

ENGAGE IN SCIENCE!

Just recently, the public has been introduced to the new collaborative crowdsourcing tools developed by SLGO. Crowdsourcing web applications enable users to enter their observations on a given data acquisition project, thus enriching scientific knowledge.

Public participation in science multiplies the possibilities of observations by increasing the covered area and the number of hours of observation. In addition to these benefits recognized by our partners, this type of "citizen-scientific" collaboration allows to raise awareness of environmental issues.

SLGO and its partners are inviting you to collaborate with the scientific community for the development of knowledge on St. Lawrence. On your next walk on the beach, be on the lookout for capelin spawning! It could be your opportunity to share you observations on SLGO's web portal.



[Crowdsourcing: slgo.ca/en/crowdsourcing.html](http://slgo.ca/en/crowdsourcing.html)



Now online: Capelin Observers Network



Following a joint venture with Fisheries and Oceans Canada (DFO), the Capelin Observers Network is the first crowdsourcing application available on SLGO's portal.

DFO collects citizen's observations about capelin since 2002. This collaboration allows DFO to answer many questions: How many spawning sites are there? Which ones are used yearly or just occasionally? Do capelin spawning habits change over time?

The data capture tool developed by SLGO is available in the "Crowdsourcing" application to all Internet users who wish to participate to the knowledge advancement on capelin spawning. The Network's archive data will also be available shortly on SLGO's portal, under "Biodiversity" application. As an example, these data could be used to get historical spawning capelin facts on the beach nearest you.

"BIODIVERSITY" APPLICATION: CONSTANTLY EVOLVING

SLGO is proud to present its improved version of the "Biodiversity" application. The need for updating this interface was growing with new data sources available for different groups and species living in the St. Lawrence ecosystem.

Look up the data at: slgo.ca/bio

Of course, SLGO team has taken the opportunity of the application's update to implement improved and intuitive functionalities. In just a few clicks, the user gets easily to the information he is looking for and is brought to explore the application more thoroughly. Don't hesitate to browse over the different data sources and share your comments with us.

Social Networks

New data sources for "Biodiversity" application are still to come shortly. Watch for updates on the social networks.



Seabirds

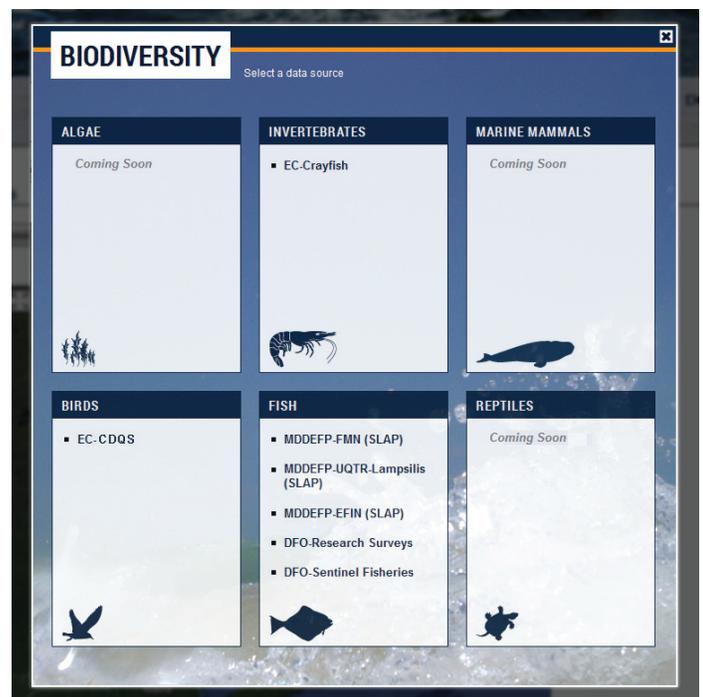
In joint venture with Environment Canada's Canadian Wildlife Service (CWS), the Computerized Database of Québec Seabirds (CDQS) has been integrated as an archive data search map interface. It presents observations from 19th century sources to the most recent scientific data collected by the CWS on nesting sea bird colonies. Some twenty species are thus documented throughout Québec. The objectives of this database is to ensure the monitoring of status, distribution, and population trends for nesting sea birds in Québec, particularly in the St. Lawrence ecosystem. With its identification tools, the BIOMQ interface also allows birdwatchers as the simply curious person to learn more about sea bird species, their biology and their nesting habits.

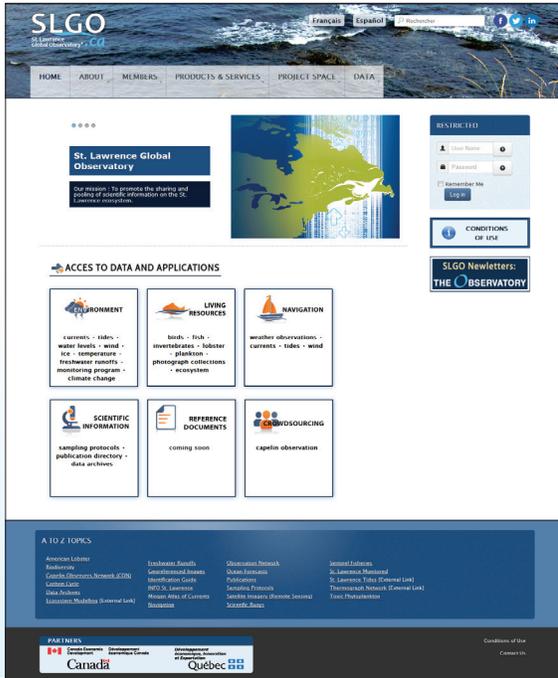
Click [EC-CDQS](#), in "Biodiversity" application, to look up the data.

Crayfish

Still in partnership with Environment Canada, the Distribution of crayfish communities in St. Lawrence River basin database is now available through a map-based research tool. In order to fill the gaps in the information available about these freshwater crustaceans, Environment Canada started to document crayfish species living in St. Lawrence River and its tributaries by the early 2000s. The project was also commanded by the need to monitor the situation of native crayfish species populations, along with a concern about invading species. As a testimony of the numerous years of research on this group of invertebrates, the interface presents data for the eight crayfish species (plus hybrids) found on the territory, from the Ontario border to Saguenay River. For novices, fact sheets about crayfish species allow to get more information on these little known crustaceans and identification tools are also presented.

Click on [EC-Crayfish](#) in "Biodiversity" application, to look up the data.





SLGO renews its web portal

SLGO revamps its website! Following actual trends, its visual aspect has changed for an improved and simplified appearance, as for a clearer web browsing. Moreover, this new version follows the adaptive websites criteria as to allow the portal's visualization on a wide range of devices, including mobile ones.

The user finds his way around easily with hierarchical menus, accessible and familiar throughout the web portal.

Discover SLGO's new face and more, look it up at the same address: slgo.ca

SLGO'S THREE NEW MEMBERS

With a strong active members team for many years, SLGO is proud to welcome three new players. This addition to a group of dynamic organizations is the result of a partnership within the data management support project, supported by Environment Canada. We invite you to visit their websites to find out more about these new members.

Réseau d'observation des mammifères marins (ROMM)



is a non-profit organization dedicated to the protection and conservation of cetaceans and pinnipeds frequenting the St. Lawrence, and of their habitats. In the objective of enhancing knowledge dissemination, sharing and acquisition on marine mammals, ROMM collaborates with SLGO to broadcast its observation data and to develop a crowdsourcing capturing tool for online marine mammal observations. These new interfaces will soon be available on SLGO.ca, respectively in "Biodiversity" and in "Crowdsourcing".

Comité de la zone d'intervention prioritaire (ZIP) du lac Saint-Pierre

is a consensus-building organization whose main objective is promoting and protecting Lac St. Pierre and its riparian habitats. In the pursuit of its primary mandate of restoration, protection and enhancement of the Lac St. Pierre's fluvial section, the *Comité ZIP du lac Saint-Pierre* joins SLGO, first to develop a management field data tool. Later on, the organization wishes to enhance its sampling efforts by broadcasting its fish data related to the unique territory of Lac St. Pierre. This new data source will be available shortly in "Biodiversity" application.



Éco-nature's mission is to protect, conserve and enhance uppermost the Rivière des Mille Îles and its tributaries, to the benefit and with the support of the community. The organization is particularly involved in ichtyological inventories in the Rivière des Mille Îles for many years now. These studies have led to monitor and evaluate the fish species diversity over the territory, to identify essential habitats and to carry out wildlife and habitat conservation projects. In order to make these inventories easier, SLGO will develop a data capture tool for *Éco-nature*. Data will be available for visualization in "Biodiversity" application in the course of the year. To follow.



SLGO wishes to thank Environment Canada for its support to promote the management, the sustainability and the sharing of data collected by NGOs and universities.



MAPAQ reiterates its trust in SLGO

**Agriculture, Pêcheries
et Alimentation**

Québec 

With the *Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec (MAPAQ)*'s renewed financial support to SLGO, and in continuity with an history of collaboration since 2010, new diffusion projects are expected, especially for the aquaculture sector.

In the course of the last year, SLGO has developed a web application for the management and the promotion of algal biomass data available for Québec. This tool aims at reinforcing MERINOV's and Technopole maritime du Québec (TMQ)'s capacity to promote development opportunities related to algae exploitation and at supporting MAPAQ's Innovamer program objectives.

SLGO wishes to thank MAPAQ for its confidence, as well as all SLGO's members, whose support is continuous.

REMINDER



INFO St. Lawrence: For the planning of your maritime holidays



Wishing to take advantage of St. Lawrence's attractions this summer? Make the most of your holidays and visit the web application INFO St. Lawrence. Leisure boaters or tourists, you will find out helpful information about wrecks, traditional lighthouses, marinas, historical sites, maritime museums and the numerous fishing ports along St. Lawrence River and about the many accesses to the river. Each point of interest is provided with a tooltip message displaying an information summary and a hyperlink towards the collaborator's site.

Have fun planning and traveling!