

Parcel-based GIS Ecological Assessment Model

Ecological Resources

Bow, NH

Map Description:

This parcel-based GIS assessment model provides a sense of the relative ecological resources value for each parcel in Bow. It is one tool that helps the Bow Conservation Commission and other Town boards to identify conservation priorities. It also provides a basis from which the Town may proceed with conservation projects with willing landowners that are interested in protecting their property.

This assessment model ranks all parcels in the same manner. It is based on a point system that is cumulative, proving a final overall rank for each parcel. This affords the opportunity to directly compare one parcel with another. The assessment for each parcel included many attributes, including wildlife habitats, declining/vulnerable habitats, rare/unique forest communities, regional conservation plans, size of the property, fragmentation, proximity to conserved lands, and rare species.

Data Sources:

- Political Boundaries, downloaded from NH GRANIT
- Conservation Lands, downloaded from NH GRANIT, edited by Moosewood
- Surface Water (NHD), downloaded from NH GRANIT, edited by Moosewood
- Streams, downloaded from NH GRANIT
- Roads from NH DOT, downloaded from NH GRANIT

Legend

