

ON LINE AT SLGO.CA

Biodiversity

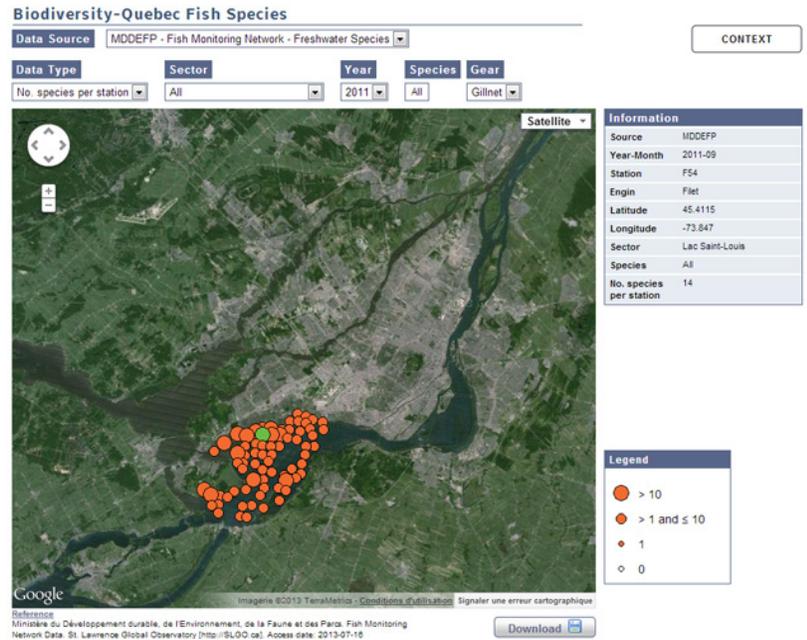
A collaboration with the *Ministère du Développement durable, de l'Environnement, de la Faune et des Parcs (MDDEFP)* and the *Université du Québec à Trois-Rivières (UQTR)* has led to the creation of a new interactive application now available on the SLGO.ca portal.

This joint project with Marc Mingelbier and Philippe Brodeur, from MDDEFP (Wildlife Sector) and Pierre Magnan from UQTR, initiated the development of this new interactive mapping application called "Biodiversity". This application allows users to find information on hundreds of species of fish inhabiting the St. Lawrence. Thus, we can consult and visualize data from various research cruises and monitoring programs, including the "Fish Monitoring Network" (MDDEFP) and "Lampsilis" (MDDEFP-UQTR), which were the first databases to be integrated to the tool. These two databases, along with the integration of the research surveys and the "sentinel fisheries program" data from Fisheries and Oceans Canada, allow to respectively cover different sections of the St. Lawrence: the River, the Lower Estuary and the Gulf.

This application is a good example proving that integrated projects can enhance the data collected by the various stakeholders and may lead to the development of new research projects on these fundamentals data. The application also allows a better integrated management of the St. Lawrence.

Although the application only shows fish species for the moment, it was designed to disseminate data of other species. With the possible upcoming new data sources, we could find turtles, seaweed, sea birds, as well as marine mammals. These databases on the St. Lawrence can come from any data producer, whether the organization is governmental or not.

<http://slgo.ca/bio>



Feel free to contact us to submit a complementary data dissemination project for the "Biodiversity" application.

New application for a wide audience

Online on June 26th, 2013, "Info St. Lawrence" includes heritage character information on the St. Lawrence's River in an interactive map. Providing geo-referenced information specific to the St. Lawrence, this card allows users such as maritime heritage amateurs, tourists, boaters and mariners to obtain a lot of information in a single interface. The application "Info St. Lawrence" was developed to be enhanced over the years by increasing the amount of information and the covered territory.

<http://slgo.ca/infosl>

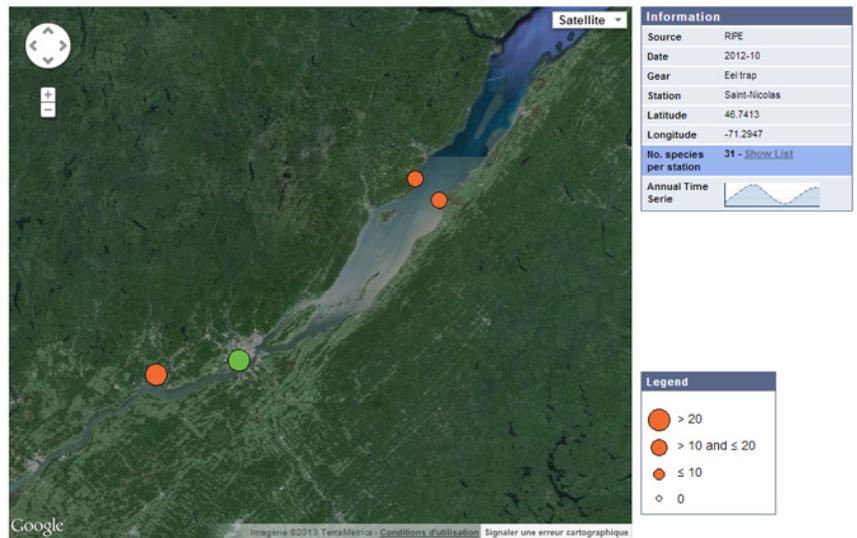


Réseau d'inventaire des poissons de l'estuaire (RIPE)

The "Biodiversity – Quebec fish" species application includes, since July 2013, the inventory data carried in the *Réseau d'inventaire des poissons de l'estuaire (RIPE)*, an initiative born of a federal-provincial agreement from the St. Lawrence Action Plan. Since 2009, to the rhythm of the tides, the RIPE has inventoried hundreds of thousands of fish with four eel traps distributed in the river and the upper estuary.

This new data source allows users to access data on the relative abundance and the number of species per station. In addition, it is possible to generate graphs, including annual time series, which provides a quick overview of data variation for the selected year.

The integration of this new data source to the "Biodiversity" application has allowed SLGO to complete the lack of information, regarding fish species, which existed between the River section and the Lower Estuary of the St. Lawrence. Thus, it is now possible to have an overview of fish species inhabiting the St. Lawrence from Montreal to the Newfoundland.



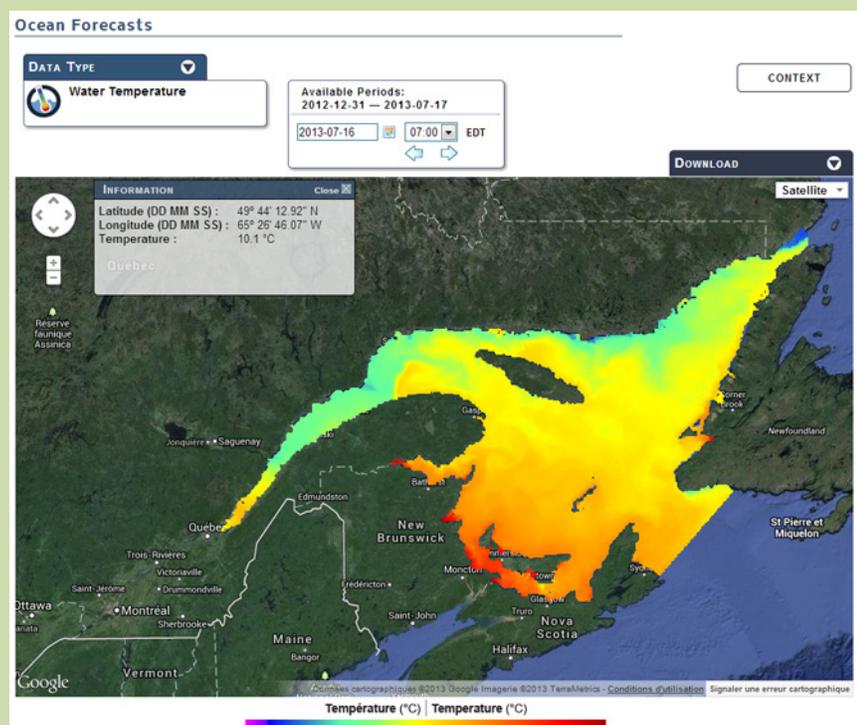
➤ This new impressive database is now available at:
<http://slgo.ca/bio>

New: Sea surface temperatures data

With the collaboration of Denis Lefaivre, research scientist at Fisheries and Oceans Canada, SLGO adds a new database to the "Ocean Forecast" application: the sea surface temperature. This interactive map, allowing users to obtain data on currents, water levels and ice, for the entire River, Estuary and Gulf of St. Lawrence, now contains forecasting data of the sea surface temperature for the next 48 hours.

Just like the other data sources for this application, the user can get the desired information by clicking on the map at the desired latitude and longitude.

➤ <http://slgo.ca/ocean>





REMINDER

"Navigation" Application

The "Navigation" application, launched in May 2012, has had a successful response from SLGO users. Since its integration into SLGO.ca portal, it has been visited 13,200 times. This application offers an integrated data access to observations, forecasts, tides and marine traffic, which is useful to browsers, boaters and mariners. Easy to use, this application now includes a tab that serves as a shortcut to the "Info St. Lawrence" interactive map which also contains relevant information to interested browsers.



➔ <http://slgo.ca/navigation>

ABOUT THE ORGANISATION

News from the SLGO team

In February 2013, Joanne Hamel left for a well-deserved retirement. Present since the beginning of the SLGO, she managed to develop this project and bring it to a level of quality recognized by others. Thank you Joanne!

To replace Joanne, Claude Tremblay joined the SLGO in April as a project manager. In 2001, he completed a bachelor's degree in marine science at the "Université du Quebec à Rimouski". Over the last twenty years, his interest for the St. Lawrence led him to various jobs, allowing him to discover different aspects of the St. Lawrence.



Beginning as a crew member on Oceanex commercial ships between Montreal and St. John's (NL), Claude then started a career at Fisheries and Oceans Canada. There, he served as a crew member on scientific research vessels and search and rescue vessels. He then worked as an ecotoxicology technician, a marine fisheries technician, an analyst and a team leader at the fish habitat

management branch. He also served as project manager for public education on fish habitat in partnership with provincial and federal departments, as well as environmental NGOs.

Claude's experience brings significant expertise and knowledge to the SLGO team. The SLGO is pleased to count on his leadership and ability to build commitment and mobilize people and partners for future projects.



DID YOU KNOW?

The SLGO's mission is to promote and facilitate access, dissemination and exchange of electronic data and information about the St. Lawrence to facilitate access, dissemination and data sharing, to improve integrated management of the St. Lawrence. This mission also comes with the responsibility to promote compliance with intellectual property rights of its members,



partners and data producers. This is why SLGO has conditions which stipulate that anyone using the provided data by SLGO and its partners must mention the source of these data.

These conditions may be consulted by clicking on the "Conditions of Use" link found at the bottom right of each page of the SLGO portal.

