



NExUS Needs Assessments Sat Nov 17 16:36:40 EST 2018

Need	Develop a sustainable, state-of-the-art observational network for flood monitoring; tool kits for data collection and submission by interest groups; a data inventory.
Description	<p>Additional needs cited in this report:</p> <ul style="list-style-type: none"> <li>- Evaluate feasibility of data sharing among data collection organizations</li> <li>- Develop a data management and transmission portal concept and pilot project.</li> <li>- Improve flood warning dissemination through the use of technology.</li> <li>- Increase public awareness, support, and use of flood forecasting products.</li> <li>- Enhance overall governance and funding for flood forecasting, management, and damage recovery.</li> </ul>
Type	<ul style="list-style-type: none"> <li>- DATA: In situ Observations</li> <li>- PRODUCTS: Engagement</li> <li>- PRODUCTS: Management Guidance (i.e. structured decision making)</li> </ul>
Focus Area	<ul style="list-style-type: none"> <li>- Coasts and Climate Resilience (including sea-level rise)</li> <li>- Changes in Extremes of Weather and Climate</li> </ul>
Discipline	<ul style="list-style-type: none"> <li>- Physical Science</li> <li>- Climate Society Interactions</li> </ul>
Sector	<ul style="list-style-type: none"> <li>- Public Health and Safety</li> <li>- Infrastructure</li> </ul>
Source	Real-Time Assessment and Monitoring of Inland and Coastal Flooding Events for Atlantic Canada (March 2012)
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