

Request for Proposals
Natural Resources Inventory
Town of Deerfield, NH

I. PROJECT GOAL

The Town of Deerfield Conservation Commission invites qualified natural resource professionals experienced in the preparation of natural resource inventories with relevancy in data collection, fieldwork, mapping, scientific writing, and public engagement to submit proposals to develop a resource inventory for the town of Deerfield, New Hampshire. This document will provide the foundation for comprehensive land-use and conservation planning and will allow for natural resource information to be included in local planning and zoning.

II. MAJOR TASKS

- a. Map and describe current resources**
- b. Identify resource-rich focus areas**
- c. Develop data/map layers to include, but not be limited to:**
 - Geology and soils
 - Bedrock and surficial geology
 - Soils
 - Slope
 - Water resources
 - Groundwater and aquifers
 - Watersheds
 - Streams and water bodies
 - Floodplains
 - Wetlands
 - Potential and known contaminated sites
 - Wildlife habitats
 - Significant biodiversity areas
 - Stream and riparian habitat
 - Wetland habitat
 - Forests
 - Grasslands and shrublands
 - Rare plant and animal species
 - Wildlife corridors
 - Unfragmented blocks
 - Land use
 - Zoning and tax maps
 - Land use and land cover
 - Conservation and public lands
 - Farmlands
 - Recreation and scenic resources

- d. Identify areas of concern and recommendations for climate resiliency and adaptation
- e. Provide a written analysis of existing natural resources and written recommendations for consideration by town officials

Deliverables for the project are:

- Written report
- Maps prepared in both digital and hard-copy format using ArcGIS or similar software and using the best available digital orthophotography or mapping as base maps. Documentation of the data source, standards, and scale used for the inventoried resources will be included in metadata descriptions.
- Data layers delivered in ESRI.shp file format.

III. RFP SUBMISSION PROCEDURE

a. Procedure

Any questions or requests for additional information regarding this RFP may be sent to serita.frey@gmail.com with the subject line: **Town of Deerfield RFP Question.**

An electronic copy of the proposal should be sent to serita.frey@gmail.com by 5 pm on Friday Dec. 1, 2023, with subject line: **Town of Deerfield NRI Proposal.**

b. Required materials

- Cover page
- Executive summary
- Project approach
- Consultant experience
- Sample work product(s)
- Professional references (3)
- Fee schedule
- Project timeline
- Additional information
- Disclosure statement