



NExUS Needs Assessments Sat Feb 16 00:20:06 EST 2019

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| 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"> - Evaluate feasibility of data sharing among data collection organizations - Develop a data management and transmission portal concept and pilot project. - Improve flood warning dissemination through the use of technology. - Increase public awareness, support, and use of flood forecasting products. - Enhance overall governance and funding for flood forecasting, management, and damage recovery. |
| Type | <ul style="list-style-type: none"> - DATA: In situ Observations - PRODUCTS: Engagement - PRODUCTS: Management Guidance (i.e. structured decision making) |
| Focus Area | <ul style="list-style-type: none"> - Coasts and Climate Resilience (including sea-level rise) - Changes in Extremes of Weather and Climate |
| Discipline | <ul style="list-style-type: none"> - Physical Science - Climate Society Interactions |
| Sector | <ul style="list-style-type: none"> - Public Health and Safety - Infrastructure |
| Source | Real-Time Assessment and Monitoring of Inland and Coastal Flooding Events for Atlantic Canada (March 2012) |
| Lead Agencies | Atlantic Climate Adaptation Solutions Association New Brunswick Department of the Environment, Climate Change Secretariat |
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