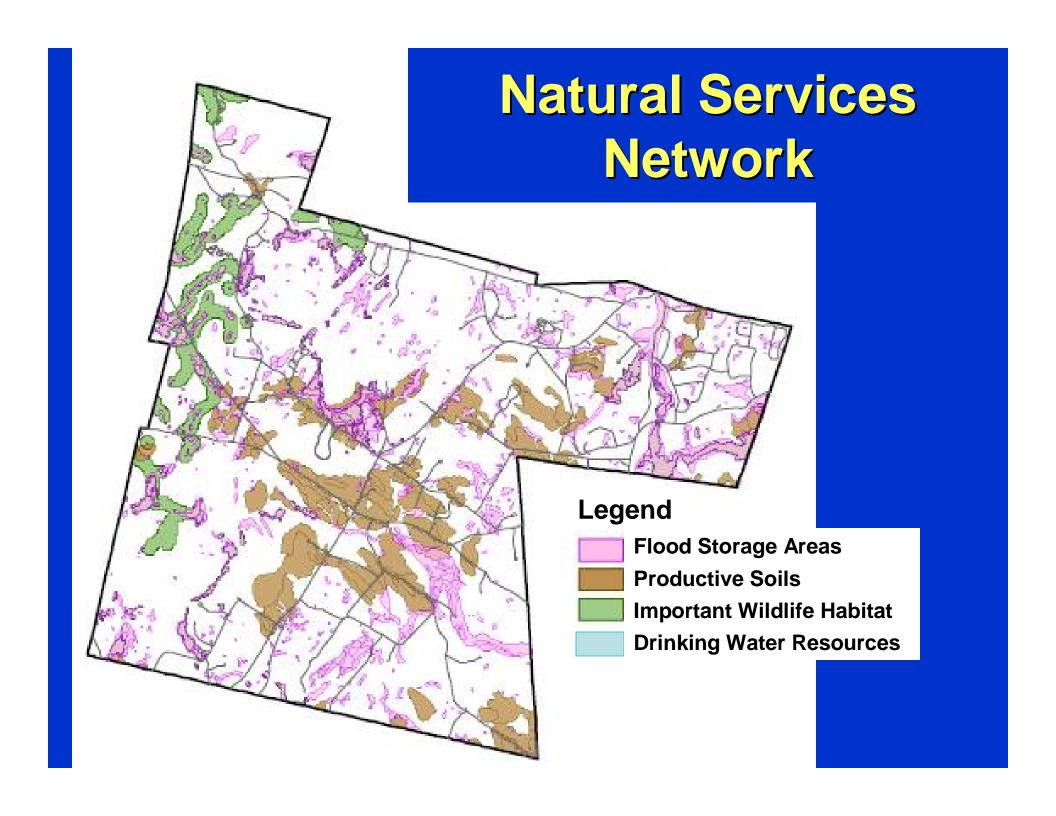


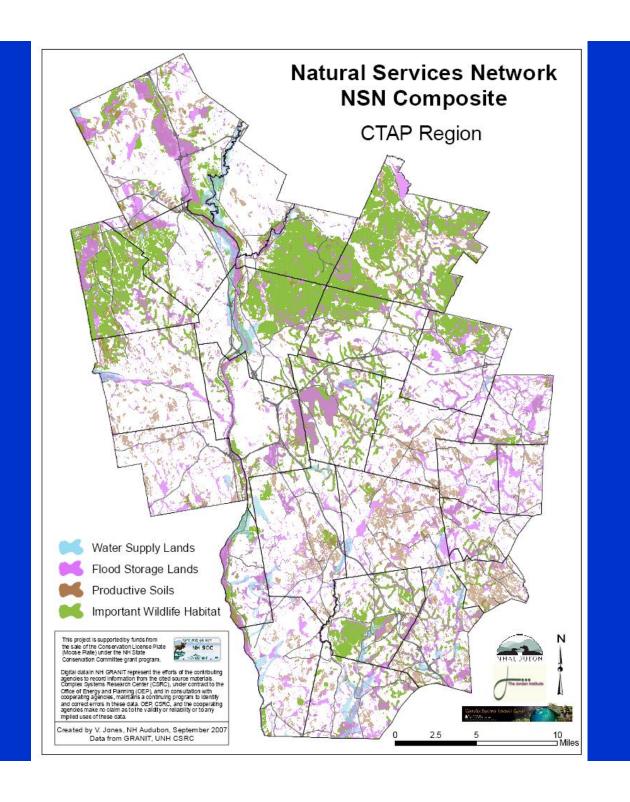
Water Supply
Flood Storage
Economically
Important Soils
Wildlife Habitat

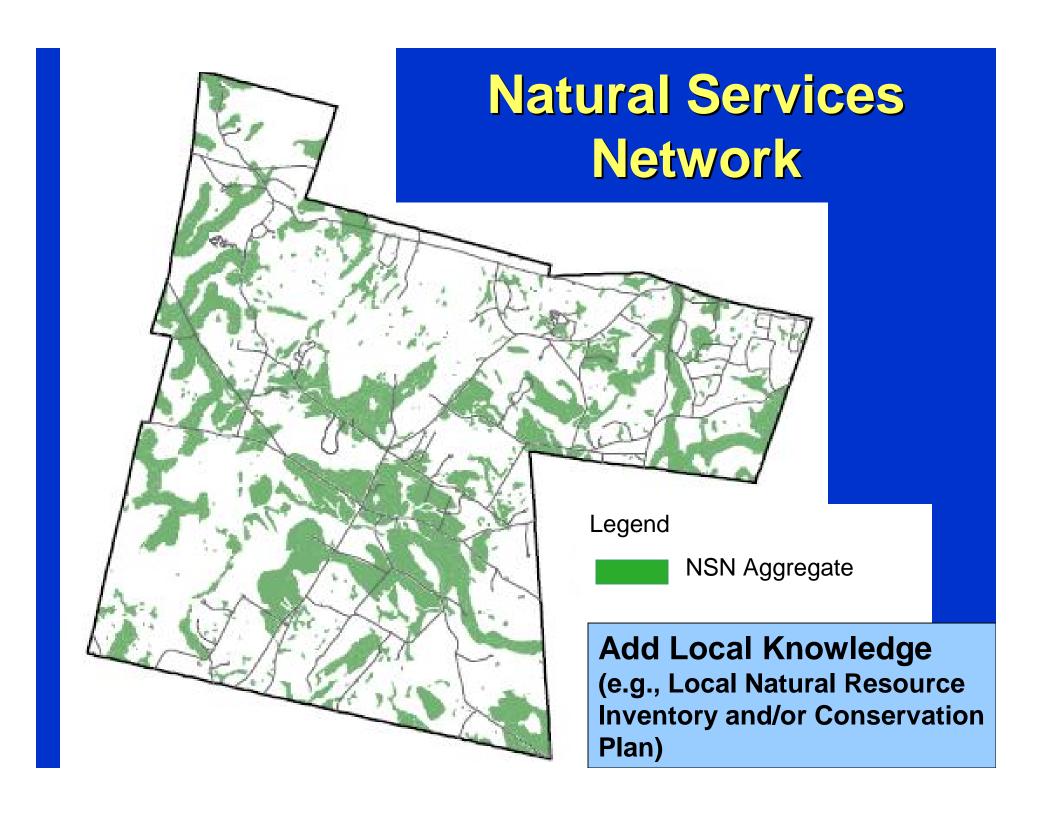




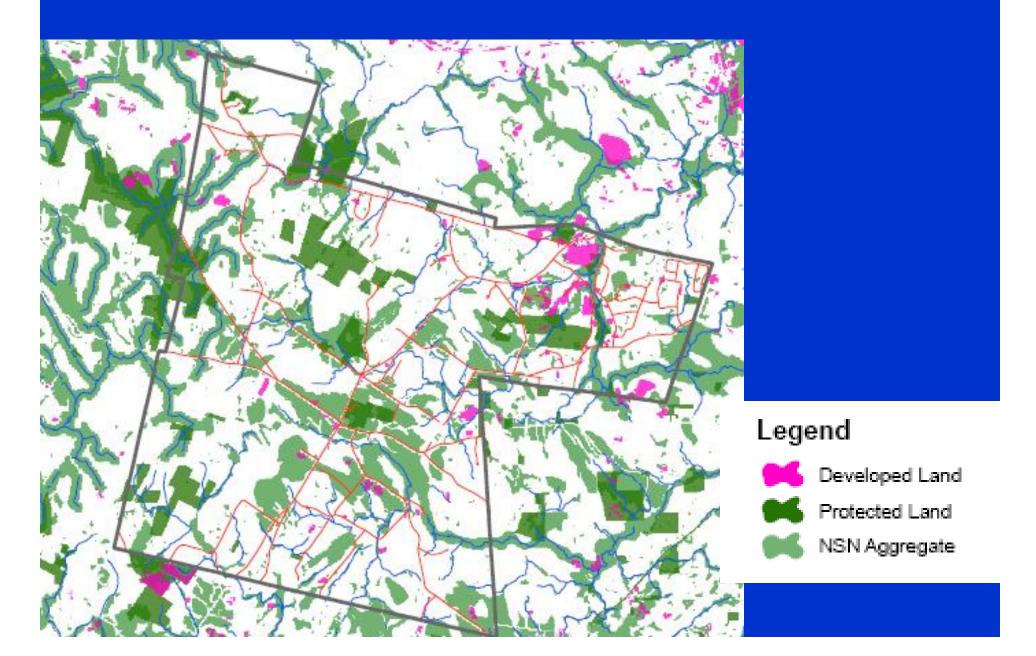
A compilation of existing data as a **STARTING POINT** for Natural Resource Based Planning







Natural Services Network - Status



Example Projects

Chocorua Village

Rt 16/Rt 25 Intersection

Route 2 Corridor Study (later)

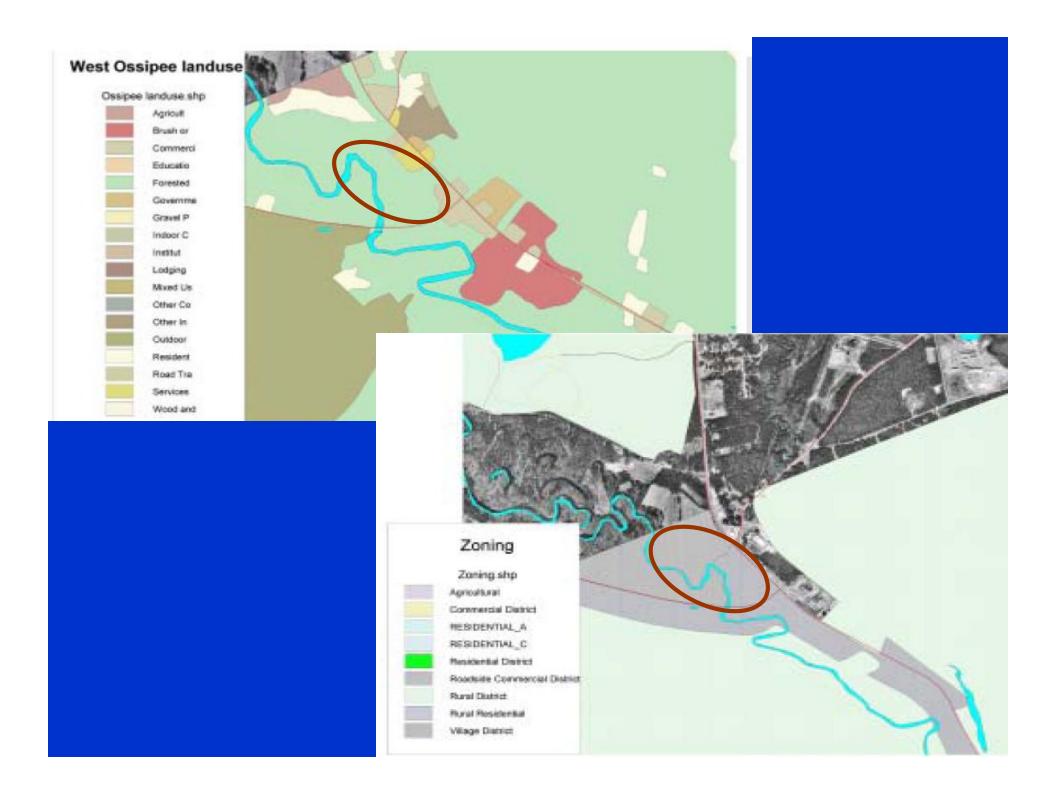


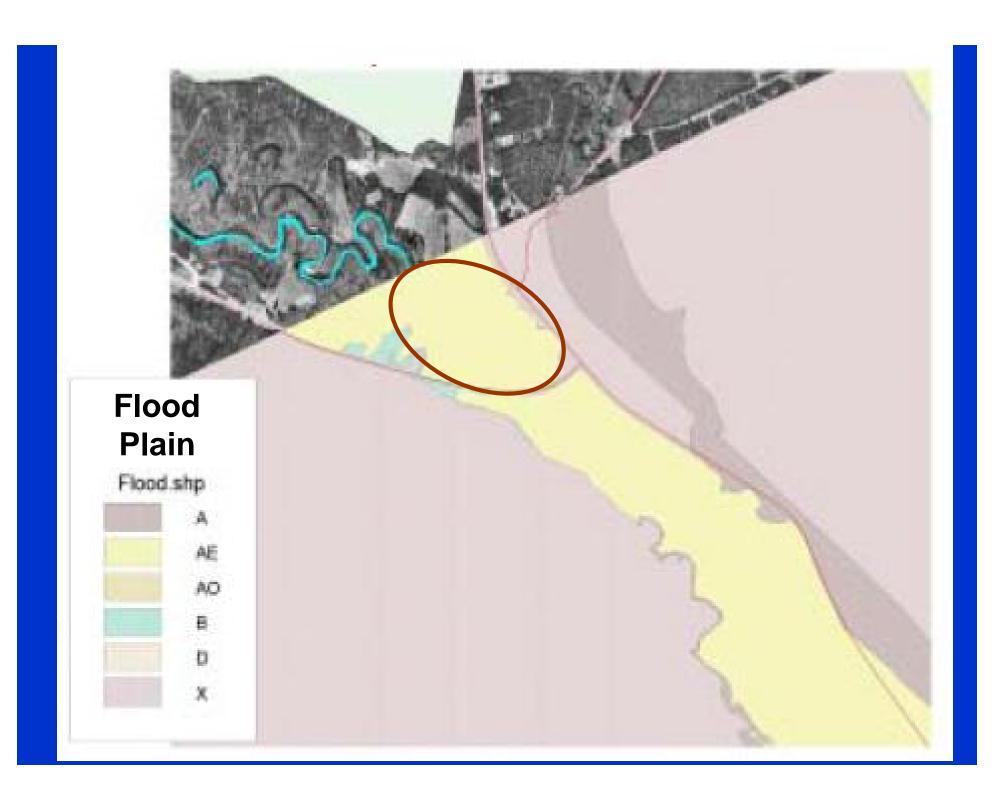


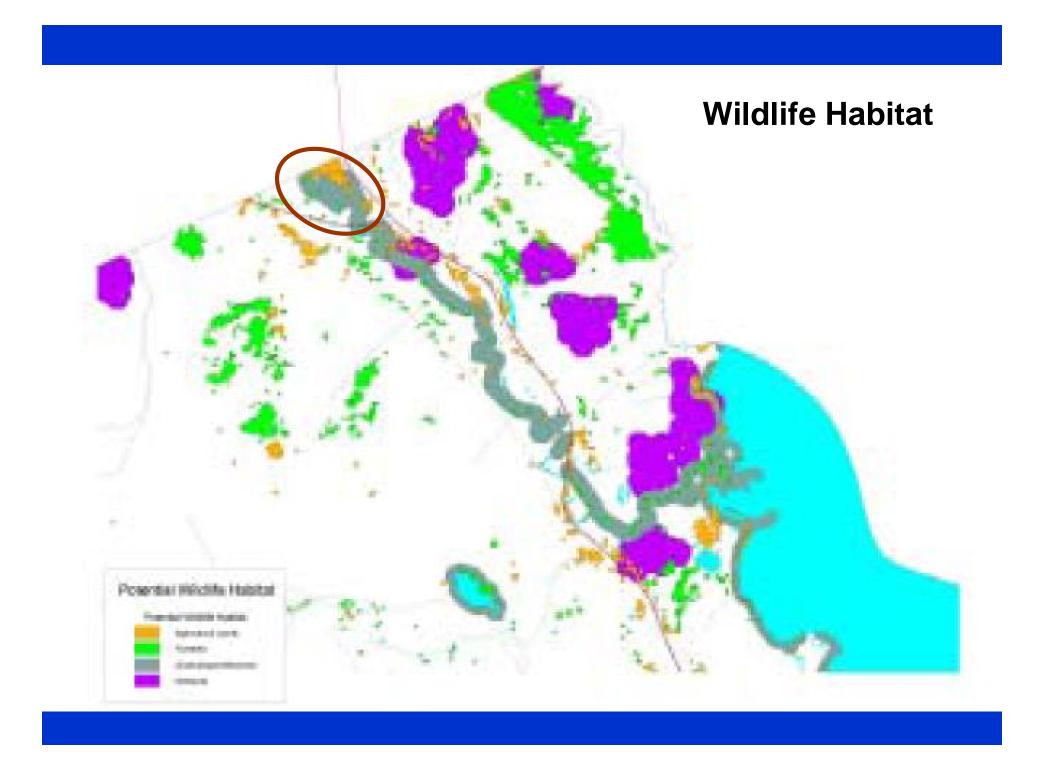


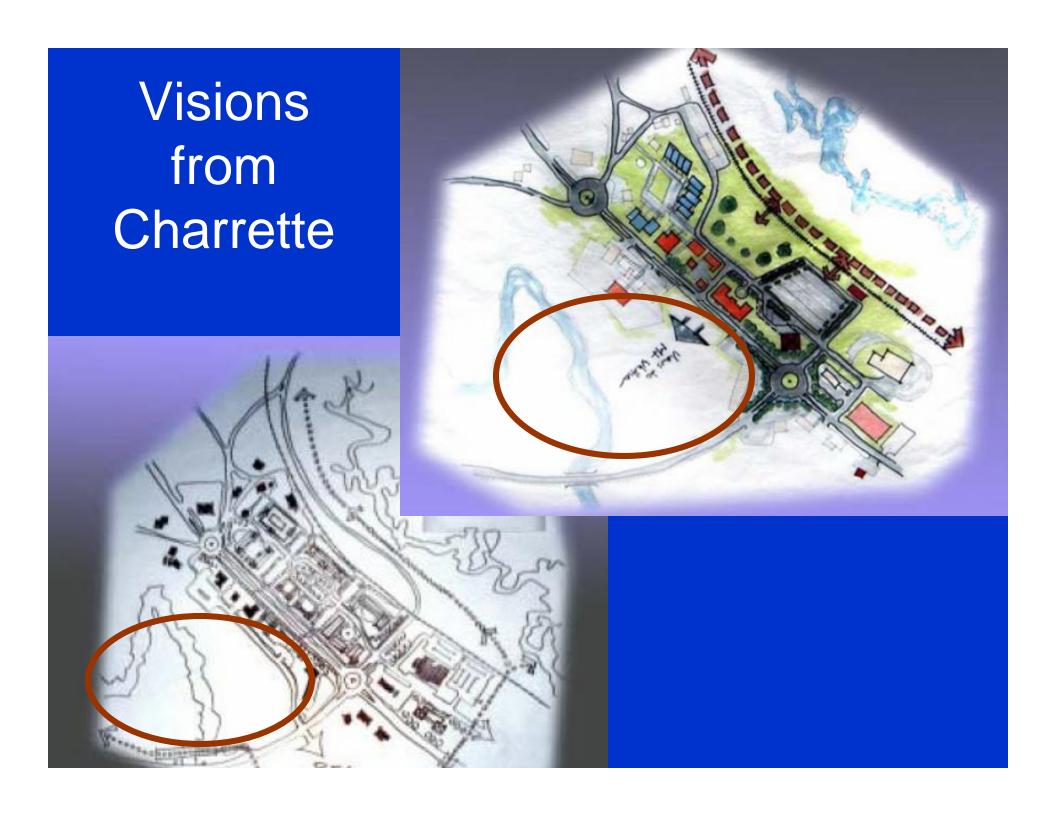
Route 16W & Route 25 Intersection Design Charrette January 2002



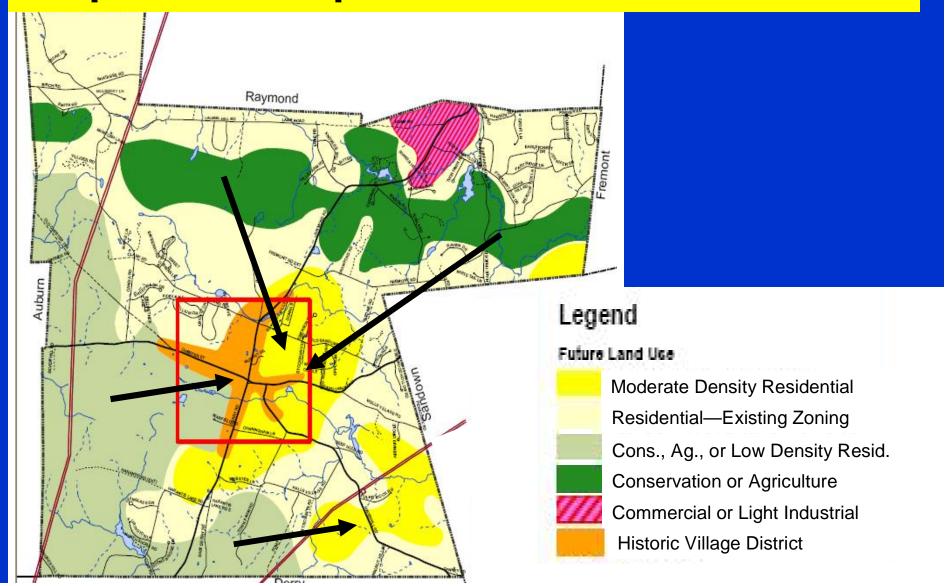








Recommended Planning and Zoning Tools Improve Transportation and Conservation



Village-Style and Nodal Development



"Respondents living in walkable neighborhoods were more likely to know their neighbors, participate politically, trust others, and be socially engaged."

American J. of Public Health 2003, Kevin Leyden, Ph.D.





Boggy Meadow, Walpole





Questions and Discussion

What worked?

What did we learn?

What are the opportunities?

What are the obstacles?