

IYS(19)01_Canada

Report on Actions and Activities to Deliver the International Year of the Salmon (IYS) Initiative, July 2018 to June 2019

The primary purpose of this IYS reporting template is for Parties / jurisdictions to provide:

- brief details of actions, activities (events and projects) being planned or undertaken as a contribution to the IYS;
- identify which of the five IYS themes these actions and activities are delivering on;
- identify whether actions, activities (events and projects) being planned will be delivering outreach and communication,
- identify the target audiences the actions and activities intend to reach;
- specify the timeframe for undertaking the actions and activities.

This information will then enable the North Atlantic Steering Committee (NASC) to report to the NASCO Council and IYS partners in the Pacific about activities and actions planned and occurring in the Atlantic region as part of the IYS. It is our intention that the template is easy to complete with a brief description (maximum 200 words) of the action or activity, followed by marking the appropriate tick boxes. To give an example of what is being sought, the first row of the table has been completed with an illustration. Events and projects that have been registered on the IYS website are included here, in addition to any actions from the 2018 reports that fall into the time period of July 2018 to June 2019. In the 2018 meeting of the NASCO Council the Parties agreed that reports on IYS activities and actions should be provided by the jurisdictions in 2019 and in 2020. Please complete this form and return it to the Secretariat **by 12 April 2019**.

For your reference the IYS themes appearing in the table are detailed further below:

Theme 1: *Status of Salmon*: to understand the present status of salmon and their environments

Theme 2: *Salmon in a changing salmosphere*: to understand and quantify the effects of natural environmental variability and anthropogenic factors affecting salmon distribution and abundance and to make projections of their future changes

Theme 3: *New Frontiers*: to develop new technologies and analytical methods to advance salmon science and to explore the uncharted regions of the salmosphere.

Theme 4: *Human Dimension*: to improve the resilience of people and salmon through the connection and collaboration of salmon-dependent communities, indigenous peoples, youth, harvesters and resource managers across the salmosphere.

Theme 5: *Information Systems*: to develop an integrated archive of accessible electronic data collected during the IYS and tools to support future research.

Additionally:

Outreach and communication: improving public and political awareness of; salmon's cultural, social, and economic importance; and the challenges salmon face from major environmental changes and human impacts.

Party / jurisdiction:		Canada (reporting on North Atlantic activities)			
Short description of the action	IYS Theme	Target audience	Time line		
			Start Date	End Date	
<p>Atlantic Salmon Ecosystems Forum Quebec City, Québec, Canada</p> <p>Objective: The forum focuses on research and management that improves our understanding of the ecosystem processes that influence riverine, estuarine, and marine habitats. The forum attracts a diverse audience interested in engaging in meaningful discussions pertaining to the past, present, and future of diadromous species science, management, conservation, and restoration, with an emphasis on re-establishing lost biological, physical, and social connections between and among humans, habitats, and fish- particularly salmon.</p> <p>Responsible body: Fisheries and Oceans Canada</p>	<p>Theme 1: <i>Status of Salmon</i> <input type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input checked="" type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input checked="" type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input checked="" type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p>Outreach and Communications <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input type="checkbox"/></p> <p>Children/Youth <input type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	12/03/2019	13/03/2019	
<p>The Atlantic Salmon Conservation Schools Network (ASCSN)– North America 2019 gathering Blackville, Canada (and Maine, US)</p> <p>Objective: The ASCSN project hosts a gathering for students and adult supervisors to study salmon rivers to subsequently be able to share the information with the rest of the network. Participants will be working with hatchery managers, field biologists, and civil engineers to improve salmon habitat. ASCSN participants will become involved with the restoration of an endangered species in the United States.</p> <p>Responsible body: Miramichi Valley High School Fly Fishing Club</p>	<p>Theme 1: <i>Status of Salmon</i> <input checked="" type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input checked="" type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p>Outreach and Communications <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input type="checkbox"/></p> <p>Children/Youth <input checked="" type="checkbox"/></p> <p>Knowledgeable public <input type="checkbox"/></p>	28/07/2019	03/08/2019	
<p>Atlantic Salmon Journal International Year of the Salmon Special Issue Chamcook, NB, Canada</p>	<p>Theme 1: <i>Status of Salmon</i> <input type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input type="checkbox"/></p>	01/06/2019	01/06/2019	

<p>Objective: During 2019, the Atlantic Salmon Journal, the magazine of the Atlantic Salmon Federation is planning coverage of the Year of the Salmon with a special emphasis on the Summer (June 1) issue which will be dedicated to the theme of Salmon in a Changing Environment.</p> <p>Responsible body: Atlantic Salmon Federation</p>	<p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p><i>Outreach and Communications</i> <input checked="" type="checkbox"/></p>	<p>Knowledgeable public <input checked="" type="checkbox"/></p>		
<p>Annapolis River Watershed Fish Habitat Restoration and Enhancement Annapolis Royal, NS, Canada</p> <p>Objective: Clean Annapolis River Project undertakes a variety of complimentary projects that contribute to the conservation of native fish populations and the restoration of fish habitat. These projects typically include some combination of research, monitoring, restoration, and local ecological knowledge.</p> <p>Responsible body: Clean Annapolis River Project</p>	<p>Theme 1: <i>Status of Salmon</i> <input checked="" type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input checked="" type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p><i>Outreach and Communications</i> <input type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input type="checkbox"/></p> <p>Children/Youth <input type="checkbox"/></p> <p>Knowledgeable public <input type="checkbox"/></p>	<p>?</p>	<p>?</p>
<p>Mactaquac Biodiversity Facility 50th Anniversary Science Symposium French Village, NB</p> <p>Objective: The one day science symposium, “Celebrating 50 years of Atlantic Salmon Partnerships at Mactaquac Biodiversity Facility” was held to highlight our Atlantic salmon partnerships, research, and programs over the past 50 years and featured a panel discussion: <i>Looking ahead to the next 50 years.</i></p> <p>Responsible body: Fisheries and Oceans Canada, Maritimes Region Science</p>	<p>Theme 1: <i>Status of Salmon</i> <input checked="" type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p><i>Outreach and Communications</i> <input checked="" type="checkbox"/></p>	<p>Decision makers <input checked="" type="checkbox"/></p> <p>Public <input type="checkbox"/></p> <p>Children/Youth <input type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>21/09/2018</p>	<p>21/09/2018</p>
<p>Mactaquac Biodiversity Facility 50th Anniversary Open House French Village, NB</p>	<p>Theme 1: <i>Status of Salmon</i> <input checked="" type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input checked="" type="checkbox"/></p>	<p>22/09/2018</p>	<p>22/09/2018</p>

<p>Objective: To showcase the research activities on the endangered inner Bay of Fundy Atlantic salmon and Saint John River anadromous fish species by providing an Open House for the general public.</p> <p>Responsible body: Fisheries and Oceans Canada, Maritimes Region Science</p>	<p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input checked="" type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p><i>Outreach and Communications</i> <input checked="" type="checkbox"/></p>	<p>Knowledgeable public <input checked="" type="checkbox"/></p>		
<p>Live Gene Banking, endangered inner Bay of Fundy Atlantic salmon video Bay of Fundy, NS and NB</p> <p>Objective: to highlight the efforts to restore and maintain the endangered inner Bay of Fundy Atlantic salmon population through the Live Gene Bank program at Coldbrook Biodiversity Facility.</p> <p>Responsible body: Fisheries and Oceans Canada, Maritimes Region Science and Communications</p>	<p>Theme 1: <i>Status of Salmon</i> <input checked="" type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p><i>Outreach and Communications</i> <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input checked="" type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>TBC</p>	<p>01/04/2019</p>
<p>Smolt Predation Research, endangered inner Bay of Fundy Atlantic salmon video Stewiacke River, NS</p> <p>Objective: to highlight the innovative research of tagging Atlantic salmon smolts as they leave the freshwater environment to better understand the threats they face as they migrate into the marine environment.</p> <p>Responsible body: Fisheries and Oceans Canada, Maritimes Region Science and Communications</p>	<p>Theme 1: <i>Status of Salmon</i> <input checked="" type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p><i>Outreach and Communications</i> <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input checked="" type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>TBC</p>	<p>01/04/2019</p>
<p>Eastern Canadian Launch of the IYS Saint John, NB</p> <p>Objective: The November 15th International Year of the Salmon (IYS) Canada launch event as the formal opening</p>	<p>Theme 1: <i>Status of Salmon</i> <input type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input type="checkbox"/></p>	<p>15/11/2018</p>	<p>15/11/2018</p>

<p>of the IYS in Eastern Canada. The primary objective was to generate awareness and support for the IYS, particularly with respect to its outreach and research activities planned for 2019 and beyond, as well as to raise general awareness of salmon and their importance to people across the North Atlantic basin.</p> <p>Responsible body: Fisheries and Oceans Canada – Gulf Region Science and the Maliseet Nation Conservation Council</p>	<p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p><i>Outreach and Communications</i> <input checked="" type="checkbox"/></p>	<p>Knowledgeable public <input checked="" type="checkbox"/></p>		
<p>DFO Annual Atlantic Salmon Assessment</p> <p>DFO continues to collect the following information about wild Atlantic salmon distribution, abundance and stock status to be used in the State of the Salmon Report and to inform the initiatives listed below:</p> <ul style="list-style-type: none"> • compile catches of salmon in different fisheries by size group in terms of numbers and weight (summation for Canada in annual table of the ICES Working Group report and values are provided to DFO Ottawa and submitted as obligation of report to NASCO); • estimates of returns and spawners of small salmon, large salmon, 2SW salmon which are then used in the run reconstruction of abundances by region (Scotia-Fundy, Gulf, Newfoundland, Labrador; USA and Quebec). Run reconstruction data are run at the ICES Working Group, summarized, etc. and documented in the ICES Working Group report; • compilation of marks on released Atlantic salmon, annex to ICES Working Group report; • smolt estimates from monitored rivers, return rate estimates, returns to monitored rivers, percent of conservation achieved in monitored rivers, compiled in ICES Working Group report. 	<p>Theme 1: <i>Status of Salmon</i> <input checked="" type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p><i>Outreach and Communications</i> <input type="checkbox"/></p>	<p>Decision makers <input checked="" type="checkbox"/></p> <p>Public <input type="checkbox"/></p> <p>Children/Youth <input type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>01/07/2018</p>	<p>Click or tap to enter a date.</p>

<p>Responsible body: Fisheries and Oceans Canada – Gulf, Maritimes, and Newfoundland and Labrador Regions – Fisheries and Ecosystem Science Division.</p>				
<p>Public Seminars: Atlantic Salmon Conservation in a Changing Environment</p> <p>This series of seminars took place at Universities across Atlantic Canada and were open to the on- and off-campus community. The talks provided a pan-Atlantic overview of the status of wild Atlantic salmon, exploring the underlying causes of recent declines, and highlighting the actions that need to be taken in the short term to give wild Atlantic salmon the best chance at recovery.</p> <p>Responsible body: Atlantic Salmon Federation</p>	<p>Theme 1: <i>Status of Salmon</i> <input type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p>Outreach and Communications <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input checked="" type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>04/02/2019</p>	<p>29/03/2019</p>
<p>Release of: <i>Tag! You're It! Wildly Delicious IPA and monthly Taproom Talks</i> Nyanza, Nova Scotia, Canada</p> <p>Objective: Big Spruce Brewing is a microbrewery located in Cape Breton, Nova Scotia committed to the use of local products and the appreciation of and respect for, Canada's natural, cultural, and environmental heritage. This seasonal IPA annually depicts a species for which there is conservation concern. In honour of IYS the featured species on the label is the Atlantic salmon. A portion of the proceeds from each can sold will go to Atlantic salmon research and conservation.</p> <p>Two taproom talks that feature guest salmon experts alongside Big Spruce tastings will also take place during the timeframe of this report with more to report on in future.</p> <p>Responsible body: Big Spruce Brewing and Ocean Tracking Network</p>	<p>Theme 1: <i>Status of Salmon</i> <input type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input checked="" type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p>Outreach and Communications <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input type="checkbox"/></p> <p>Knowledgeable public <input type="checkbox"/></p>	<p>01/04/2019</p>	<p>01/06/2019</p>

<p>IYS Inserts in Provincial Angling Guides – Summary of Regulations 2019 Fredericton, New Brunswick and Charlottetown, Prince Edward Island</p> <p>Objective: to inform recreational anglers in New Brunswick and Prince Edward Island that 2019 is International Year of the Salmon and to direct them to the IYS website and Twitter page</p> <p>Responsible body: New Brunswick Department of Energy and Resource Development</p>	<p>Theme 1: <i>Status of Salmon</i> <input type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input checked="" type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p>Outreach and Communications <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>01/01/2019</p>	<p>31/12/2019</p>
<p>DFO Website Update featuring IYS and Salmon on both the Atlantic and Pacific Coasts. Ottawa, Canada</p> <p>Objective: to contemporize, and make more readily available, information about wild Atlantic and Pacific Salmon</p> <p>http://www.dfo-mpo.gc.ca/campaign-campagne/wild-salmon-saumon-sauvage/index-eng.html</p> <p>Responsible body: Fisheries and Oceans Canada</p>	<p>Theme 1: <i>Status of Salmon</i> <input type="checkbox"/></p> <p>Theme 2: <i>Salmon in a changing salmosphere</i> <input type="checkbox"/></p> <p>Theme 3: <i>New Frontiers</i> <input type="checkbox"/></p> <p>Theme 4: <i>Human Dimension</i> <input type="checkbox"/></p> <p>Theme 5: <i>Information Systems</i> <input type="checkbox"/></p> <p>Outreach and Communications <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input checked="" type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>Click or tap to enter a date.</p>	<p>Click or tap to enter a date.</p>