COMMUNITY RESILIENCE AND BIODIVERSITY PROTECTION ACT H.606

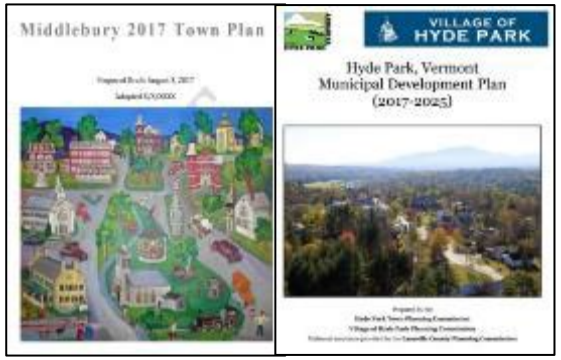
Jens Hilke – Conservation Planner
VT Fish & Wildlife Department

Community Wildlife Program

Presentations & Workshops

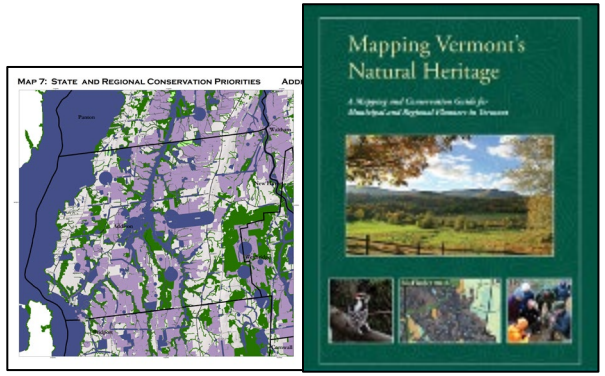
Support for Planning

Support for Conservation



Connecting Communities to Each Other

Understanding Ecological and Community Context

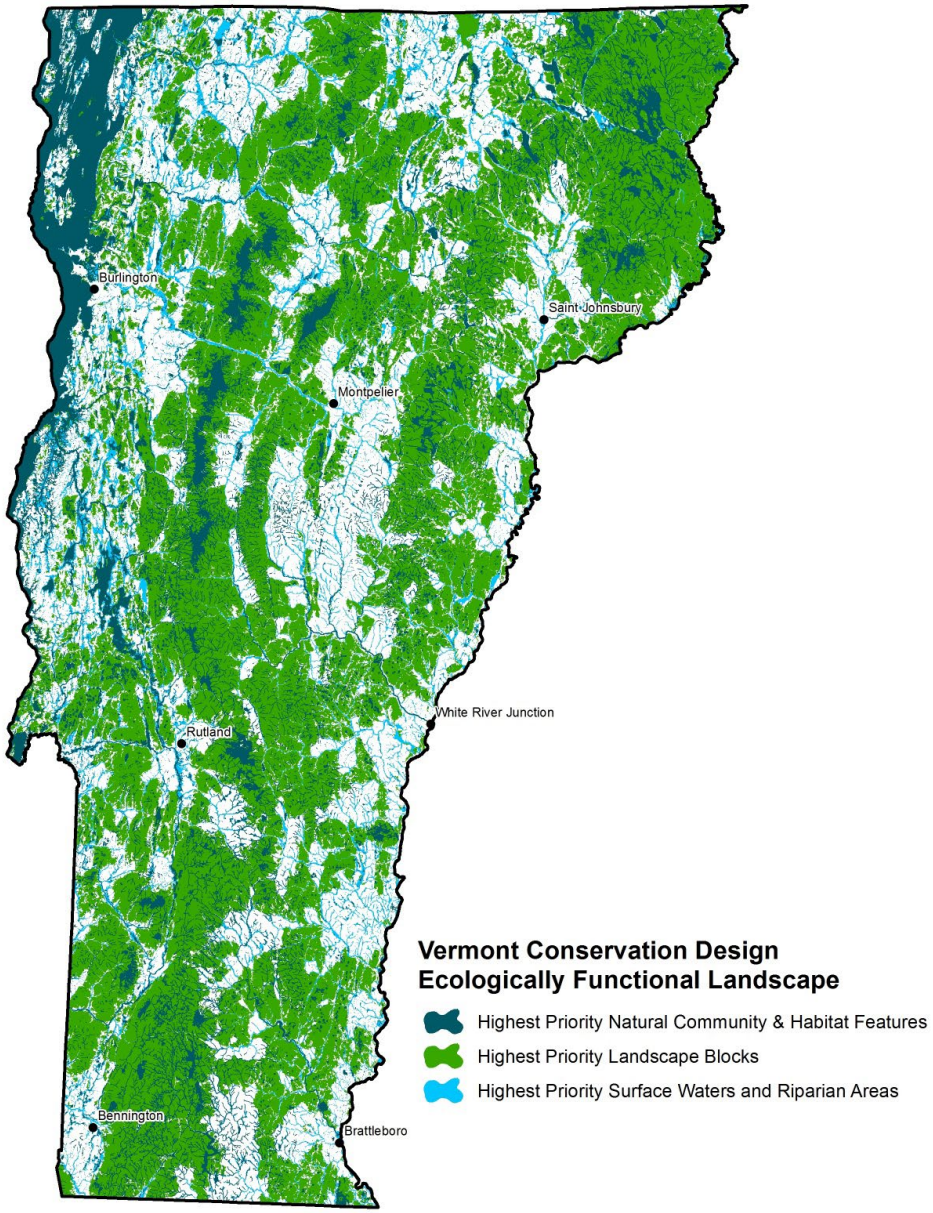


Creation/Interpretation of Resources

Vermont Conservation Design

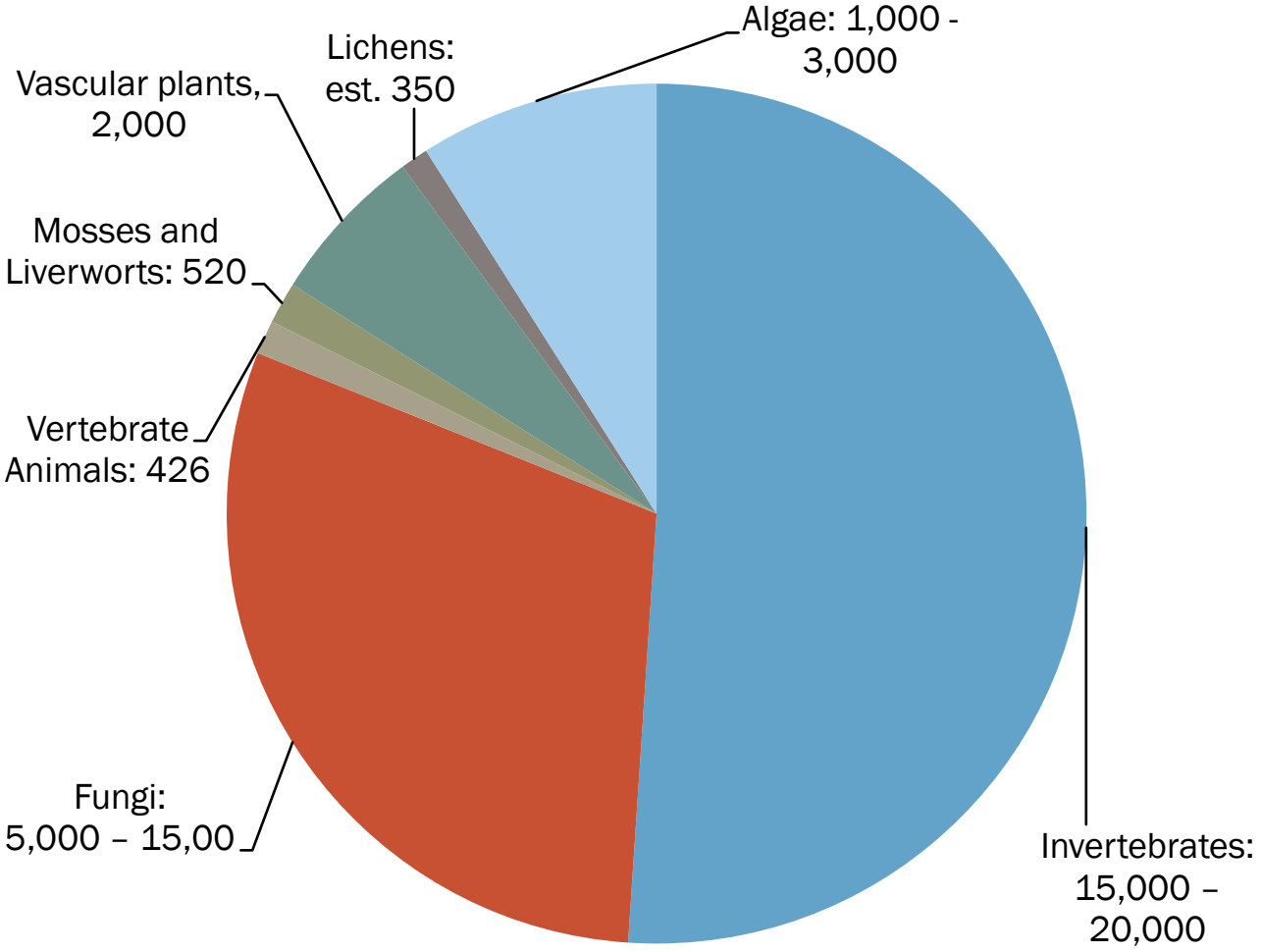
Intact
Connected
Diverse

https://anr.vermont.gov/maps/biofinder



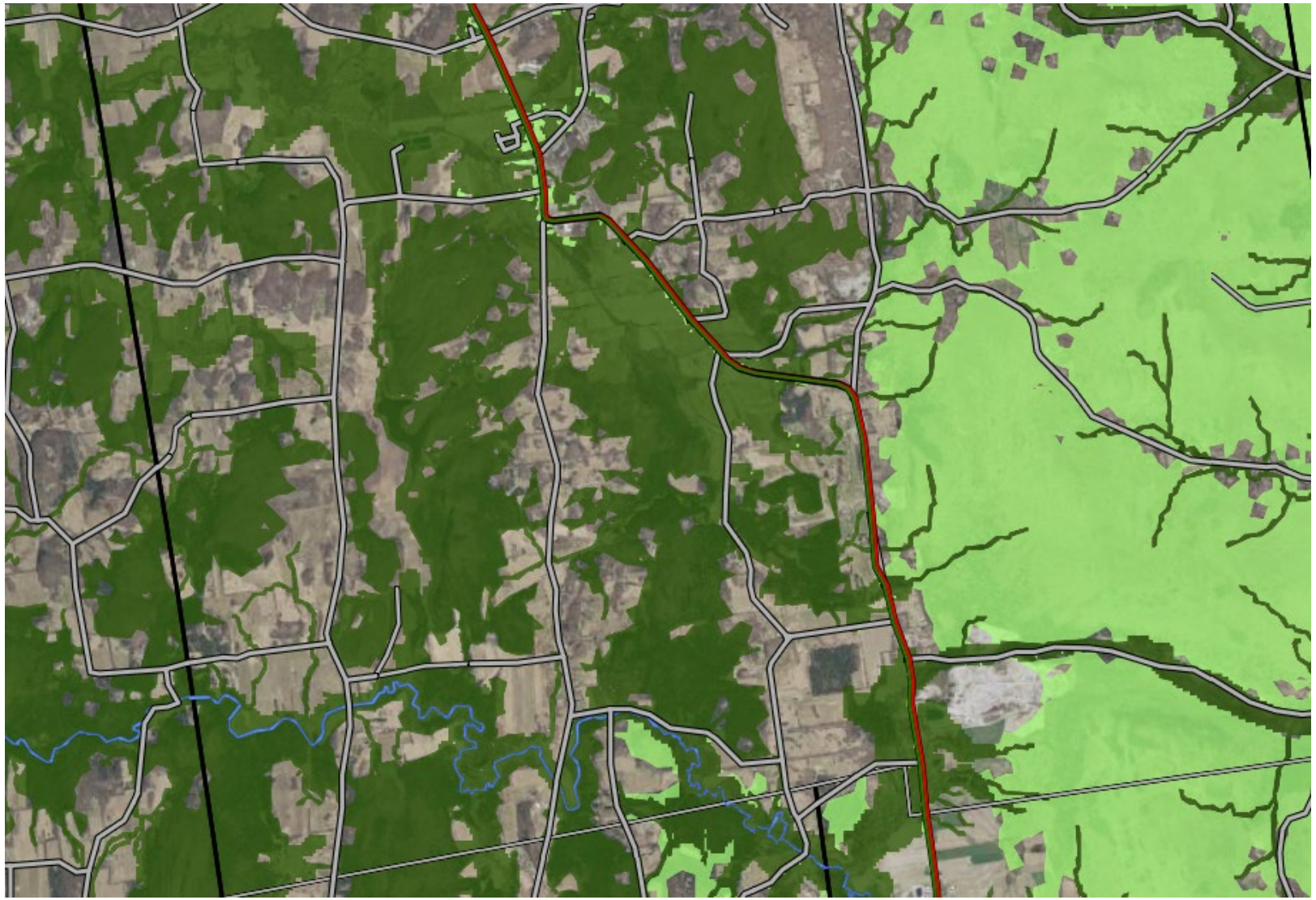
Why

- 24,000 – 43,000 species
- Most species we know little about
- Inefficient to work one by one



Vermont Biodiversity Project

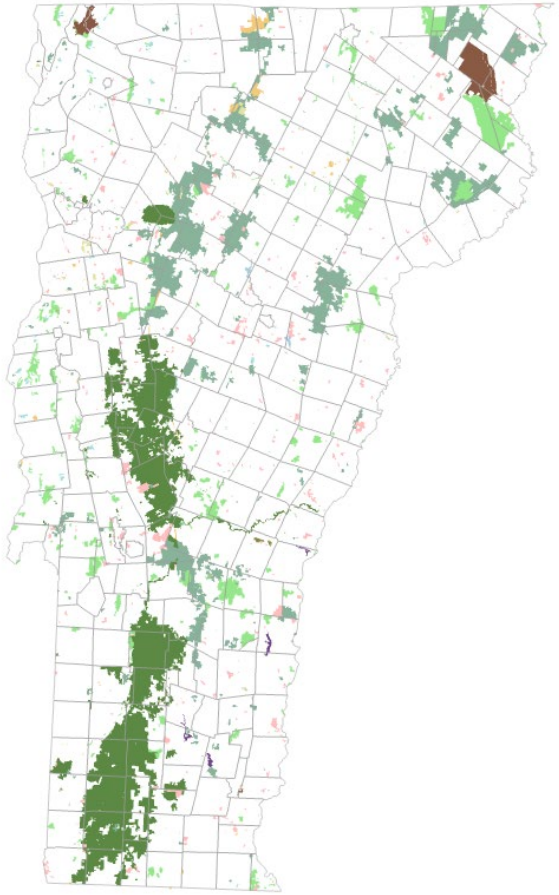
A shift to the Landscape Scale



IMPLEMENTING THE VISION OF VERMONT CONSERVATION DESIGN

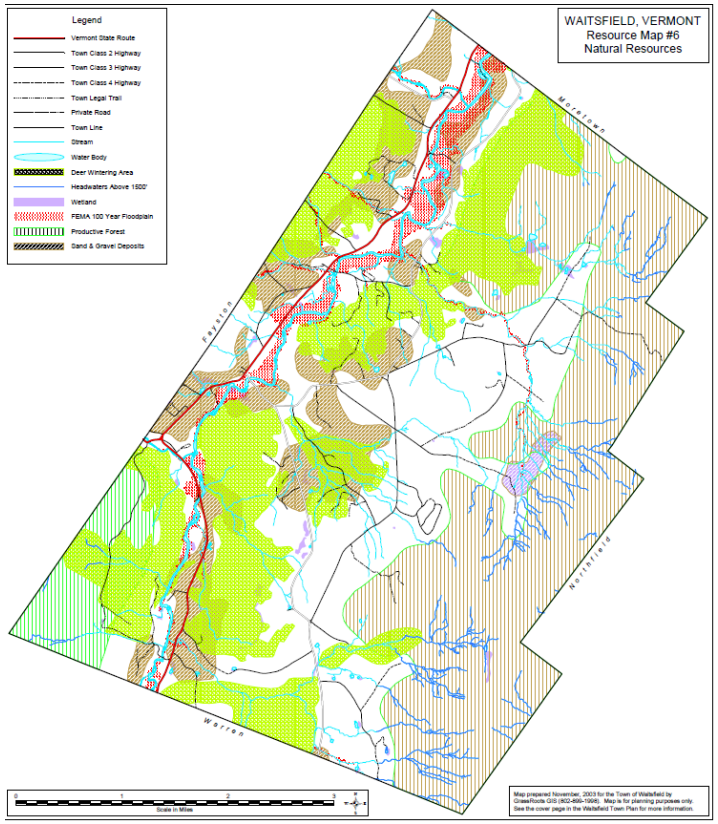
Land protection

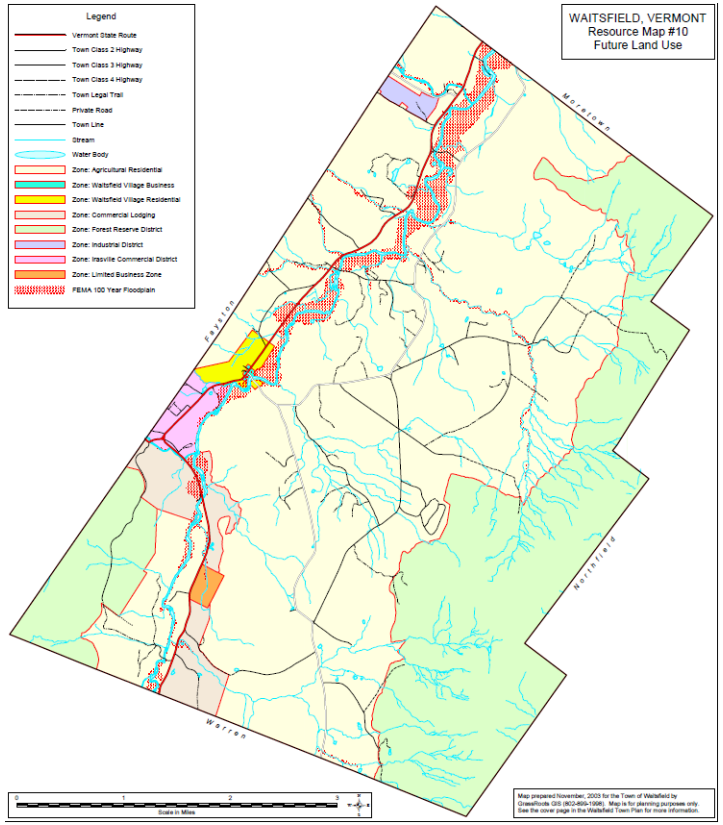
- State owned
- Federally owned
- Municipally owned and conserved land
- Conservation easements on private land

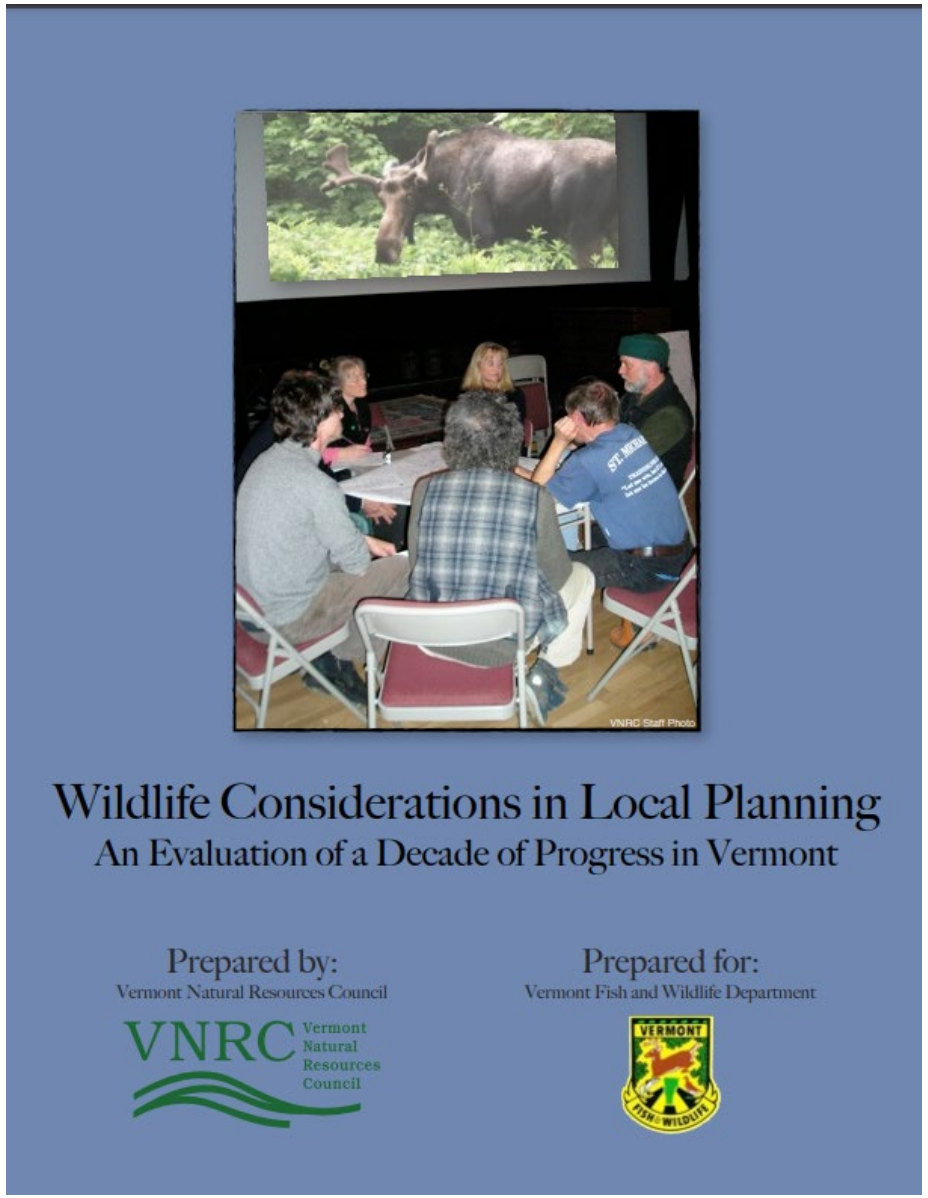


IMPLEMENTING THE VISION OF VERMONT CONSERVATION DESIGN

Land use Planning and local Regulation





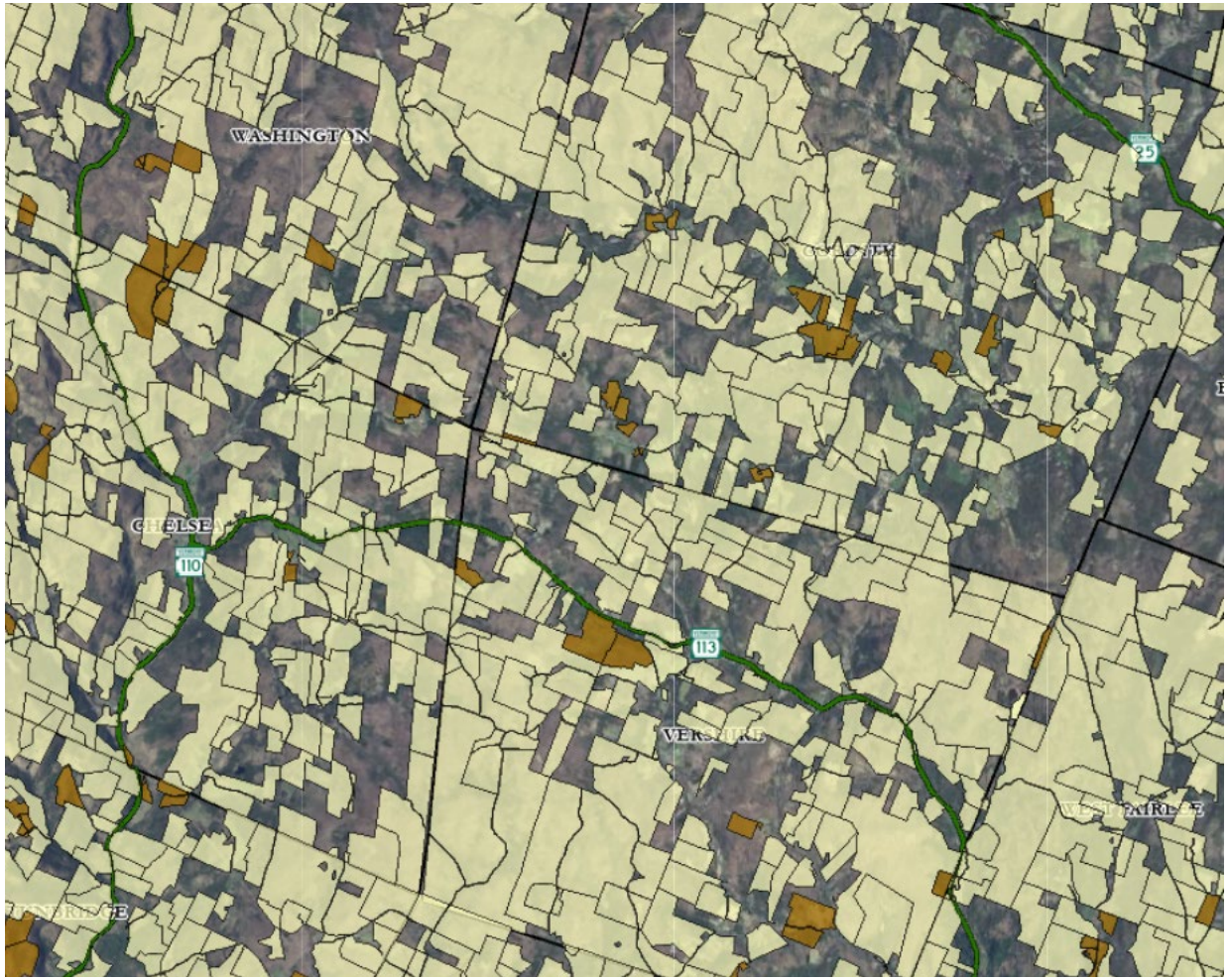


REVIEW OF TOWN PLANS, ZONING & BYLAWS.

- Every 10 years: 2000, 2011, 2021
- Complete Review of Town Plans, Zoning, and Subdivision Bylaws
- Sets direction for Dept.' and other partners' technical assistance

IMPLEMENTING THE VISION OF VERMONT CONSERVATION DESIGN

Land Management



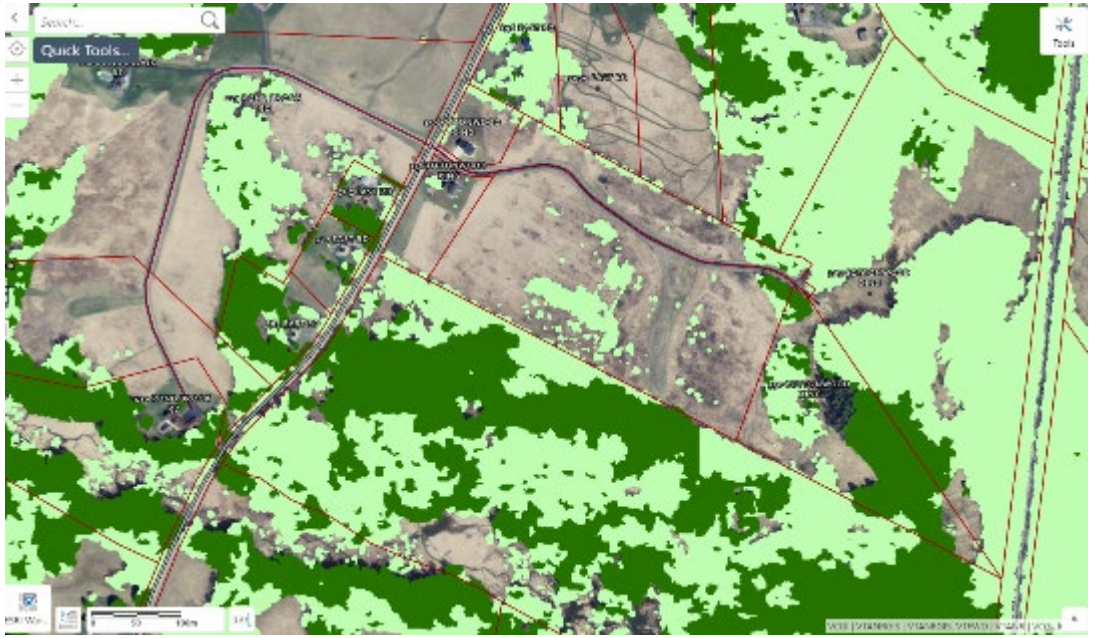
VERMONT CONSERVATION DESIGN UPDATE 2022-2023

- Revise Components of Vermont Conservation Design based on new, LiDar-derived Land Cover Data
- Curated Page on Open GeoData portal for all Vermont Conservation Design data
- Inclusion of Functional Floodplain data or approach
- Incorporate new data onto the BioFinder website

VERMONT CONSERVATION DESIGN UPDATE 2022-2023

- 2014 Habitat Blocks – 30mpixel

- 2016 LiDar-derived Forest Canopy 0.5m pixel



Thank You!

Jens.Hilke@Vermont.gov