

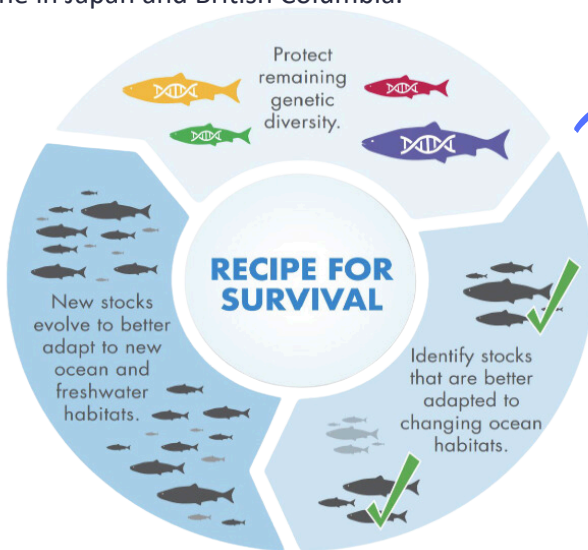
# Wild Salmon

**Q: What is happening to Pacific salmon populations globally?**

**A:** There are unexplained fluctuations in Pacific salmon abundance on an international scale. Declines in abundance and size have been reported in all five countries with Pacific salmon capture fisheries in the Pacific Ocean.

**Q: What is believed to be causing changes in Pacific salmon populations?**

**A:** The warming of our oceans, which absorbs 90% of the earth's excess heat, is generally believed to be altering salmon survival. This warming is thought to contribute to the increase in salmon production in Alaska and Russia and the decline in Japan and British Columbia.



**Q: Is there hope for the future of Pacific Salmon?**

**A:** Yes, there is hope! Salmon have relied on their genetic diversity to survive changes in freshwater and ocean environments in the past, and it is possible they can do so again.

**Q: What needs to be done to conserve wild Pacific salmon?**

**A:** To conserve wild Pacific salmon, it is essential to learn what is happening in the high seas, nearshore and terrestrial environments and understand the mechanisms that control Pacific salmon populations. This requires new ways of thinking and cooperation throughout the North Pacific region.

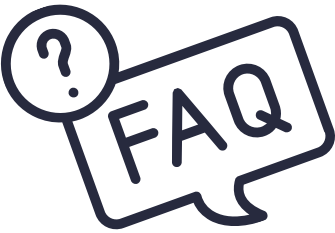
**Q: How do wild Pacific salmon interact with British Columbia's environment?**

**A:** Wild Pacific salmon play a crucial role in British Columbia's environment by linking marine and terrestrial ecosystems. They spend part of their life in the ocean, where they contribute to nutrient cycling and support marine food webs. When they return to freshwater streams to spawn and die, their decaying bodies enrich the soil and provide nutrients for terrestrial plants and wildlife, enhancing the overall health of the ecosystem.

**Q: How are salmon farmers contributing to Pacific salmon conservation?**

**A:** Salmon farmers are uniquely positioned to help with conservation initiatives due to their expertise in salmon, oceanography and their year-round presence in coastal BC waters. The salmon farming sector has been actively involved in research and conservation projects with First Nations, the scientific community, the Department of Fisheries and Oceans (DFO), and local coastal communities for many years.

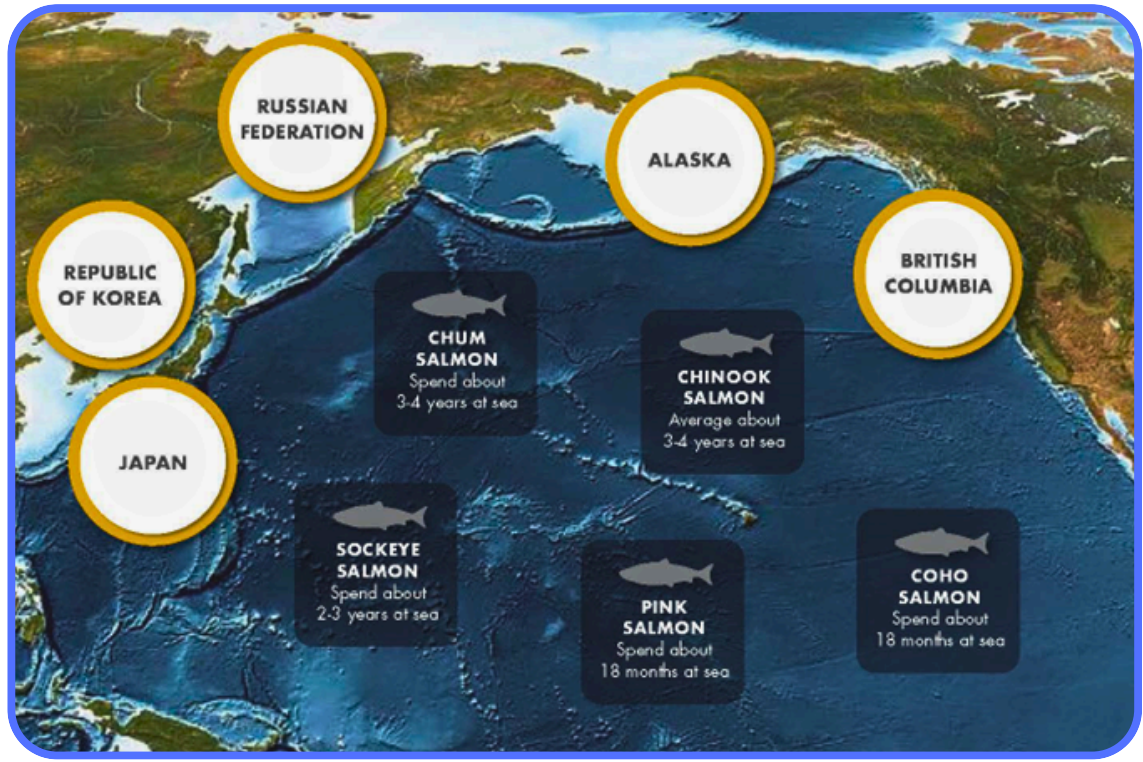




# Wild Salmon



**Did you know?**  
There are 5 species of Pacific Salmon, and each type spends a different length of time at sea before returning to its freshwater stream to spawn!



## Want to learn more?

Scan the QR code to check out *“Modern Salmon Farming: A Review”* for info on:

-  Indigenous Stewardship in Aquaculture
-  Feed Sustainability
-  Protecting Biodiversity
-  Sea Lice Management

*and more!*



*“Modern Salmon Farming: A Review”*  
Commissioned By



*“Modern Salmon Farming: A Review”*  
Prepared By

