

WHO ARE THE SOUTHERN RESIDENT KILLER WHALES?

The Southern Resident Killer Whales (SRKW) are a genetically and culturally distinct group of orcas that rule the Salish Sea as an apex predator



SRKW's live cooperatively within multi-generational family groups called **pods**.

Unlike most other species on earth, these communities are led by a **matriarch**, the oldest female in the group.

There are currently 3 pods: J pod, L pod, and K pod

Just like humans, each SRKW has their own unique personality, and are known for their **empathy** and **charisma**



TODAY ONLY 72 SOUTHERN RESIDENTS REMAIN

THE 3 FACTORS DRIVING EXTINCTION



1. LACK OF PREY

The SRKW diet consists of **80%** Chinook Salmon, which are also **critically endangered**

Four dams constructed on the lower Snake River in eastern Washington have led to a **90% reduction** in wild Chinook Salmon populations

2. WATER TOXICITY

Persisting PCBs in the ocean, in addition to industrial and commercial pollutants that make their way to the sea accumulate in SRKW bodies, **weakening** their immune systems and **stunt** their ability to reproduce



3. NOISE POLLUTION

Noise pollution caused by high levels of vessel traffic and unsafe boating practices impact SRKW's ability to **locate food** sources, **navigate** the ocean, and **communicate** with each other



THE COST OF SAVING A SPECIES

Saving the Southern Resident Killer Whales is crucial due to their ecological, cultural, and economic significance

THE SOLUTION: BREACH THE FOUR DAMS ON THE LOWER SNAKE RIVER

Today the dams are essentially useless

Wind and Solar energy solutions in the Pacific Northwest have replaced the energy produced by the lower four dams **6x over**

The Cost Savings of Dam Removal:

- Over 10 years : **\$1.6 billion**
- Over 20 years : **\$4.61 billion**

BENEFITS OF DAM REMOVAL

- **2.5x increase in salmon production in the Snake River**
- **5-fold increase - between \$4 billion and \$7 billion - over 10 years in new annual revenue from tourism, recovered fish runs, and outdoor recreation**
- **Southern Resident Killer Whales primary food source restored**





PODCAST. EDUCATION. ADVOCACY

Visit us at www.breachingextinction.com

THE TIME TO ACT IS NOW

HERE'S WHAT YOU CAN DO TO HELP THE SRKW

1. CONTACT THE PEOPLE IN CHARGE

1. Call and write to politicians and demand the breaching of the Lower Four Snake River Dams:

Governor of Washington: Jay Inslee

Phone: (360) 902-4111

Address: 416 14th Ave., SW Olympia, WA 98504

Senators of Washington:

Maria Cantwell

Phone: (202) 224-3441

Address: 915 Second Ave., Suite 3206 Seattle, WA 98174

Patty Murray

Phone: (425) 259-6515

Address: 2988 Jackson Federal Building 915 2nd Ave. Seattle, Washington 98174

US Army Corps of Engineers

Phone: (202) 761-0000

Address: PO Box 3755 Seattle, WA 98124-3755

2. Sign the petition demanding the removal of the Dams. Find the petition at www.breachingextinction.com

2. CONSUME RESPONSIBLY

1. Eat sustainably wild caught fish. Check out the Seafood Watch page at seafoodwatch.org to find a guide for sustainable eating
2. Stop buying, eating, ordering, and supporting farmed salmon
3. Buy local and organic
4. 91% of plastic is NOT recycled. Practice the 3 R's- reduce, reuse, and recycle. Decreasing your plastic consumption saves lives
5. Be aware of the harmful chemicals in household products. Choose Eco-friendly household cleaning products
6. Be mindful of the media you consume. Not everything on the internet is true. Having accurate scientific info is CRUCIAL
7. Turn your lights off
8. Decrease your carbon emissions - ride your bike, walk, carpool, and take the plane less

3. SPREAD THE WORD

While SRKW have the ability to communicate with one another using different dialects, they aren't able to voice their needs to people

We **MUST** use our voices to speak out for those who can't speak for themselves

Humans, like whales are social animals and follow the actions of others. Have conversations with friends, family, and peers to **raise awareness** and encourage others to **take action**

For more information on all things SRKW and what you can do go to www.breachingextinction.com

TRIBAL AFFILIATIONS The Salish Sea



FEDERALLY RECOGNIZED NATIVE AMERICAN TRIBES OF THE PUGET SOUND WATERSHED*

Confederated Tribes of the Chehalis Nation | Hoh Indian Tribe | Jamestown S'Klallam Tribe | Lower Elwha Klallam Tribe | Lummi Nation | Makah Nation | Muckleshoot Tribe | Nisqually Indian Tribe | Nooksack Indian Tribe | Port Gamble S'Klallam Tribe | Puyallup Tribe of Indians | Quileute Nation | Quinault Indian Nation | Samish Indian Nation | Sauk-Suiattle Indian Tribe | Skokomish Tribe | Snoqualmie Indian Tribe | Squaxin Island Tribe | Stillaguamish Tribe of Indians | Suquamish Tribe | Swinomish Indian Tribal Community | Tulalip Tribes | Upper Skagit Tribe

NON-FEDERALLY RECOGNIZED NATIVE AMERICAN TRIBES OF THE PUGET SOUND WATERSHED*

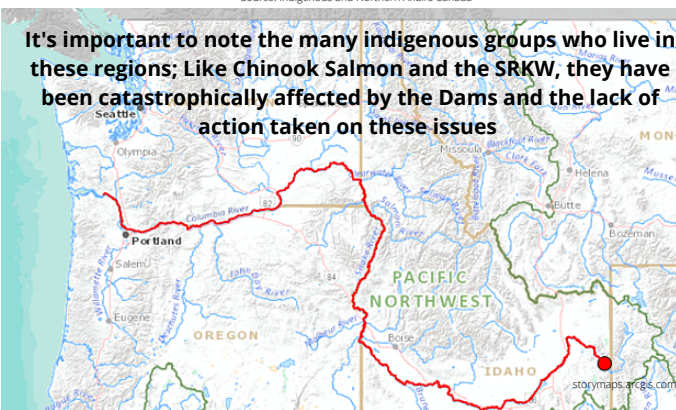
Duwamish Tribe | Kikiallus Indian Nation | Marietta Band of Nooksack Tribe | Snohomish Tribe | Snoqualmoo Tribe | Steilacoom Tribe

*Source: Governor's Office of Indian Affairs, State of Washington

FIRST NATIONS OF THE SALISH SEA WATERSHED IN CANADA**

Cowichan | Esquimalt | Halalt | Homalco | Klahoose | Komoks | Kwakwaka'wakw | Lyackson | Malahat | Musqueam | Nanoose | Pacheedaht | Pauquachin | Penelakut | Qayqayt | Qualicum | Soa'new | Sechelt | Semiahmoo | Sliammon | Snuneymuxw | Songhees | Squamish | Stz'uminus | Tsartlip | Tsawout | Tsawwassen | Tseycum | Tsilil-waututh | Tsou-ke | WeiWai Kai | WeiWai Kum

**Source: Indigenous and Northern Affairs Canada



It's important to note the many indigenous groups who live in these regions; Like Chinook Salmon and the SRKW, they have been catastrophically affected by the Dams and the lack of action taken on these issues

FEDERALLY RECOGNIZED NATIVE AMERICAN TRIBES OF THE SNAKE RIVER*

Burns Paiute Tribe | Nez Perce Tribe | Fort McDermitt Paiute Shoshone Tribe | Shoshone-Bannock Tribes of the Fort Hall Reservation | Shoshone-Paiute Tribes of Duck Valley Indian Reservation

*Source: usbr.gov

FIRST NATIONS OF THE SNAKE RIVER**

Tenino | Umatilla | Walla Walla and Cayuse | Nez Perce | Snakes | Klickitat | Yakima | Wanapum | Palouse | Upper Yakima (Kittitas) | Wenatchee | Columbia-Sinkuse | Spokane | Coeur d'Alene | Flathead | Kalispel and Pend d'Oreille | Kutenai

**Source: "The Palouse and neighboring tribes, circa 1800) Renegade Tribe: The Palouse Indians and the Invasion of the Inland Pacific Northwest