

Atlantic DataStream

An open-access hub for sharing water data.



Why Atlantic DataStream?

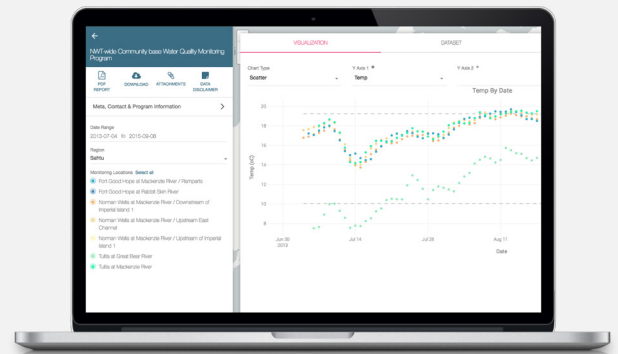
Governments, academics and community organizations are gathering important information about local watersheds – but too often they're using that data in ways that make collaboration difficult and expensive.

DataStream helps you access, store and share data from watersheds across Atlantic Canada. It's bringing information about local rivers, lakes and wetlands together in one easy place.

What is Atlantic DataStream?

Atlantic DataStream is an open-access, online platform for sharing information about freshwater health. There's no software to install. DataStream's always free and doesn't require passwords.

Users can access, visualize and download full water quality datasets collected across Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland and Labrador.



How it works



Communities, governments and researchers collect water quality data through diverse monitoring initiatives.



DataStream is an open-data platform for organizing, storing, and visualizing the data that people want to share.



By bringing this data together in one place, we can get a clearer picture of watershed health from the local to regional scale.

The DataStream Partnership

DataStream is a collaborative initiative led by The Gordon Foundation in partnership with regional monitoring networks. Atlantic DataStream is coordinated locally by the Atlantic Water Network (AWN).

DataStream was first piloted in the Mackenzie Basin through a unique collaboration between The Gordon Foundation and the Government of the Northwest Territories, DataStream's founding partner. Its success throughout the Mackenzie Basin has allowed this model to be expanded to Atlantic Canada.

Better Data Means Better Decisions

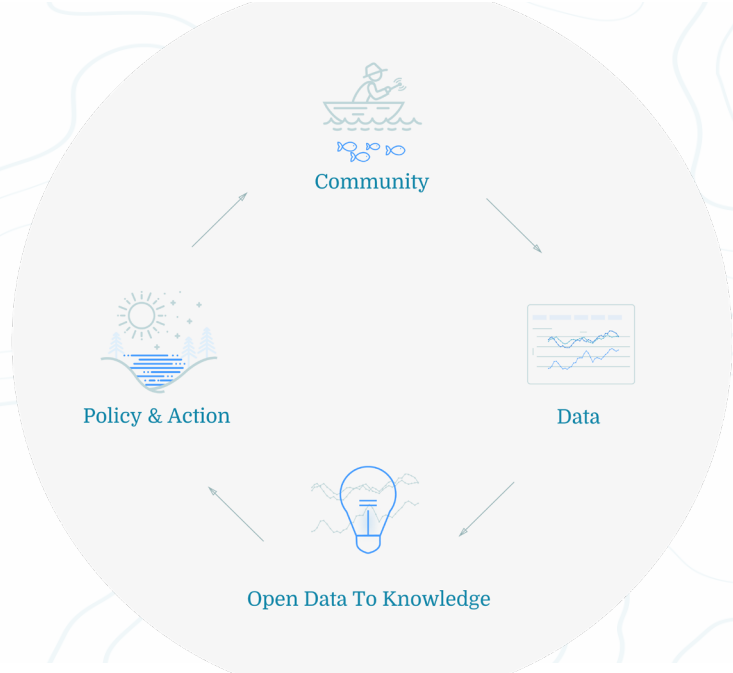
Communities can help drive the data-to-policy cycle and Atlantic DataStream is designed to support this.

Communities are connected to their waters and best-placed to see changes as they happen.

DataStream provides a place to store, share, and compare water monitoring data across watersheds.

Open data advances scientific knowledge, supports collaboration, and fuels innovation.

Knowledge can be translated into **action** to protect the health of watersheds on which we all depend.



Our Approach

Collaboration

DataStream is much more than software. It is a space connecting people to data. DataStream is built with and for a growing community of water champions. Together we can better protect our watersheds.

Sustainability

Caring for our waters requires long-term thinking. That's why we are committed to ensuring DataStream is sustainable over time, providing a safe and secure home for water quality data.

Accessibility

DataStream is open-access, meaning it's free and open for anyone to use. There are no restrictive license agreements or expensive paywalls. Data is stored in standard formats and includes open-data licenses.

Interoperability

DataStream aligns with international standards for the exchange of water quality data. This enables software and complementary systems to work together (inter-operate).

www.AtlanticDataStream.ca

If you are responsible for collecting data and are interested in using this platform to manage and share your results, we would love to hear from you. Or, if you simply want to find out more about DataStream, contact DataStream@gordonfn.org.



Thanks to our generous Atlantic DataStream Kickoff contributors:



Environment and Climate Change Canada

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