

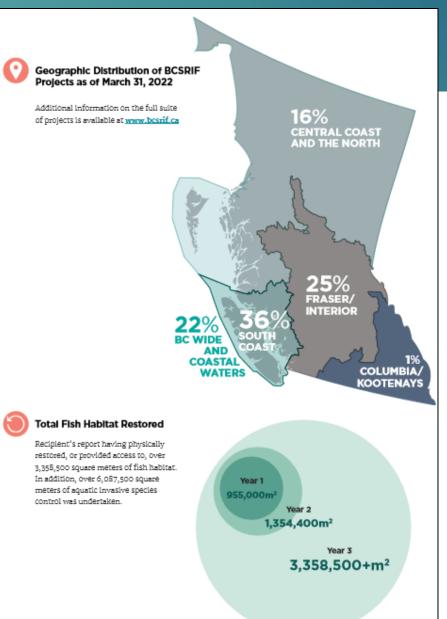
Provincial Update

Mike Turner Director of Policy Fisheries, Aquaculture, and Wild Salmon Ministry of Water, Land, and Resource Stewardship November 7, 2023



Provincial Initiatives

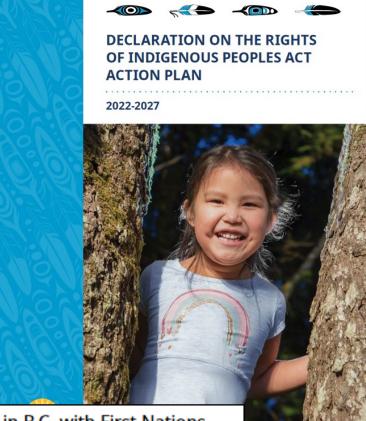
- The BC Salmon Restoration and Innovation Fund (BCSRIF) Phase 1 distributed over \$128M in funding to 97 projects across the province, these projects will all be completed by March 31st, 2024.
- BCSRIF staff are working with 73 Phase 2 projects to distribute \$127.3M
- Project announcements will be released over the coming weeks.





Provincial Initiatives

- B.C. and the First Nations Fisheries Council (FNFC) have been working together on shared priorities and have formalized their relationship.
- FNFC is a key convenor of First Nations and provincial agencies on fisheries.
- BC, DFO and FNFC are in collaborative discussions on a shared approach to wild salmon recovery in BC through a trilateral agreement.



2.9 Develop new strategies to protect and revitalize wild salmon populations in B.C. with First Nations and the federal government, including the development and implementation of a cohesive B.C. Wild Pacific Salmon Strategy. (*Ministry of Land, Water and Resource Stewardship*)



Watershed Security Strategy

- Next step in addressing wild salmon within their freshwater habitat.
- Will shape the future of watersheds and watershed management in B.C. and lead create changes for a future for B.C. where our watersheds are better cared for and stewarded together.
- Will address issues that threaten wild salmon within the freshwater environment by improving governance, data, and science, developing wholistic management approaches, and balancing the supply and demand for water at the watershed scale.
- B.C. invested \$100 million in the WSS&F that will further the legacy of contributing to watershed and salmon habitat protection and restoration.



Watershed Security Strategy and Fund Discussion Paper:

What We Heard

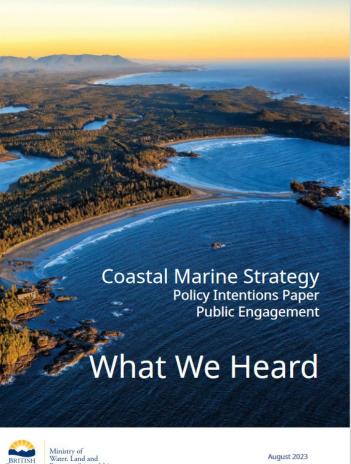


November 202



Coastal Marine Strategy

- The Province is co-developing a Coastal Marine Strategy (CMS) with First Nations
- Will set out a shared vision for healthy coastal marine ecosystems, community well-being, and a sustainable ocean economy.
- Salmon lens being applied to CMS and being weaved into CMS intentions.
- Will include actions that protect the health of the ocean and coastal habitats, where wild Pacific salmon feed and grow.





Habitat Programs

- Reorganization of MoF and WLRS biologists and regional function
- BC provided a grant of \$15 M to PSF and FNFC to support ongoing collaboration
- PSF, BC, DFO partnered to quickly respond to high-priority drought issues
- Riparian Areas Protection Regulation Program
- Provincial wetland policy development
- Fish habitat restoration projects 2021 flood event
- Drought management environmental flow needs
- BC Fish Passage Program
- FRPA fisheries sensitive watersheds



Provincial Aquatic Invasive Species

- All water bodies with new detections will immediately be closed to fishing for that species.
- Some water bodies with high-risk introductions may be closed indefinitely to ALL fishing.
- Where feasible, high-risk aquatic invasive species (AIS) will be eradicated from watersheds.
- Where eradication is not immediately feasible, measures to manage risk and prevent AIS spreading (such as special regulations) will be implemented.
- For a limited number of lakes, AIS may be managed as a regulated fishery which could be terminated

FRESHWATER FISHING REGULATIONS SYNOPSIS

2023-25 EFFECTIVE APRIL 1, 2023 THROUGH MARCH 31, 2029





BC Wildlife Act

An Identification Guide to

PROHIBITED AQUATIC INVASIVE SPECIES

in British Columbia



- Provincially regulated invasive fish species
 - Prohibitions: Possess, Breed, Ship/Transport or Release
- Schedule 3 listed species commonly sold in pet-aquarium industry, including:
 - Snakehead spp.
 - Tench
 - Western Mosquitofish
 - Oriental weatherloach





Invasive Fish – What can you do?

- Follow rules on bait usage (no fin fish, alive or dead)
- Where fishing regulations permit, harvest the invasive fish
- Where fisheries for the invasive fish are closed, you must not target these species and any incidental catches must be released.
- If you suspect your catch is a new introduction, harvest it (or take a photo if regulations require release) and report it using the Provincial reporting tools
- It is ILLEGAL to possess live fish or release live fish into B.C.'s lakes or streams. Persons convicted for a first offence of the illegal movement of aquatic invasive species could be fined up to \$100,000 and/or receive a prison term of up to 12 months.





Provincial Website & Resources



Environmental protection and sustainability > Plants, Animals & Ecosystems > Invasive species > Home >

Priority invasive species

- Plants
- Birds

Amphibians and reptiles

Mammals

Fungus and disease

Fish

Insects and spiders

Invertebrates other than insects and spiders

Inter-Ministry Invasive Species Working Group

Invasive species management in B.C.

Invasive Fish

Invasive fish are fish from one part of the world that are transported, or migrate due to climate change, beyond their natural range and become established in a new area where they can cause potential harm to native ecosystems.

There are 5 priority categories for fish which determine the province's response.

- 1. Prevent
- 2. Early detection and rapid response (EDRR)
- 3. Provincial Containment
- 4. Regional containment/control
- 5. Management

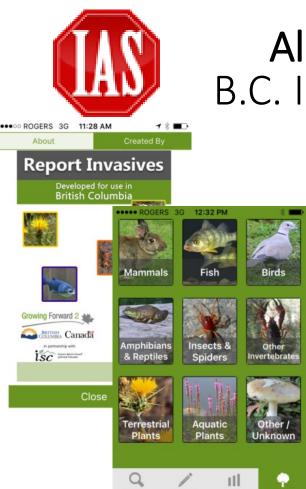
The fish on this page are organized into these categories.

www.gov.bc.ca/invasive-species

INVASIVE SPECIES ALERT!			
SMALLMOUTH BASS (Micropterus	dolomieu)		
ATIVE RANGE Imailmouth Bass are native to central and eastern North America, extending from the Great Lakes in Quebec to as far south as central Texas.	REPORT INVASIVE SPECIES www.reportinvasives.ca		
 SALETION BILL. A. P. A. P. A. P. A. P. A. P. A. D. A. M. M. A. M. M.	<image/>	Biology & Seetab disidiant are being interclosulty reases into B.C. watersackits by pett appecies is an effective introduces that ballies to negative, main sometime and estimation of the abilities to negative personance without a demonstrative and organism in these powers and attermit, and negativy presets surrounding weter bodies. Habirtar Preferres balliests or disordata includes interains and goods, distars, and oppose. They find the water set where their signature of the preferres balliests or disordata includes interains and goods, distars, and oppose. They find the water set where their signature disordance water the signature and the signature and the signature disordance water the signature and the signature and the signature disordance water the signature and the signature and the signature disordance water the signature and the signature and the signature disordance water the signature and the signature and the signature and the signature disordance water the signature and the signature and the signature and the signature and the signature disordance water the signature and the signat	d o



Invasive Species Reporting tools



All Invasive Species B.C. Invasive Species App

- Information to include:
 - Photo
 - Location
 - Date the animal was observed

Invasive Mussels 1-877-952-RAPP (7277)



www.gov.bc.ca/invasive-species



Provincial Contacts

Aquatic Invasive Animals Primary Contact:

Amalis Riera Aquatic Invasive Fauna Specialist Ministry of Water, Land and Resource Stewardship Office: 236-475-3055 Email: <u>Amalis.RieraVuibert@gov.bc.ca</u>

Aquatic Invasive Plant Contact:

Becky Brown Provincial Invasive Plant EDRR Coordinator Ministry of Forests Email: <u>Becky.Brown@gov.bc.ca</u>

Aquatic Invasive Animals Secondary Contact:

Martina Beck Unit Head, Freshwater Applied Science and Programs Ministry of Water, Land and Resource Stewardship Phone: 250-208-6520 Email: <u>Martina.Beck@gov.bc.ca</u>