



NExUS Needs Assessments Sun Apr 22 02:25:48 EDT 2018

<b>Need</b>	A GIS compatible climate tool for ecological managers and researchers
<b>Description</b>	A tool that puts spatially referenced point data into climate grid data, downscales current climate data, and is GIS compatible; might incorporate climate model data with empirical data from monitoring stations.
<b>Type</b>	<ul style="list-style-type: none"> <li>- PRODUCTS: Projections (intra-annual to multi-decadal, including SLR and model down-scaling)</li> <li>- PRODUCTS: Maps (Imagery, geo-referenced data)</li> <li>- PRODUCTS: Viewers and Web-based Tools</li> </ul>
<b>Focus Area</b>	<ul style="list-style-type: none"> <li>- Climate Impacts on Water Resources</li> <li>- Changes in Extremes of Weather and Climate</li> <li>- Conservation/ Restoration of Sensitive Species and Habitats</li> </ul>
<b>Discipline</b>	<ul style="list-style-type: none"> <li>- Physical Science</li> <li>- Ecological and Biological</li> </ul>
<b>Sector</b>	<ul style="list-style-type: none"> <li>- Managed Ecosystems</li> <li>- Natural Ecosystems</li> <li>- Biota</li> </ul>
<b>Region</b>	- Regional Or State -- New England -- Mid-Atlantic
<b>Source</b>	Multiple