IYS(20)01_EU – UK (Northern Ireland)

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

This report was compiled by the NASCO Secretariat from activities and events registered on the IYS website, earlier reports submitted by the Party / jurisdiction and projects funded via NASCO. It was reviewed and supplemented by the Party / jurisdiction.

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

- identify which IYS effort has had the biggest impact for you;
- provide brief details of actions, activities (events and projects) undertaken as a contribution to the IYS;
- identify which of the five IYS themes these actions and activities have delivered on;
- identify whether actions, activities (events and projects) delivered outreach and communication,
- identify the target audiences the actions and activities intended to reach; and
- 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 occurring in the Atlantic region as part of the IYS. Where it has been possible, events and projects that have been registered on the IYS website have been added to the Report, as have the various Small Grants awarded under the IYS funding, to aid you in the completion of the document and to ensure they are recorded. Please feel free to edit these and add further activities or actions. 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. Events and projects that have been registered on the IYS website are included here, in addition to any actions from the 2019 reports that fall into the time period of September 2018 (the various IYS launch events) to December 2019. In the 2018 meeting of the NASCO Council the Parties agreed that reports on IYS activities and actions should be provided by the Parties / jurisdictions in 2019 and in 2020. Please complete this form and return it to the Secretariat **by Friday 7 February 2020**.

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.

What activity / effort has had the biggest impact for your Party / jurisdiction?						
	IYS Theme		Tanatandianas		Time line	
Short description of the action	115 Theme		Target audience		Start Date	End Date
Game angling Seminar for Northern Ireland angling clubs and fishermen, Coleraine	Theme 1: Status of Salmon	X			31/01/2019	31/01/2019
	Theme 2: Salmon in a	_				
Responsible body : The Honourable The Irish Society, The Cutts, Coleraine	changing salmosphere		Decision makers			
	Theme 3: New Frontiers		Public	\boxtimes		
	Theme 4: Human Dimension			<u> </u>		
	Theme 5: Information		Children/Youth			
	Systems		Knowledgeable public	\mathbf{X}		
	Outreach and					
	Communications	\mathbf{X}				
Free Workshop – flycasting instruction and invertebrate	Theme 1: Status of Salmon				09/02/2019	09/02/2019
monitoring to mark and promote the International Year of the Salmon	Theme 2: Salmon in a					
	changing salmosphere		Decision makers			
	Theme 3: New Frontiers		Dublic	\boxtimes		
	Theme 4: Human Dimension		Public			
	Theme 5: Information		Children/Youth			
	Systems		Knowledgeable public			
	Outreach and					
	Communications	\boxtimes				
The Two Great Game Fairs	Theme 1: Status of Salmon		Decision makers		15/06/2019	16/06/2019

Downpatrick, Northern Ireland, UK	Theme 2: Salmon in a					
Objective: The intention to have a specially dedicated	changing salmosphere		Public	\mathbf{X}		
branded International Year of the Salmon Pavilion at two	Theme 3: New Frontiers		Children/Youth	\mathbf{X}		
award winning game fairs (in Northern Ireland and the Republic of Ireland).	Theme 4: Human Dimension		Vnowladaaahla nuhlia			
Responsible body : Country Lifestyle Exhibitions Ltd	Theme 5: Information Systems		Knowledgeable public			
	Outreach and Communications	\boxtimes				
A Home Fit For A King	Theme 1: Status of Salmon	\boxtimes			16/03/2019	16/03/2019
River Faughan, Northern Ireland, UK Objective: The Atlantic Salmon is called the King of Fish,	Theme 2: Salmon in a changing salmosphere		Decision makers			
and so my project is called 'A Home Fit For A King'. The objective of the project is to make the River Faughan as	Theme 3: New Frontiers		Public	\mathbf{X}		
pristine as possible through cleaning up rubbish and plastic waste and getting people involved through word of mouth and social media. The hope is that other anglers in other rivers will feel inspired to take action in their home waters.	Theme 4: Human Dimension		Children/Youth	\boxtimes		
	Theme 5: Information Systems		Knowledgeable public			
Responsible body: River Faughan Anglers Ltd	Outreach and					
SeaMonitor	Communications Theme 1: Status of Salmon				10/04/2019	10/04/2019
IYS Launch at Loughs Agency as part of a programme of celebration events. This was also the launch of the SeaMonitor EU supported programme of research which will include	Theme 2: Salmon in a changing salmosphere		Decision makers	\boxtimes		
trying to improve our understanding of salmon on their journey from freshwater to the marine environment between	Theme 3: New Frontiers		Public	\boxtimes		
the coast of Ireland and Scotland. The event was streamed live on the internet.	Theme 4: <i>Human Dimension</i> Theme 5: <i>Information</i>		Children/Youth			
Responsible body: Loughs Agency	Systems		Knowledgeable public	\boxtimes		
	Outreach and Communications	\boxtimes				
Riverwatch	Theme 1: Status of Salmon	X	Decision makers		10/04/2019	Click or tap to
Loughs Agency education centre, Riverwatch captures the journey of the river, the essence of the local environment and	Theme 2: Salmon in a					enter a date.

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the variety of life through aquarium tanks, local video footage and displays. This Loughs Agency visitor centre is open to the	changing salmosphere		Public	\boxtimes		
public and Salmon is just one of the species on display. IYS	Theme 3: New Frontiers		Children/Youth	\boxtimes		
will be displayed in the centre throughout this year to highlight the IYS event and visitors will be informed of the status of	Theme 4: <i>Human Dimension</i>	\mathbf{X}				
salmon in local rivers and in the NE Atlantic as part of the	Theme 5: Information		Knowledgeable public			
guided tour on offer.	Systems					
Responsible body: Loughs Agency	Outrough and					
	Outreach and Communications	X				
Loughs Agency - Photography Competition – To celebrate	Theme 1: Status of Salmon				18/02/2019	31/03/2019
IYS, young, amateur and professional photographers are encouraged to submit terrestrial and aerial photographs	Theme 2: Salmon in a					
against the following themes:	changing salmosphere					
- The Atlantic Salmon in celebration of International Year of the Salmon.	Theme 3: New Frontiers		Decision makers			
- Landscapes and seascapes that have as their subject	Theme 4: Human Dimension	X				
the river or marine environments within Foyle and Carlingford catchments.	Theme 5: Information		Public	\boxtimes		
- Wildlife of Foyle and Carlingford that have the river	Systems		Children/Youth	\boxtimes		
or marine environment as their natural habitat. Prizes are £250, £150 and £100 vouchers. Entry deadline closes $31/3/19$. Judging and exhibition of artwork to take	Outreach and Communications	\boxtimes	Knowledgeable public			
place at Loughs Agency after closing date.						
Responsible body: Loughs Agency						
The Bushmills Salmon & Whiskey Festival is an event to	Theme 1: Status of Salmon	X			07/06/2019	09/06/2019
celebrate the region's local heritage, culture and produce. It provides visitors with a two-day treat of fantastic	Theme 2: Salmon in a					
entertainment, live music, delicious food and much more on	changing salmosphere		Decision makers	\mathbf{X}		
the Causeway Coast. As part of the event the River Bush Salmon Station salmon	Theme 3: New Frontiers		Public	\boxtimes		
research facility will be open to the public for the 8 th and 9 th of	Theme 4: Human Dimension			<u> </u>		
June. Guided tours of the facility will be available to the public to inform them of the conservation and research work being	Theme 5: Information		Children/Youth	\mathbf{X}		
carried out there and of the status of salmon in NI and the wider	Systems		Knowledgeable public	\boxtimes		
NE Atlantic.				_		
Responsible body: DAERA	Outreach and					
•						

	Communications	X				
IYS Visitors Centre – At the River Bush Salmon Station a	Theme 1: Status of Salmon	\boxtimes			24/06/2020	31/10/2024
small permanent visitors centre will be opened through the	Theme 2: Salmon in a					
working week from June until the end of October 2019. This will allow visitors to learn about the scientific work carried out	changing salmosphere					
at the facility on salmon and to understand the status of salmon both locally and in the international setting. The two	Theme 3: New Frontiers		Decision makers	\boxtimes		
promotional videos produced will be run on a continuous loop so that visitors may view their content.	Theme 4: Human Dimension		Public	\boxtimes		
	Theme 5: Information		Children/Youth	\mathbf{X}		
Responsible body: DAERA	Systems					
This project has been delayed until June 2020 to purchase a suitable portable building but it will be a permanent feature at the River Bush Salmon Station site for the foreseeable future as a means to focus on future salmon issues.	Outreach and Communications	X	Knowledgeable public	\boxtimes		
Educational Videos - DAERA as part of the IYS	Theme 1: Status of Salmon	X			03/06/2019	01/01/2021
commissioned two videos to be viewed by the public. The first	-				05/00/2017	01/01/2021
was aimed at school children and is an animation about the life	Theme 2: Salmon in a	_				
cycle of the salmon. The pictures used were drawn by local	changing salmosphere		Decision makers	\times		
primary school children. The second is a narrated film about the salmon scientific research carried out by both DAERA and	Theme 3: New Frontiers		Public	\boxtimes		
AFBI throughout NI. It highlights the life cycle of the fish and some of the current management issues and what work is	Theme 4: Human Dimension					
being carried out to better understand these impacts. Both	Theme 5: Information		Children/Youth	\times		
these films have now been completed and will be available on the DAERA website and will also be viewed in the R Bush	Systems		Knowledgeable public	\boxtimes		
information centre.	Outreach and					
Responsible body: DAERA	Communications	X				
The Portrush Coastal Zone Visitors Centre - The	Theme 1: Status of Salmon	\mathbf{X}			01/06/2019	30/09/2019
center is owned and run by DAERA Marine and Fisheries Division and housed in what was an old	Theme 2: Salmon in a changing salmosphere		Decision makers	\boxtimes		
Victorian Bath House. It is located at the western end of			Public	\times		
the Causeway Coast Area of Outstanding Natural Beauty	Theme 3: New Frontiers					
(AONB), an area rich in natural and historical interest.	Theme 4: Human Dimension		Children/Youth	\boxtimes		
The Centre provides information and interpretation on the marine and coastal environment and overlooks the Skerries and Causeway Marine Special Area of	Theme 5: Information Systems		Knowledgeable public	\boxtimes		

 Conservation (SAC). This SAC was the first marine protected area in the UK for harbour porpoise and these wonderful creatures can often be spotted from our viewing platform. As part of the IYS, visitors will be informed of the IYS and the status of salmon in NI and in the NE Atlantic Some IYS literature, pop up displays and other IYS branded goods will be available at the site. Responsible body: DAERA 	Outreach and Communications					
Exploris Aquarium - Exploris is Northern Ireland's only	Theme 1: Status of Salmon	\boxtimes			01/06/2019	31/12/2019
aquarium and they will have some juvenile salmon as part of their freshwater display for visitors to see as part of the IYS.	Theme 2: Salmon in a					
The IYS pop up display will be present and visitors will be	changing salmosphere		Decision makers	\boxtimes		
informed of the IYS and the status of salmon in NI.	Theme 3: New Frontiers		Public	\boxtimes		
Responsible body : Exploris	Theme 4: Human Dimension			57		
Responsible body. Explores	Theme 5: Information		Children/Youth	\boxtimes		
	Systems		Knowledgeable public	\boxtimes		
	Outreach and					
	Communications	\mathbf{X}				
Salmon in the classroom project – This project involves local primary school children getting involved in rearing	Theme 1: Status of Salmon	\mathbf{X}			01/02/2019	31/05/2019
salmon in the classroom to restock into their local rivers. The	Theme 2: Salmon in a					
children also learn about the problems salmon face in the wild	changing salmosphere		Decision makers			
such as over fishing, environmental destruction and pollution. The programme ends with a visit to the River Bush Salmon	Theme 3: New Frontiers		Public			
hatchery to learn about the scientific research being undertaken there.	Theme 4: Human Dimension					
	Theme 5: Information		Children/Youth	\boxtimes		
Responsible body : The Honourable The Irish Society, The Cutts, Coleraine	Systems		Knowledgeable public			
	Outreach and					
	Communications	X				

Ballinderry Rivers Trust Facility – The Ballinderry Rivers	Theme 1: Status of Salmon	X			01/05/2019	31/12/2019
Trust facilitates many educational visits to the pearl mussel project based on the Ballinderry river. As part of the IYS, visitors will be informed of the IYS and the status of salmon	Theme 2: Salmon in a changing salmosphere		Decision makers			
on the Ballinderry river and in the NE Atlantic Some IYS literature, pop up displays and other IYS branded goods will	Theme 3: New Frontiers		Public	\boxtimes		
be available at the site.	Theme 4: Human Dimension		Children/Youth	\boxtimes		
Responsible body: Ballinderry Rivers Trust	Theme 5: Information Systems		Knowledgeable public			
	Outreach and Communications	\boxtimes				
Rivers Around the Corner	Theme 1: Status of Salmon	\mathbf{X}			20/09/2019	31/03/2020
School Engagement programme and conference aimed at highlighting the status of the salmon in the Loughs	Theme 2: Salmon in a changing salmosphere		Decision makers			
Agency areas of Foyle and Carlingford. The conference will be the culmination of outreach, engagement and	Theme 3: New Frontiers		Public			
education work undertaken by Loughs Agency staff in schools within each area in conjunction with the	Theme 4: Human Dimension	\mathbf{X}	Children/Youth			
Green/Eco-Schools projects.	Theme 5: Information Systems		Knowledgeable public			
Responsible body: Loughs Agency	Outreach and Communications	\boxtimes				
Catchment Connect	Theme 1: Status of Salmon	X			01/05/2019	31/12/2019
A series of practical projects aimed at improving the ecological status, accessibility and the stakeholder	Theme 2: Salmon in a changing salmosphere	Ø	Decision makers			
engagement within Foyle and Carlingford. As well as conservation, habitat enhancement and	Theme 3: New Frontiers		Public	\boxtimes		
restoration works, the project will also include	Theme 4: Human Dimension					
stakeholder participation, skills development, workshops, signage, access and infrastructure improvements. Rivers include: Roe, Derg, Culdaff, Clanrye, Whitewater, Foyle,	Theme 5: <i>Information</i> <i>Systems</i>		Children/Youth Knowledgeable public			
Faughan and Finn.	Outreach and Communications	\boxtimes				
Responsible body: Loughs Agency						

Poster Commission –	Theme 1: Status of Salmon				01/06/2019	Click or tap to enter a date.
Creation of a large poster illustrating the life cycle of the salmon. Artwork will be bespoke and tell the story	Theme 2: Salmon in a changing salmosphere		Decision makers			enter a date.
specific to the Foyle/Carlingford systems.	Theme 3: New Frontiers		Public	\boxtimes		
The poster will be distributed to all local schools and will	Theme 4: Human Dimension		Children/Youth	\boxtimes		
be available at Loughs Agency/Riverwatch and external events.	Theme 5: <i>Information</i> <i>Systems</i>		Knowledgeable public			
Responsible body: Loughs Agency	Outreach and Communications	\boxtimes				
IYS – Science Projects	Theme 1: Status of Salmon	\boxtimes			05/04/2019	31/05/2019
DAERA have commissioned scientific investigations to focus on particular areas of concern in several	Theme 2: Salmon in a changing salmosphere	Ø				
catchments across N. Ireland. Previous telemetry work was suggestive of fish passage concerns for downstream	Theme 3: New Frontiers					
migrating Atlantic salmon smolts on the Clady river in	Theme 4: Human Dimension					
the Neagh/Bann catchment. A focused telemetry study is underway in April/May 2019 to investigate the movement of salmon smolts around several key	Theme 5: <i>Information</i> <i>Systems</i>		Decision makers	\boxtimes		
abstraction sites on the Clady river. A second investigation is focused on salmon smolt survival in Lower Lough Erne, previous research has indicated the	Outreach and Communications	\boxtimes	Public	\boxtimes		
potential negative effects of predation and abstraction on this catchment (Kennedy et al., 2018). In 2019 a study			Children/Youth			
has been commissioned to further quantify the impact of predation in the lake by using novel acoustic 'predation'			Knowledgeable public			
tags. A third research objective for the DAERA area is to examine stock status and the impact of stock						
enhancement measures on the Glens of Antrim rivers. In recent years these Glens catchments have seen a more						
marked decline in salmon stocks than other areas of N.						
Ireland. DAERA have secured a new screw trap in 2019 and this will be deployed on the Ballycastle river from 2019 to secure biological data on the smolt run.						

Responsible body : DAERA / AFBI						
Title of activity: North Coast Salmon nets	Theme 1: Status of Salmon	\boxtimes			01/08/2020	31/10/2024
Objective: Discussions are still ongoing with the local council to provide information to visitors on the importance of the	Theme 2: Salmon in a changing salmosphere		Decision makers			
salmon industry along the North coast and in particular the many sites where salmon were traditionally fished. This will	Theme 3: New Frontiers		Public	\boxtimes		
make use of existing visitor walking trails with additional information provided likely in the form of brochures. It is hoped	Theme 4: Human Dimension	\boxtimes				
to conclude this initiative by the summer of 2020.	Theme 5: Information		Children/Youth	\boxtimes		
Responsible body: DAER & Local Council	Systems		Knowledgeable public	\boxtimes		
	Outreach and Communications	\boxtimes				
Title of activity: Salmon Conference	Theme 1: Status of Salmon	\boxtimes			25/09/2019	25/09/2019
Objective: The conference aimed to look at the issues affecting Atlantic Salmon in the freshwater and marine	Theme 2: Salmon in a changing salmosphere		Decision makers	\boxtimes		
environment, with particular focus on the salmon of the Foyle system.	Theme 3: New Frontiers		Public	\boxtimes		
	Theme 4: Human Dimension					
Responsible body: Loughs Agency & Foyle Association of Salmon and Sea Trout Anglers (FASTA)	Theme 5: Information		Children/Youth	\boxtimes		
Samon and Sea Hout Anglets (PASTA)	Systems		Knowledgeable public	\boxtimes		
	Outreach and Communications	\boxtimes				
Title of activity	Theme 1: Status of Salmon		Decision makers		Click or tap to	Click or tap to
Objective:	Theme 2: Salmon in a				enter a date.	enter a date.
	changing salmosphere		Public			
Responsible body:	Theme 3: New Frontiers		Children/Youth			
	Theme 4: Human Dimension		.	_		
	Theme 5: Information		Knowledgeable public			

Systems		
Outreach andCommunications		