

## IYS(20)01\_EU – UK (England and Wales)

### *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.

Party / jurisdiction:		EU – UK (England and Wales)			
What activity / effort has had the biggest impact for your Party / jurisdiction?					
Short description of the action	IYS Theme	Target audience	Time line		
			Start Date	End Date	
<p><i>Raise awareness of IYS and the status of salmon with key decision makers and knowledgeable public through engagement with appropriate people (Ministers, policy leads, fishery managers, etc.) and their teams:</i></p> <ul style="list-style-type: none"> <li>• Participate in coordinated high-level ministerial launch of the IYS in October 2018;</li> <li>• Highlight the 'IYS State of Salmon Atlas' document;</li> <li>• Publish assessment of salmon stocks and fisheries in England &amp; Wales 2018;</li> <li>• Publish Salmonid and Freshwater Fisheries Statistics for England and Wales, 2018;</li> <li>• For England and Wales salmon counter network publish regular bulletins and potentially live-feed images of migrating salmon through the year;</li> </ul> <p><i>Promote awareness of NASCO's role in conserving and enhancing Atlantic salmon.</i></p>	<p><b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input checked="" type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <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>	01/08/2018	31/12/2019	
<p><i>Highlight what is being done to conserve and enhance salmon populations:</i></p> <ul style="list-style-type: none"> <li>• Highlight what has and is being delivered through the Environment Agency's 5-Point Approach;</li> <li>• Implement the new England and Wales salmon regulations;</li> <li>• Highlight and disseminate outstanding salmon restoration and enhancement projects, for example: 'Unlocking the Severn' and 'Salmon to Sheffield';</li> <li>• Link in with other keystone events such as World Rivers Day 2019 (29 September 2019);</li> <li>• Highlight key issues such as the importance of small streams and downstream migration.</li> </ul>	<p><b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input checked="" type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input checked="" type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <input type="checkbox"/></p>	<p>Decision makers <input checked="" 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>	01/07/2018	31/12/2019	

<p><i>Advance salmon science</i></p> <ul style="list-style-type: none"> <li>• <i>Progress SAMARCH (SAlmonid MAnagement Round the CHannel) project, which aims to gather information on salmon and sea trout behaviour, habitat preferences and life-history to inform their management and protection in estuaries and coastal areas.</i></li> <li>• <i>Coordinate and deliver R&amp;D programme;</i></li> <li>• <i>Collaborate with national and international research partners to further our understanding of Atlantic salmon and the factors affecting them in freshwater, transitional and marine. Support work of NASCO IASRB, SALSEA-Track, potentially SeaMonitor etc.;</i></li> <li>• <i>Play an active part in the NASCO Salmon Symposium 2019;</i></li> </ul> <p><i>Strengthen links with Universities.</i></p>	<p><b>Theme 1: Status of Salmon</b> <input type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input checked="" type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <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>31/12/2019</p>
<p><i>Connect and collaborate with partners and new audiences to raise awareness of the status of salmon and what needs to be done to conserve and enhance them:</i></p> <ul style="list-style-type: none"> <li>• <i>Work with England Fisheries Group, angling associations, NGOs, River Trusts, Wildlife Trusts, Catchment Partnerships etc. to actively engage with IYS, deliver community projects, to raise awareness about salmon and deliver outcomes for salmon;</i></li> <li>• <i>Explore new partnerships and identify opportunities for wider engagement (e.g. with National Trust etc.);</i></li> <li>• <i>Explore opportunities for sentinel events, for example, at the Environment Agency's National Salmon Centre at Kielder, national museums, national aquaria and Institute of Fisheries Management Specialist Conference;</i></li> <li>• <i>Explore opportunities to promote IYS messages to schools and young children.</i></li> <li>• <i>Develop an IYS communications programme including: directed communications with anglers, e-newsletters, presentations at Angling Consultative meetings etc.;</i></li> <li>• <i>Encourage IYS linked campaigns and targeted communications by NGOs.</i></li> </ul>	<p><b>Theme 1: Status of Salmon</b> <input type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input checked="" type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <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>Knowledgeable public <input type="checkbox"/></p>	<p>01/07/2018</p>	<p>31/12/2019</p>

<ul style="list-style-type: none"> <li>UK Devolved Administration network established to coordinate a joined up UK approach to IYS delivery, supporting wider NGO engagement.</li> </ul>				
<p>Explore opportunities for cataloguing and archiving historic data (e.g. catch records, biological parameters) and other reference material (scale samples):</p> <ul style="list-style-type: none"> <li>Explore opportunity to make historic salmon data available through 'open data';</li> <li>Seek to establish salmon scale inventory and archive;</li> <li>Refresh approach to making salmon information available.</li> </ul>	<p><b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <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>	01/09/2018	31/12/2019
<p><b>International Year of the Salmon launch at the Institute of Fisheries Management 49<sup>th</sup> Annual Conference, Hull.</b></p> <p>In line with England's 25 Year Environment Plan commitment to be the first generation to leave the environment in a better state than we inherited, England has affirmed its support for IYS 2019. In launching IYS in England, the then Minister of Fisheries, George Eustice, pledged England's commitment to IYS at the 49th Institute of Fisheries Management annual conference. His statement can be viewed at: <a href="https://www.cefas.co.uk/iys/">https://www.cefas.co.uk/iys/</a></p> <p>Wales have also pledged support for IYS. Cabinet Secretary for Energy, Planning and Rural Affairs, Lesley Griffiths, said: "I wholeheartedly back IYS and hope those with an interest in recreational fishing, 'take the bait' in efforts to boost the conservation and restoration of these iconic fisheries within Wales."</p>	<p><b>Theme 1: Status of Salmon</b> <input type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <input type="checkbox"/></p> <p><b>Outreach and Communications</b> <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>	16/10/2018	16/10/2018
<p><b>Establishment of dedicated IYS website for England &amp; -</b> <a href="https://www.cefas.co.uk/iys/">https://www.cefas.co.uk/iys/</a></p> <p>A website has been established, hosted by Cefas, to promote IYS activities across England &amp; Wales. The webpage provides background information on the salmon life-cycle, includes short monthly stories, provides links to partner organisations involved in salmon conservation work across the UK and</p>	<p><b>Theme 1: Status of Salmon</b> <input type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information</b> <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>Knowledgeable public <input checked="" type="checkbox"/></p>	22/11/2018	31/12/2019

<p>encourages parties to register IYS-related events on the IYS host page.</p> <p>From launch in November 2018 to the end of December 2019, the website was visited 4,095 times, including 1,192 visits to the page describing the salmon life cycle. It is planned to maintain this over the longer term.</p>	<p><i>Systems</i> <input type="checkbox"/></p> <p><i>Outreach and Communications</i> <input checked="" type="checkbox"/></p>			
<p><b>Fishy Dinner</b> - Ure Salmon Group, North Yorkshire, England.</p> <p>The River Ure is a recovering salmon river in NE England. The Ure Salmon Group invited the public to a fund-raising dinner where auctions and raffle prizes raised money to support conservation works on the river in 2019 and 2020.</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <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 type="checkbox"/></p> <p>Children/Youth <input type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	27/04/2019	27/04/2019
<p><b>Salmonid Tracking Workshop</b> - Southampton, England.</p> <p>The Game &amp; Wildlife Conservation Trust, Salmon &amp; Trout Conservation UK and the Atlantic Salmon Trust hosted a two-day Salmonid Tracking Workshop in Southampton on behalf on the SAMARCH (Salmonid Management Round the Channel) project. The sessions focussed on sharing knowledge of current tracking projects, new and emerging technologies and maximising the benefits and opportunities of multiple tracking projects.</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><i>Outreach and Communications</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>Knowledgeable public <input checked="" type="checkbox"/></p>	05/11/2019	06/11/2019
<p><b>The archaeology of Pacific salmon: Reconstructing the past ecology of North American salmonids to understand their future in a fast-changing world</b> - Liverpool, England.</p> <p>The University of Liverpool has embarked on a project that will employ zooarchaeological data to reconstruct the past ecology, abundance and distribution of the seven species of Pacific</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input checked="" type="checkbox"/></p>	<p>Decision makers <input checked="" type="checkbox"/></p> <p>Public <input checked="" type="checkbox"/></p> <p>Children/Youth <input checked="" type="checkbox"/></p>	Ongoing	Ongoing

<p>salmonids (<i>Oncorhynchus</i> sp.) using data recovered from archaeological sites on the Pacific coast of North America. This research will allow for the reconstruction of long-term data on past salmon ecosystem change in the NE Pacific. The aim is to establish suitable baselines for the pre-industrial/contact status of salmonids in the region. Because salmonids are extremely susceptible to fluctuations in temperature, these baselines can be deployed as models for assessing <i>Oncorhynchus</i> resilience during times of rapid climate change (i.e. Little Ice Age/Medieval Climatic Anomaly). The hope is that the results of this research will be used to inform climate change studies in the NE Pacific, current salmonid conservation/fisheries policies and the subsistence-based economies of modern indigenous communities along the Pacific coast.</p>	<p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <input type="checkbox"/></p> <p><b>Outreach and Communications</b> <input type="checkbox"/></p>	<p>Knowledgeable public <input checked="" type="checkbox"/></p>		
<p><b>Salmon in the Stour</b> - Stourbridge, England.</p> <p>The Wildlife Trust for Birmingham and the Black Country have launched a new project aimed at improving the River Stour and its tributaries for wildlife and people. The River Stour is a tributary of the River Severn and is located in the Midlands region of England. The project aims to involve community groups and volunteers to undertake wildlife surveys and identify a range of opportunities for improvements. This might include: removing barriers to fish movement, providing habitats for threatened species, re-naturalising artificial banks, tackling the spread of invasive species, identifying and addressing sources of pollution, improving access for people and celebrating the watercourses' history and heritage.</p>	<p><b>Theme 1: Status of Salmon</b> <input type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input checked="" type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <input type="checkbox"/></p> <p><b>Outreach and Communications</b> <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>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>Ongoing</p>	<p>Ongoing</p>
<p><b>Launch of children's picture book</b> – NW England.</p> <p>The Eden Rivers Trust enlisted the help of pupils from Robert Ferguson Primary School, Carlisle to create illustrations for 'The Adventurous Salmon', a brand-new children's picture book. The book follows the epic 3,000 km journey undertaken by an intrepid wild Atlantic salmon from the small streams of Cumbria in NW England, down Eden's rivers and out to sea and back again to the beck where it was born. Along the way, it introduces young readers to native wildlife found in the Eden, Copeland and West Cumbria areas.</p>	<p><b>Theme 1: Status of Salmon</b> <input type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information</b> <input 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>	<p>28/02/2019</p>	<p>28/02/2019</p>

<a href="https://www.therivertrust.org/2019/02/28/school-children-make-the-adventurous-salmon-leap-off-the-page/">https://www.therivertrust.org/2019/02/28/school-children-make-the-adventurous-salmon-leap-off-the-page/</a>	<i>Systems</i> <input type="checkbox"/> <i>Outreach and Communications</i> <input checked="" type="checkbox"/>			
<p><b>NGO activities and events</b></p> <p>A number of NGOs across E&amp;W are engaged in activities to improve riverine habitat conditions for the benefit of salmon (and other species). Details of various organisations delivering such projects are available on the partners page of the E&amp;W IYS website: <a href="https://www.cefas.co.uk/iys/partners/">https://www.cefas.co.uk/iys/partners/</a></p> <p>For example, Salmon &amp; Trout Conservation UK have joined partners across the Northern Hemisphere to launch IYS and see this as an important opportunity to further important work, collaborate with other salmon conservationists and help spread the word about salmon and the many challenges that they are facing. Various events are planned and details will be made available at: <a href="https://www.salmon-trout.org/2019/01/25/international-year-of-the-salmon-launch/">https://www.salmon-trout.org/2019/01/25/international-year-of-the-salmon-launch/</a></p>	<p><b>Theme 1: Status of Salmon</b> <input type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <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 type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	Ongoing	Ongoing
<p><b>Unlocking the Severn for people and wildlife</b></p> <p>Work is continuing with a major wildlife project to ‘reopen’ the River Severn. A collaborative partnership between the Severn Rivers Trust, the Canal &amp; Rivers Trust, the Environment Agency and Natural England was successful in securing almost £20 million of funding – £10.8 million from the Heritage Lottery Fund and £6 million from the European Union LIFE programme. The project seeks to remove historical barriers and improve habitat on the UK’s longest river for a variety of fish and wildlife species, including salmon. The project also aims to reconnect people and local communities with the lost natural, cultural and industrial heritage of the river.</p> <p>Further details at: <a href="https://www.unlockingthesevern.co.uk/">https://www.unlockingthesevern.co.uk/</a></p>	<p><b>Theme 1: Status of Salmon</b> <input type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input checked="" type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input checked="" type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <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 type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	Ongoing	Ongoing
<p><b>Salmon and Trout Conservation Cymru, 2019 Annual Seminar - Can we save the Atlantic salmon?</b></p> <p>Presentations and discussions to mark the International Year of the Salmon.</p>	<p><b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input checked="" type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <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>	08/04/2019	08/04/2019

<p>Monday, 8th of April, 2019 Lantra, Royal Welsh Showground, Llanelwedd, Builth Wells</p>	<p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <input checked="" type="checkbox"/></p>	<p>Knowledgeable public <input checked="" type="checkbox"/></p>		
<p><b>Environment Agency International Year of the Salmon cascade brief to all EA staff</b></p> <p>The message to get involved and contribute to the International Year of the Salmon was given to all Environment Agency staff as part of the internal national Cascade Brief in April 2019.</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <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 type="checkbox"/></p>	<p>08/04/2019</p>	<p>12/04/2019</p>
<p><b>The Rivers Trust IYS themed river weekends</b></p> <p>The Rivers Trust is planning to hold a number of IYS themed river weekends.</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <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>tbc</p>	<p>tbc</p>
<p><b>Environment Agency Rivers Tyne and Tees underwater sonar smolt monitoring</b></p> <p>To coincide with this year's smolt run, the Environment Agency is going to use underwater sonar to monitor salmon smolts migrating on the Rivers Tyne and Tees in late May and will involve local stakeholders.</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <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>15/05/2019</p>	<p>31/05/2019</p>



	<b>Theme 4: Human Dimension</b> <input type="checkbox"/> <b>Theme 5: Information Systems</b> <input type="checkbox"/> <b>Outreach and Communications</b> <input checked="" type="checkbox"/>	Knowledgeable public <input checked="" type="checkbox"/>		
<b>Environment Agency National Salmon Centre Open Day</b>  An IYS linked educational open day took place for members of the public to illustrate the life cycle of salmon and the pressures facing the species. It was well attended with over 200 members of the public attending throughout the day. Visitors were invited to join an educational walk to the Center's smolt trap where salmon and sea trout smolts were captured, measured and marked before release. Freshwater invertebrates were captured from the Kielder Burn adjacent to the Salmon Centre giving all participants a chance to see and identify many of the invertebrates which form a critical part of the salmon's diet. Visitors were also shown rearing facilities for the critically endangered freshwater pearl mussel.	<b>Theme 1: Status of Salmon</b> <input type="checkbox"/> <b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/> <b>Theme 3: New Frontiers</b> <input type="checkbox"/> <b>Theme 4: Human Dimension</b> <input type="checkbox"/> <b>Theme 5: Information Systems</b> <input type="checkbox"/> <b>Outreach and Communications</b> <input checked="" type="checkbox"/>	Decision makers <input type="checkbox"/> Public <input checked="" type="checkbox"/> Children/Youth <input checked="" type="checkbox"/> Knowledgeable public <input checked="" type="checkbox"/>	11/04/2019	11/04/2019
<b>International Year of the Salmon Forum, Fishmongers' Hall, London.</b>  Organised by an alliance of NGOs, the AST, S&TC, GWCT and AT, the Salmon Forum is aimed at highlighting what needs to be done to restore Atlantic salmon stocks to UK rivers. NASCO will present the Status of Salmon Report, it will emphasise the importance of collaboration between NGOs and Government organisations to conserve and restore wild salmon stocks, and present findings from salmon tracking research conducted in the IYS year and the Likely Suspects Framework for salmon.	<b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/> <b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/> <b>Theme 3: New Frontiers</b> <input checked="" type="checkbox"/> <b>Theme 4: Human Dimension</b> <input type="checkbox"/> <b>Theme 5: Information Systems</b> <input checked="" type="checkbox"/> <b>Outreach and Communications</b> <input checked="" type="checkbox"/>	Decision makers <input checked="" type="checkbox"/> Public <input checked="" type="checkbox"/> Children/Youth <input type="checkbox"/> Knowledgeable public <input type="checkbox"/>	26/11/2019	26/11/2019
<b>Famous Faces launch the audiobook recording of the classic book 'Salar the Salmon' by Henry Williamson. Narrated by James Murray.</b>	<b>Theme 1: Status of Salmon</b> <input type="checkbox"/> <b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/> <b>Theme 3: New Frontiers</b> <input type="checkbox"/>	Decision makers <input type="checkbox"/> Public <input checked="" type="checkbox"/> Children/Youth <input checked="" type="checkbox"/>	02/04/2019	Ongoing

<p>AST are running a social media campaign, tagging International Year of the Salmon.  <a href="https://youtu.be/xw237oYxbkI">https://youtu.be/xw237oYxbkI</a></p>	<p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <input checked="" type="checkbox"/></p>	<p>Knowledgeable public <input type="checkbox"/></p>		
<p><b>Likely Suspects Framework for Salmon</b></p> <p>With support from NASCO, the AST and its partners, including inter-governmental bodies across the Atlantic and Pacific, have been developing a framework for conceptualising all of the impacts on salmon during their freshwater phase and subsequent marine migration. This is the Likely Suspects Framework for Atlantic salmon. Identification of available data for the LSF is planned to take place at ICES workshops in 2019.</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input checked="" type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <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 type="checkbox"/></p>	<p>On-going</p>	<p>Ongoing</p>
<p><b>The Missing Salmon Project</b></p> <p>The Atlantic Salmon Trust, Game Conservancy, Wildlife Trusts, Salmon and Trout Conservation and the Angling Trust are working together to progress a new Missing Salmon project. Commencing in 2019, the project will involve evidence-based research to contribute towards activities to halt and reverse the decline in stocks of wild Atlantic salmon. The programme is based on the Likely Suspects framework.</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <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>2019</p>	<p>Ongoing</p>
<p><b>Institute of Fisheries Management IYS linked Fish, Flows and Climate Resilience Specialist Conference</b></p> <p>The specialist conference focussed on the issues facing fish and fisheries arising from climate driven changes and the</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <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>21/05/2019</p>	<p>22/05/2019</p>

<p>corresponding management actions being taken to address these.</p> <p>The conference brought together speakers and delegates from across the UK and Europe for two days of talks, posters and networking. Conference sessions covered:</p> <ul style="list-style-type: none"> <li>• Fish in a changing climate (double session)</li> <li>• Extreme flows</li> <li>• Protecting and restoring aquatic environments</li> <li>• Management of flows</li> <li>• Impacts on fish communities</li> <li>• Flows and fish migration</li> </ul>	<p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input checked="" type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <input type="checkbox"/></p>	<p>Knowledgeable public <input checked="" type="checkbox"/></p>		
<p><b>IYS Small Grant</b> Aire Rivers Trust</p> <p><b>Objective:</b> Aire Rivers Trust will use their IYS Small Grant to engage communities at local events in welcoming the return of missing salmon to their river through a giant board game charting the challenges they will face and the new fish ladders being built during the International Year of the Salmon.</p> <p><b>Responsible body:</b> Aire Rivers Trust</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <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 type="checkbox"/></p>	<p>2019</p>	<p>Click or tap to enter a date.</p>
<p><b>Developing the Natural Aire (DNAire)</b></p> <p><b>Objective:</b> DNAire is an exciting landscape scale project led by the Aire Rivers Trust and the Environment Agency and partly funded by the Heritage Lottery Fund. The project will build a fish pass on each of four weirs which will enable salmon to recolonise the River Aire. We will use the compelling story of the return of these iconic fish to engage people and communities along the river to develop a volunteering and river stewardship programme to care for the river. To complement this we will create a trail between Leeds and Gargrave following the remarkable migration of the salmon. It will also boost urban and rural regeneration, promote learning and skills development and give economic</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <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>01/01/2018</p>	<p>31/12/2022</p>

<p>opportunities whilst revealing and opening up an undervalued public recreational facility.</p> <p><b>Responsible body:</b> Aire Rivers Trust</p>				
<p><b>IYS Small Grant</b> The Wye &amp; Usk Foundation</p> <p><b>Objective:</b> The Wye &amp; Usk Foundation will visit a range of local libraries and community centres over the Autumn Half term period, running half day sessions in each one. They are open to everyone to come along and learn about the life of the Atlantic Salmon, the journey it takes each year on a spawning migration, as well as some of the issues and obstacles it faces on the way. There will be a chance to learn the Super Salmon Song and Dance, as well as creating their very own salmon hat to take home (with joint branding). There will also be 2 days spent in local schools teaching classes about the salmon's life cycle in our rivers. These will either be in November or later in the Spring term 2020.</p> <p><b>Responsible body:</b> The Wye &amp; Usk Foundation</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b>Outreach and Communications</b> <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>	2019	Click or tap to enter a date.
<p><b>IYS Small Grant</b> The National Trust</p> <p><b>Objective:</b> The National Trust will work in partnership with West Cumbria Rivers Trust and Willow Weaver Phil Bradley to deliver a series of outdoor classrooms. Children will go on a river walk where they can share their views and experiences of rivers alongside learning about the life within them and the efforts underway to protect and enhance Atlantic Salmon populations as well as weaving their own salmon out of willow to take home. These outdoor classrooms will be followed up by a family picnic, where we will invite children to become the “teachers” passing on their new found learning to their family and friends. This is part of the Riverlands programme, a partnership project between the National Trust and the Environment Agency</p> <p><b>Responsible body:</b> The National Trust</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b>Outreach and Communications</b> <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>	2019	Click or tap to enter a date.
<p><b>IYS Small Grant - Salmon in the Classroom</b> Tyne Rivers Trust</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input checked="" type="checkbox"/></p>	<p>Decision makers <input type="checkbox"/></p>	2019	Click or tap to enter a date.

<p><b>Objective:</b> Tyne Rivers Trust have received a grant to support their Salmon in the Classroom programme in schools. This engages children with the fascinating life-cycle of Atlantic salmon, inspiring them to learn about and protect this valuable species. Salmon eggs are taken into schools in tanks where children can watch them develop, while monitoring temperature and water quality to ensure the eggs can develop healthily. Once they hatch, salmon fry are released into a nearby stream where children are taught about the environment of juvenile salmon and what they can do to protect it.</p> <p><b>Responsible body:</b> Tyne Rivers Trust</p>	<p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <input checked="" type="checkbox"/></p>	<p>Public <input type="checkbox"/></p> <p>Children/Youth <input checked="" type="checkbox"/></p> <p>Knowledgeable public <input type="checkbox"/></p>		
<p><b>Owned by Everyone – the issues, literature and Poetry of Atlantic salmon.</b> Held in December to close IYS</p> <p><b>Objective:</b> to discuss salmon in the widest possible context, looking at its place in conservation, recreation, culture and literature with a particular theme of the poetry of former Poet Laureate, Ted Hughes, who studied at Pembroke and was a lifelong salmon angler and passionate conservationist. Over 80 people attended.</p> <p><b>Responsible body:</b> held at Cambridge University and co-hosted by the Cambridge Conservation Initiative, Pembroke College and Salmon &amp; Trout Conservation</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <input checked="" type="checkbox"/></p>	<p>Decision makers <input checked="" 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>	11/12/2019	12/12/2019
<p><b>Linton Lock canoe-fish pass and hydropower</b></p> <p><b>Objective:</b> The canoe-fish pass was opened in March 2019 and will aid the revival of salmon migrating up the River Ouse to spawn.</p> <p>Pat O’Brien, Environment Agency fisheries technical specialist, said: “This is a fantastic partnership scheme that provides many positive environmental outcomes.”</p> <p><b>Responsible body:</b> Delivered through a partnership between the Canal and Rivers Trust, Linton Hydro Ltd, British Canoeing, Nun Monkton Estate and Environment Agency.</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <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 checked="" type="checkbox"/></p>	07/03/2019	Click or tap to enter a date.

<p><b>River Kent fish counter re-born</b></p> <p><b>Objective:</b> Re-instatement of the River Kent fish counter in Cumbria after being out of action for seven years due to flood damage.</p> <p><b>Responsible body:</b> Environment Agency supported by Defra Science Capital</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input checked="" type="checkbox"/></p> <p><b>Outreach and Communications</b> <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 checked="" type="checkbox"/></p>	<p>01/04/2019</p>	<p>Click or tap to enter a date.</p>
<p><b>Restoring the River Keekle in West Cumbria</b></p> <p><b>Objective:</b> The Environment Agency and the West Cumbria Rivers Trust aims to remove 2.5km of plastic liner from the River Keekle, as part of £1.5m partnership project to restore the river.</p> <p>Not only will the project remove a huge amount of plastic it will allow the river to function more naturally, improve habitat and biodiversity and improve river access for local people to allow them to enjoy their local natural environment once again.</p> <p><b>Responsible body:</b> Environment Agency and West Cumbria Rivers Trust</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b>Outreach and Communications</b> <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>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>13/08/2019</p>	<p>Click or tap to enter a date.</p>
<p><b>Connecting to a new audience</b></p> <p><b>Objective:</b> Environment Agency Water, Land and Biodiversity show case event to raise awareness about the state of salmon populations and encouraging non-fisheries teams within the Environment Agency Cumbria and Lancashire Area to help restore salmon populations as part of IYS.</p> <p><b>Responsible body:</b> Environment Agency</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b>Outreach and</b></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>	<p>01/10/2019</p>	<p>Click or tap to enter a date.</p>

	<i>Communications</i> <input checked="" type="checkbox"/>			
<p><b>Derwent smolt tracking project</b></p> <p><b>Objective:</b> Investigate the migration of salmon smolts out of the Cumbrian Derwent, an SAC for salmon, and identify any potential actions to address bottlenecks. Several hundred smolts will be tagged using acoustic transmitters and tracked from the upper reaches of the catchment, through a large lake and past several significant weirs, and out to sea. A marine array between Northern Ireland and Scotland will detect onwards migration out of the Irish Sea via the Northern route.</p> <p><b>Responsible body:</b> PhD studentship led by the University of Glasgow and funded / supported by numerous organisations including Defra, Natural England, the Environment Agency, Derwent Owners Association, West Cumbria Rivers Trust and Robin Rigg Community Fund.</p>	<p><b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input checked="" type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <input type="checkbox"/></p> <p><b>Outreach and Communications</b> <input type="checkbox"/></p>	<p>Decision makers <input checked="" 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>	2019	2022
<p><b>Fry transfer pilot study, River Derwent</b></p> <p><b>Objective:</b> Investigate the potential for, and practicalities involved with, salmon fry transfer within the Cumbrian Derwent, an SAC for salmon. 450 salmon fry were moved from an area of very high fry densities to a nearby tributary where no salmon were found but which contained suitable habitat and which should contain salmon. Similar work may go ahead from 2020 onwards if suitable receiving and donor waters are available, subject to permissions and resources.</p> <p><b>Responsible body:</b> Environment Agency, West Cumbria Rivers Trust and Derwent Owners Association</p>	<p><b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <input type="checkbox"/></p> <p><b>Outreach and Communications</b> <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>	2019	ongoing
<p><b>Habitat improvement work in North Cumbria</b></p> <p><b>Objective:</b> Habitat improvement work has been carried at numerous sites in North Cumbria to the benefit of salmon and other freshwater fish. This includes work on the rivers Derwent, Eden and Ehen, all of which are SACs for salmon. Headline figures for this work include 9,968m of riparian fencing, 12.3ha of riverside habitat created, and over 7,000 trees and willow stakes planted.</p>	<p><b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <input type="checkbox"/></p>	<p>Decision makers <input checked="" 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>	2019	ongoing

<p><b>Responsible body:</b> Environment Agency with numerous external partners and volunteers, including Natural England, Derwent River Corridors Group (composed of many members), Eden and West Cumbria Rivers Trusts, angling groups on each catchment, and volunteers including school groups and vulnerable adults.</p>	<p><i>Outreach and Communications</i> <input type="checkbox"/></p>			
<p><b>Habitat improvement work in South Cumbria and North Lancashire</b></p> <p><b>Objective:</b> Several habitat improvement initiatives have been carried out on numerous salmon / salmonid rivers in south Cumbria and North Lancashire.</p> <p>This has included in-river flow deflectors and riparian tree planting (R. Bela), the creation of in-river large woody debris, bankside tree planting and fencing (R. Crake), 600m of riparian fencing to combat siltation / stock access (R. Kent) fencing, Fish easement creation on the base of a road culvert (wooden baffles) along with in-river large woody debris and 300m of riparian fencing (R. Wyre), 750m of fencing and 640 trees planted (R. Hodder)</p> <p><b>Responsible body:</b> Environment Agency, South Cumbria Rivers Trust</p>	<p><b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <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 checked="" type="checkbox"/></p> <p>Children/Youth <input checked="" type="checkbox"/></p> <p>Knowledgeable public <input checked="" type="checkbox"/></p>	<p>2019</p>	<p>ongoing</p>
<p><b>Greenholme Beck restoration (R. Crake)</b></p> <p><b>Objective:</b> The aim of the project was bypassing a weir structure known to restrict fish movement, whilst maintaining both the industrial heritage of the weir, mill leat and nearby water abstractors. This was achieved by re-instating Greenholme Beck back into its natural flow path (a paleo channel) whilst retaining some flow of water towards the historic weir and the artificially perched leat beyond.</p> <p><b>Responsible body:</b> A river restoration project was funded by the Conserving Coniston and Crake Heritage Lottery Fund, was delivered by South Cumbria River Trust and supported by a core group of individuals from various organisations (Environment Agency, Natural England and the Lake District National Park Authority)</p>	<p><b>Theme 1: Status of Salmon</b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: Salmon in a changing salmosphere</b> <input type="checkbox"/></p> <p><b>Theme 3: New Frontiers</b> <input type="checkbox"/></p> <p><b>Theme 4: Human Dimension</b> <input type="checkbox"/></p> <p><b>Theme 5: Information Systems</b> <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>2019</p>	<p>Click or tap to enter a date.</p>



<p><b>Film showing of ARTIFISHAL</b></p> <p><b>Objective:</b> To raise awareness about the issues affecting salmon populations through two showings of the acclaimed film ARTIFISHAL co-hosted by the Severn Rivers Trust and Environment Agency. 5 March 2020 Walker Theatre, Theatre Severn, Shrewsbury 12 March 2020 Sanctus Ltd, Sanctus House, Guedgley, Gloucester, GL2 4DH</p> <p><b>Responsible body:</b> Severn Rivers Trust and Environment Agency</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <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>05/03/2020</p>	<p>12/03/2020</p>
<p><b>IFM 10<sup>th</sup> Specialist Conference - Delivering Action for Salmon</b></p> <p><b>Objective:</b> To celebrate 10 years of IFM Specialist Conferences we have joined with the International Year of the Salmon (IYS) to host the flagship IYS conference for the UK. The conference will also be supporting World Fish Migration Day. The conference's aim is to bring people together to share knowledge, raise public awareness and to encourage people and businesses to sign up to action to protect and enhance wild Atlantic salmon across the 'salmosphere' as part of the International Year of the Salmon. The conference will be over three days with talks, posters and field trips that are focussed around the conference aims. Sessions will cover</p> <ol style="list-style-type: none"> <li>1. State of Atlantic salmon populations</li> <li>2. Industry leading change</li> <li>3. Planning for salmon</li> <li>4. Catchment Based Approach</li> <li>5. Managing fisheries sustainably</li> <li>6. Getting involved in salmon conservation</li> </ol> <p><b>Responsible body:</b> Institute of Fisheries Management To be held at: St Marys Heritage Centre, Oakwellgate, Gateshead NE8 2AU</p>	<p><b>Theme 1: <i>Status of Salmon</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 2: <i>Salmon in a changing salmosphere</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 3: <i>New Frontiers</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 4: <i>Human Dimension</i></b> <input checked="" type="checkbox"/></p> <p><b>Theme 5: <i>Information Systems</i></b> <input type="checkbox"/></p> <p><b><i>Outreach and Communications</i></b> <input checked="" type="checkbox"/></p>	<p>Decision makers <input checked="" 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>12/05/2020</p>	<p>14/05/2020</p>