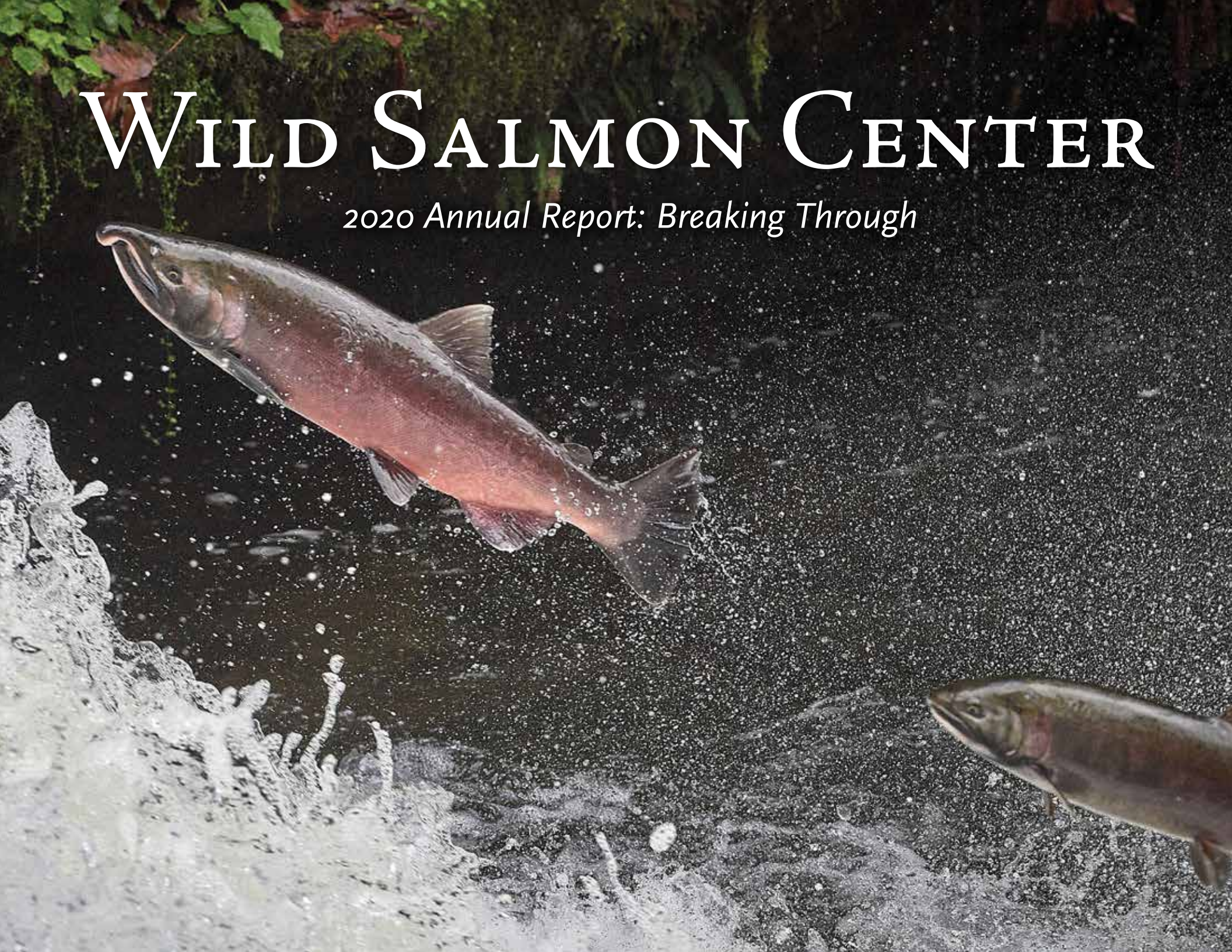


Wild Salmon Center

2020 Annual Report: Breaking Through

A LETTER FROM THE PRESIDENT

Breaking Through

Between wildfires, the pandemic, and historic economic, political, and social disruptions, 2020 was one of the most challenging years that the Wild Salmon Center has ever experienced. And yet, 2020 also proved to be a year of breakthroughs.

In early 2020, our decades-long battle with the Oregon timber industry over adequate stream protections came to a head. With high stakes—namely, the ecological health of 40,000 miles of streams and rivers flowing through billions of dollars of standing timber on private lands—WSC's Bob Van Dyk led a coalition of conservation groups into negotiations with major state and national timber companies, mediated by Democratic Governor Kate Brown. The goal is to complete a statewide private forestland conservation agreement and have it codified by early 2022. In June 2021, I welcomed both sides for the first post-vax in-person meeting at our offices: a sight I couldn't have imagined back in the 1990s, when Bob and I launched this fight.

Then in August, it looked certain that the U.S. Army Corps of Engineers would approve a permit to construct Pebble Mine in the headwaters of Alaska's Nushagak and Kvichak rivers—the latest development in a 15-year campaign to protect Bristol Bay led by Alaska Natives and a broad coalition of salmon champions and advocates, including WSC.

Within weeks of the expected permit approval, I met Nick Ayers, a sportsman and influential Republican. Nick agreed that Pebble was an unacceptable threat to Bristol Bay and asked if he could help.

What happened next is one for the ages. Between outspoken advocacy from Nick and other prominent Republicans, Democratic leadership, and the relentless work of the Bristol Bay Defense Fund coalition and WSC's Alaska team, Pebble Mine became the biggest environmental issue in Washington in a matter of weeks.

At WSC, we talk about building the kind of local "immune response" infrastructure that enables watershed communities to repel threats from dangerous development. This immune response went national, and it forced the Army Corps to give Pebble the scrutiny it deserved. Ultimately, the agency denied the permit: a rare instance of the Alaska office stopping a large natural resource development project. Now, the stage is set to secure permanent protections for Bristol Bay.

How did we make these monumental strides?

Our strength comes from clarity of mission, a focus on science, and a close network of collaborators that includes prominent Republicans, Democrats, Indigenous leaders, scientists, and allies from the US, Canada, and Russia. Indeed, the diversity of viewpoints on our board and among our supporters is one of our key assets.

That diversity is bonded by a shared belief: that we must leave our children and grandchildren a network of large, intact, thriving watersheds for wild salmon, trout, and steelhead. Because our salmon strongholds are not only critical centers of biodiversity and food security, but refuges from the stresses of modern life, and places that preserve our ancient—and irreplaceable—link to the natural world.

Thank you, friends, partners, and supporters, for working with us to protect these beautiful rivers and all the species they support, especially in this year of extraordinary challenges.

Guido Rahr
President and Chief Executive

Jason Ching

Bristol Bay, ALASKA

Alaska

Political leaders join federal scientists in speaking up for Bristol Bay, and the U.S. Army Corps denies Pebble Mine a key federal permit (p. 6).

Oregon Coast

WSC leads a conservation team into historic negotiations to protect salmon and other species on 11 million acres of private forestland (p. 8).

A 70-year plan for the Tillamook and Clatsop State Forests moves forward, with protections for priority rivers like the Nehalem, Salmonberry, and Kilchis (p. 9).

Thirty Coast Coho Partnership projects are underway on the Oregon coast, with nearly $3 million channeled into the restoration of six coastal watersheds in the last three years (p. 14).

British Columbia

WSC scientists and partners are mapping the DNA of hundreds of wild Pacific salmon and steelhead runs in order to ensure that harvest preserves salmonid genetic diversity (p. 10).

Progress acro

2020: a breakthrough year for salmon

clean water, healthy forests, and wild sal

ss the Pacific

advocates, delivering major wins for
mon and steelhead in stronghold rivers.

Washington Coast

WSC is working with the state to include productivity, distribution, and population diversity in wild steelhead management (p. 12).

Governor Inslee intercedes to ask for serious alternatives to the proposed 24-story Chehalis Dam on one of the state's best remaining salmon and steelhead rivers (p. 13).

The Cold Water Connection campaign continues to make progress, with 11 culvert projects reconnecting 16 river miles (p. 13).

Russian Far East

A full 70 percent of Kamchatka salmon fisheries by volume are now either certified by the Marine Stewardship Council or actively in pre-certification (p. 16).

Science and Policy

At a time of escalating drought, our new Oregon Water Initiative puts water rights front and center (p. 18).

Why we must give spring Chinook a fighting chance on rivers like the Klamath and Snake (p. 20).

Salmon strongholds and priority lands for carbon sequestration (p. 22).

A Dramatic Defense of Bristol Bay

Entering summer 2020, our battle to defend Bristol Bay looked bleak. Pebble Mine, which would tear a gash through the headwaters of North America's greatest salmon stronghold, seemed headed for certain federal approval.

Then in late July, as a U.S. Army Corps decision neared, we joined with Native leaders and fishermen at the Bristol Bay Defense Fund on a media campaign that quickly became a national firestorm. The cold, hard facts about this proposed mine played over and over on the airwaves and in prominent social media feeds: hundreds of miles of salmon streams and thousands of acres of wetlands to be destroyed in the Nushagak and Kvichak watersheds, with billions of tons of toxic waste left there forever.

After outreach by Wild Salmon Center and partners, prominent Democrats and Republicans began calling for Bristol Bay's protection. Then, as new evidence emerged about Pebble's backroom dealings with Alaskan politicians, the state's two U.S. senators turned definitively against the mine. "No Pebble Mine," tweeted Sen. Dan Sullivan, in the midst of a fall reelection fight.

It was a stunning bipartisan rebuke of Pebble, and clear consensus for protecting Bristol Bay. Political leaders finally aligned with federal scientists, who had unanimously criticized Pebble as a threat to Bristol Bay.

In November, the Army Corps denied Pebble its key federal Clean Water Act permit.

With bipartisan support for protecting Bristol Bay, the Biden Administration can—without controversy—now direct the Environmental Protection Agency to stop the mine for good. This is the chance for WSC and our allies to bring the Pebble campaign to its conclusion. We need one more resounding victory.

"It's now time for the Biden Administration to permanently protect Bristol Bay against the threat of mining."
—WSC Alaska Program Director Emily Anderson

Pebble: the Last Chapter

The Call to Protect Bristol Bay, released this year by Bristol Bay Tribes and local communities, asks the Environmental Protection Agency to use the Clean Water Act to veto the Pebble Mine. The Call also asks Congress to establish the Bristol Bay National Fisheries Area, which would restrict future hard rock mining in the watersheds draining into Bristol Bay. WSC is proud to stand with the Tribes and communities of Bristol Bay, and is actively working to support permanent protections for the region's rivers in Washington, DC.

Cassie Bergman

Better Oregon Forestry: Getting Down to Business

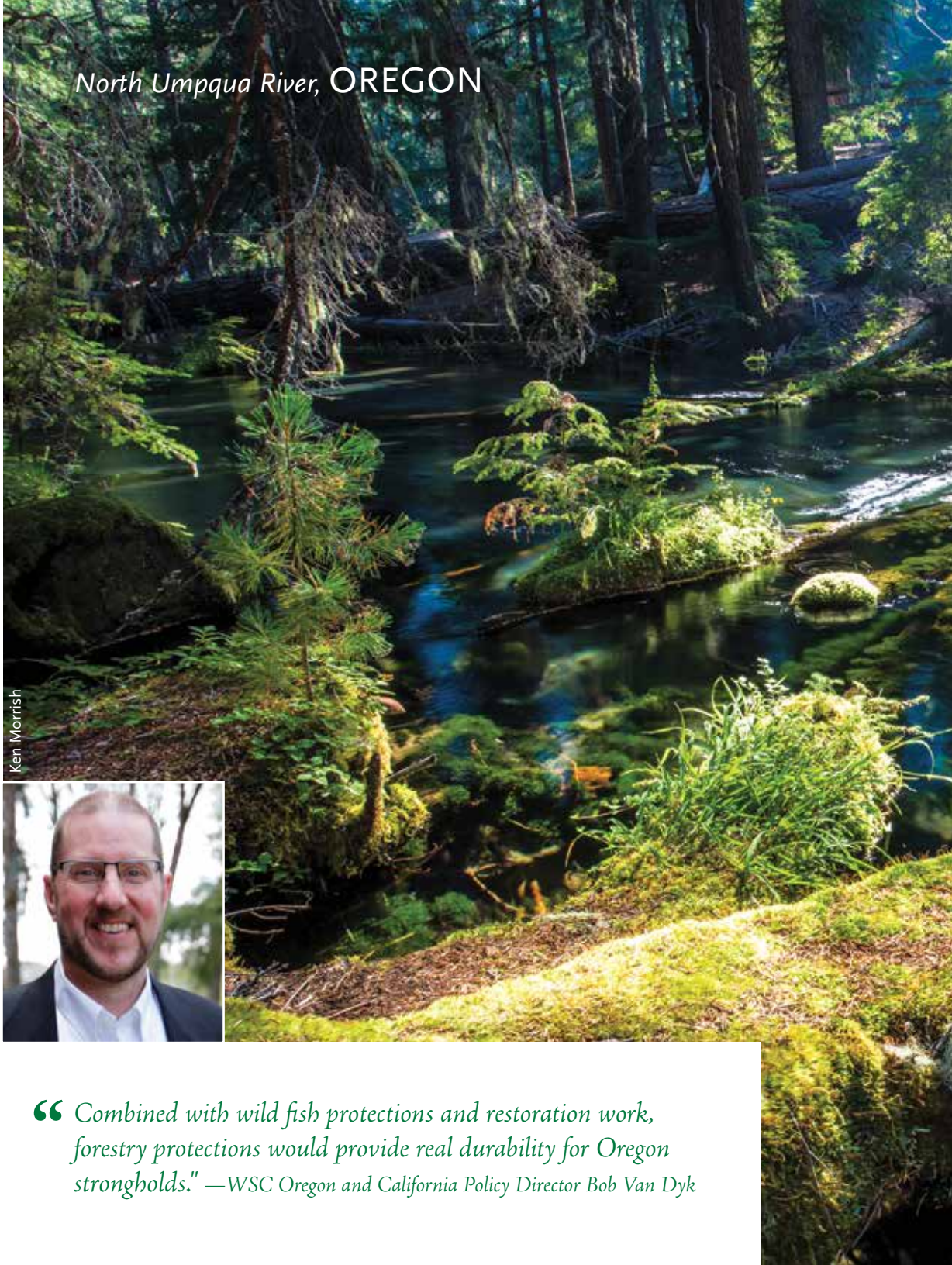
The temperate rainforests of the Oregon Coast harbor some of the strongest remaining wild salmon and steelhead runs in the Lower 48. But Oregon's strongholds, from the Rogue north to Tillamook Bay, all flow through large tracts of private forestland—11 million acres across the state. And with the weakest streamside protections on the West Coast, Oregon's salmon runs remain vulnerable to the rising temperatures and lower stream flows that come with climate change.

Last year, Wild Salmon Center achieved a breakthrough agreement with Oregon timber companies to negotiate new protections for salmon and aquatic species on private forestland, as part of a new statewide Habitat Conservation Plan. Following enabling legislation passed in June 2020, WSC's Bob Van Dyk and his conservation team prepared extensively for a return to the negotiating table this February 2021, under the leadership of Governor Kate Brown and her staff.

In addition to winning stronger protections along salmon streams and rivers, our team aims to secure forested buffers along feeder streams—those small tributaries, often originating on steep slopes, that are big contributors to drinking water and habitat quality for fish and wildlife. And science shows that adequate shading throughout Oregon's entire stream network will help keep water temperatures viable for salmon, even with climate change.

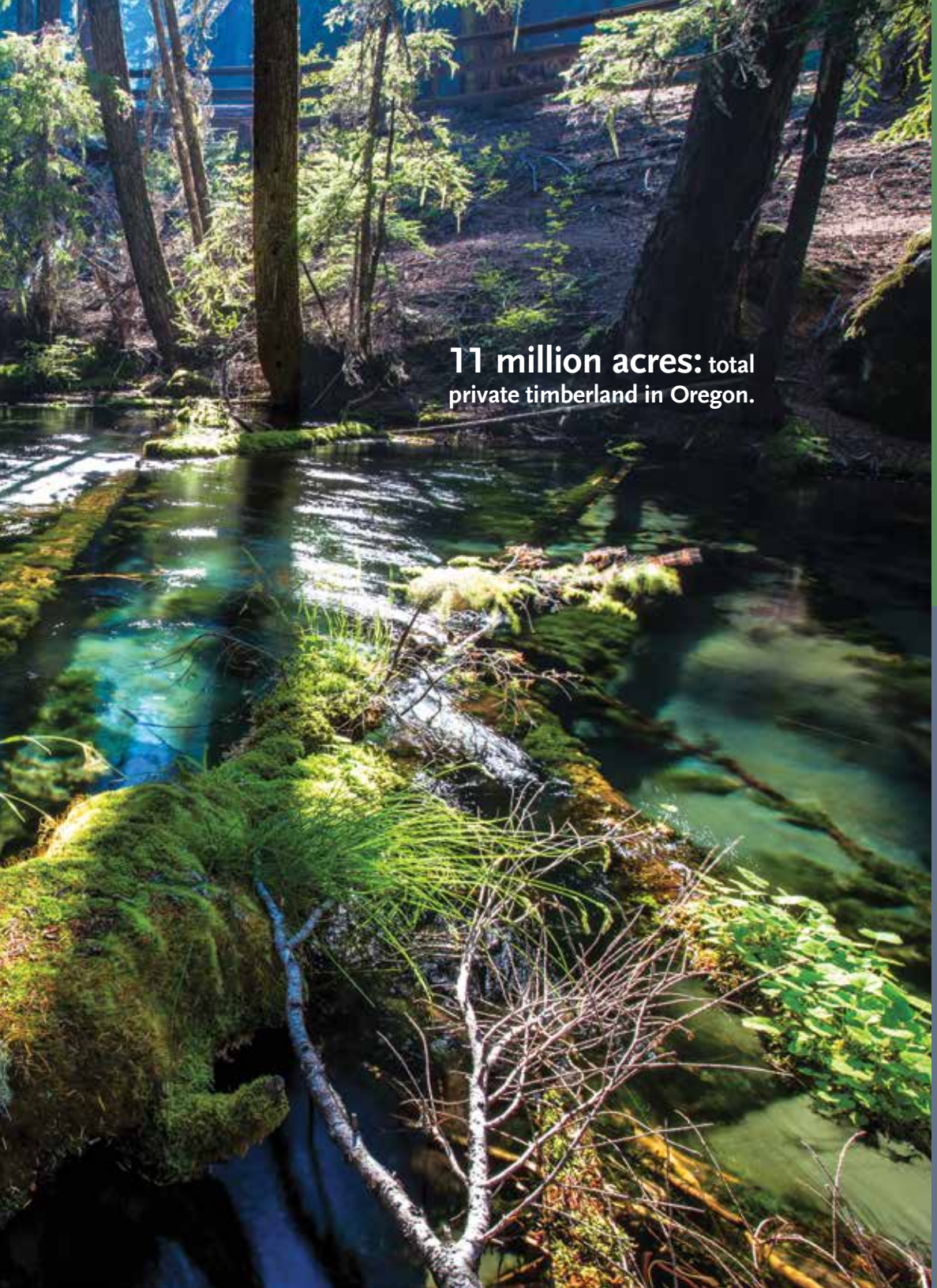
Both negotiating parties hope to send their proposed new rules to the Oregon Legislature for approval in early 2022, hopefully then signed by Gov. Brown in her last year in office. Federal fish and wildlife agencies would then review the plan for final approval, ensuring it will help recover threatened salmon and other aquatic species.

Achieving this outcome across 11 million acres of private timberland and tens of thousands of miles of salmon and trout streams would be a once-in-a-generation leap forward for wild fish and all who love them in Oregon.



Ken Morrish

> *"Combined with wild fish protections and restoration work, forestry protections would provide real durability for Oregon strongholds." —WSC Oregon and California Policy Director Bob Van Dyk*



A 70-year Plan for the Tillamook

For 20 years, WSC has been fighting to protect salmon streams in the Tillamook Rainforest, a globally important salmon stronghold anchored by 500,000 acres of state forestland in Tillamook and Clatsop Counties, less than an hour west of downtown Portland. Success is closer than ever. On October 6, 2020, the Oregon Board of Forestry voted unanimously to move ahead with a plan to protect roughly half of the state's forestland in stream and forest reserves for 70 years. That includes significant new conservation areas tied to stronghold rivers including the Nehalem, Kilchis, and Salmonberry. Combined with a successful private forests plan, wild fish protections, and our restoration work led by WSC, strong state forest protections will help ensure durable protections for the region's six stronghold rivers. Stay tuned for ways to help our campaign push this plan over the finish line.

Smarter Fisheries to Protect Wild Runs in B.C.

West of Vancouver Island, a commercial fisher catches a bright Chinook salmon. We're in British Columbia's territorial waters. But are these fish...Canadian?

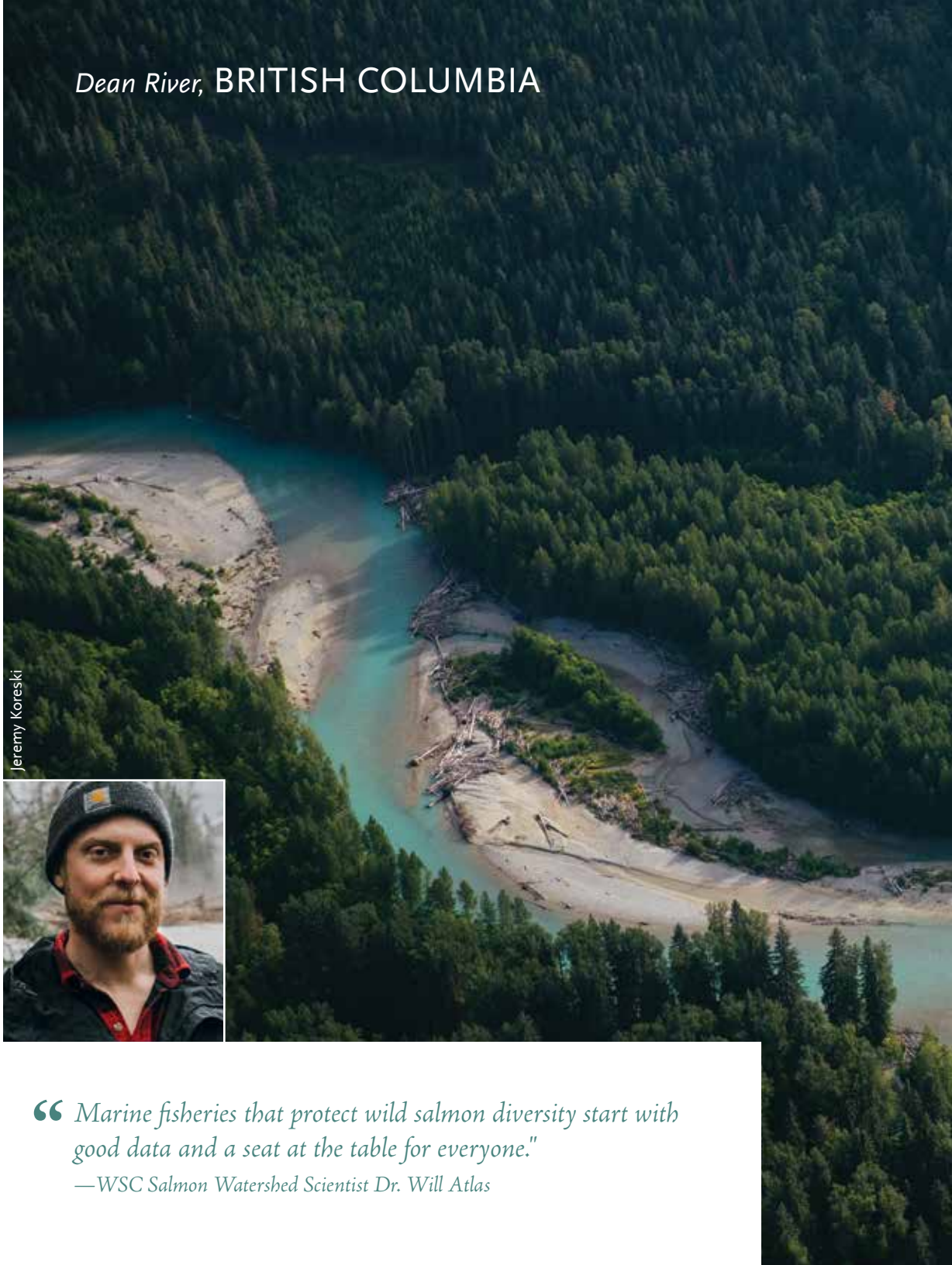
Until recently, fishers operating here—or in Haida Gwaii, Alaska, or off the Washington Coast—would have little way of knowing. Marine fisheries are "mixed-stock," with both vulnerable and healthy salmon runs intermingling during coastal migrations. A fisheries analysis from WSC Salmon Watershed Scientist Dr. Will Atlas finds that more than 70 percent of the marine Chinook salmon catch from Southeast Alaska to Oregon's Cape Falcon is harvested in mixed-stock fisheries, with almost 40 percent caught outside their home state or province.

For instance, in recent years, an average 45 percent of the total Chinook run to Washington's Queets River has been harvested in Alaska and B.C., and 33.5 percent of Skagit River Chinook.

"Salmon traverse multiple jurisdictions; that's a fundamental truth," says Dr. Atlas. "We want to understand where they're caught, to support the larger conversation about how and when we fish."

That's the aim of the **B.C. wild salmon ID project, a genetic library from WSC scientists and partners that maps the DNA of hundreds of wild Pacific salmon and steelhead runs,** starting with B.C.'s Central Coast. This tool could inform a new dialog on fishery refinements to better safeguard vulnerable stocks. Addressing the harvest of vulnerable runs is key to protecting the genetic diversity and unique survival strategies of wild salmon and steelhead, both fundamental to the species' long-term survival.

"This will be the ultimate shared resource for fishery assessment," says Dr. Atlas. "Because smarter salmon fishing starts with good data and a seat at the table for everyone."



Dean River, BRITISH COLUMBIA

Jeremy Koreski

> *"Marine fisheries that protect wild salmon diversity start with good data and a seat at the table for everyone."*
> *—WSC Salmon Watershed Scientist Dr. Will Atlas*

Safeguarding the Babine Watershed

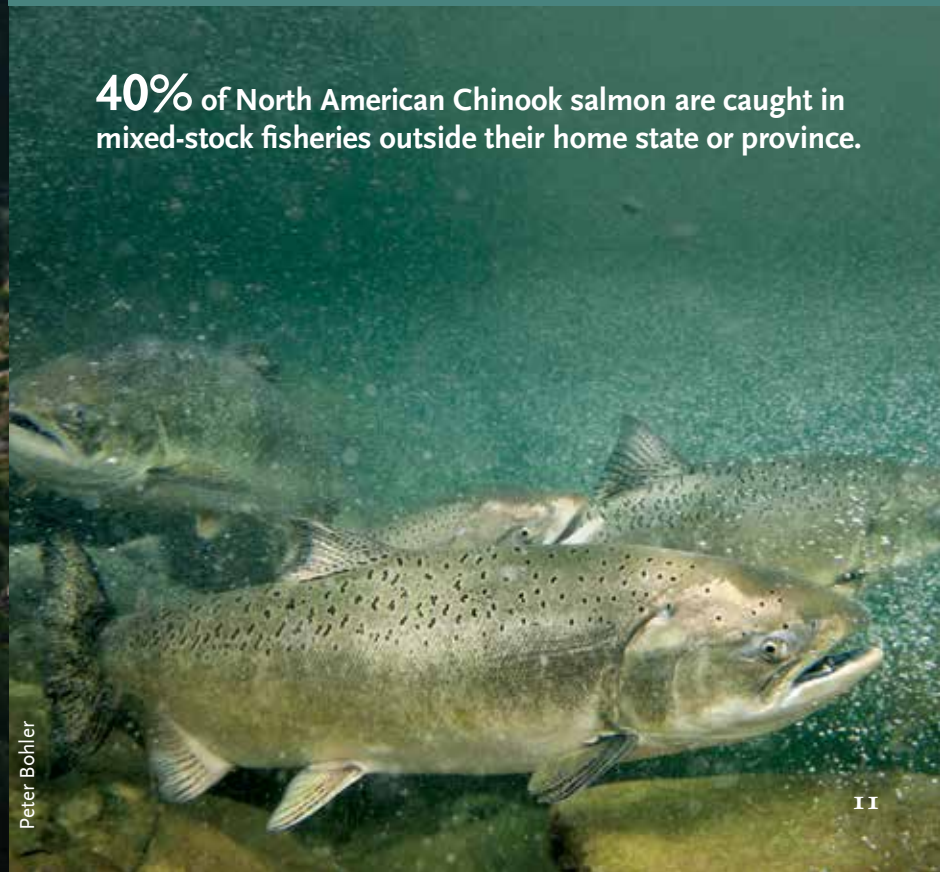
Can sustainable forest practices coexist with Canada's salmon strongholds? Yes, says Greg Knox, Executive Director of WSC partner SkeenaWild.

A place to start is the Babine River, a Skeena tributary that's home to famous steelhead lodges and sockeye fisheries for the Gitxsan and Lake Babine First Nations. But as Big Timber presses in from the east, poor oversight lets operators log down to water lines, while market forces push overharvest, outsourcing, and bad land stewardship.

But a 2020 SkeenaWild study offers solutions, from local timber processing and Indigenous-led land use planning to third-party environmental certifications.

"We have the tools," Knox says. "Now we need to use them to protect these watersheds."

40% of North American Chinook salmon are caught in mixed-stock fisheries outside their home state or province.



Peter Bohler

Stepping Up for Wild Olympic Peninsula Steelhead

When it comes to salmon and steelhead management at the Washington Department of Fish & Wildlife, the byword is abundance: how many fish—in theory—can be harvested and still sustain populations.

But Washington steelheaders now face hard choices. In recent years, coastal Tribes have proactively responded to steelhead declines by voluntarily cutting their own fishing days. And in December 2020, with many runs projected to fall below escapement goals for the fifth straight season, WDFW issued emergency regulations for steelheading on all coastal rivers, including a ban on fishing from boats and bait fishing.

Now, after dialog with Wild Salmon Center and other stakeholders, WDFW is expanding its wild fish management to include productivity, distribution, and population diversity. This broader view of steelhead health is long overdue, says WSC Washington Director Jess Helsley.

"What we do in the next few years will make the difference for wild Olympic Peninsula steelhead," says Helsley. "This is our last chance to get it right. To finally expand our management mindset beyond simple abundance."

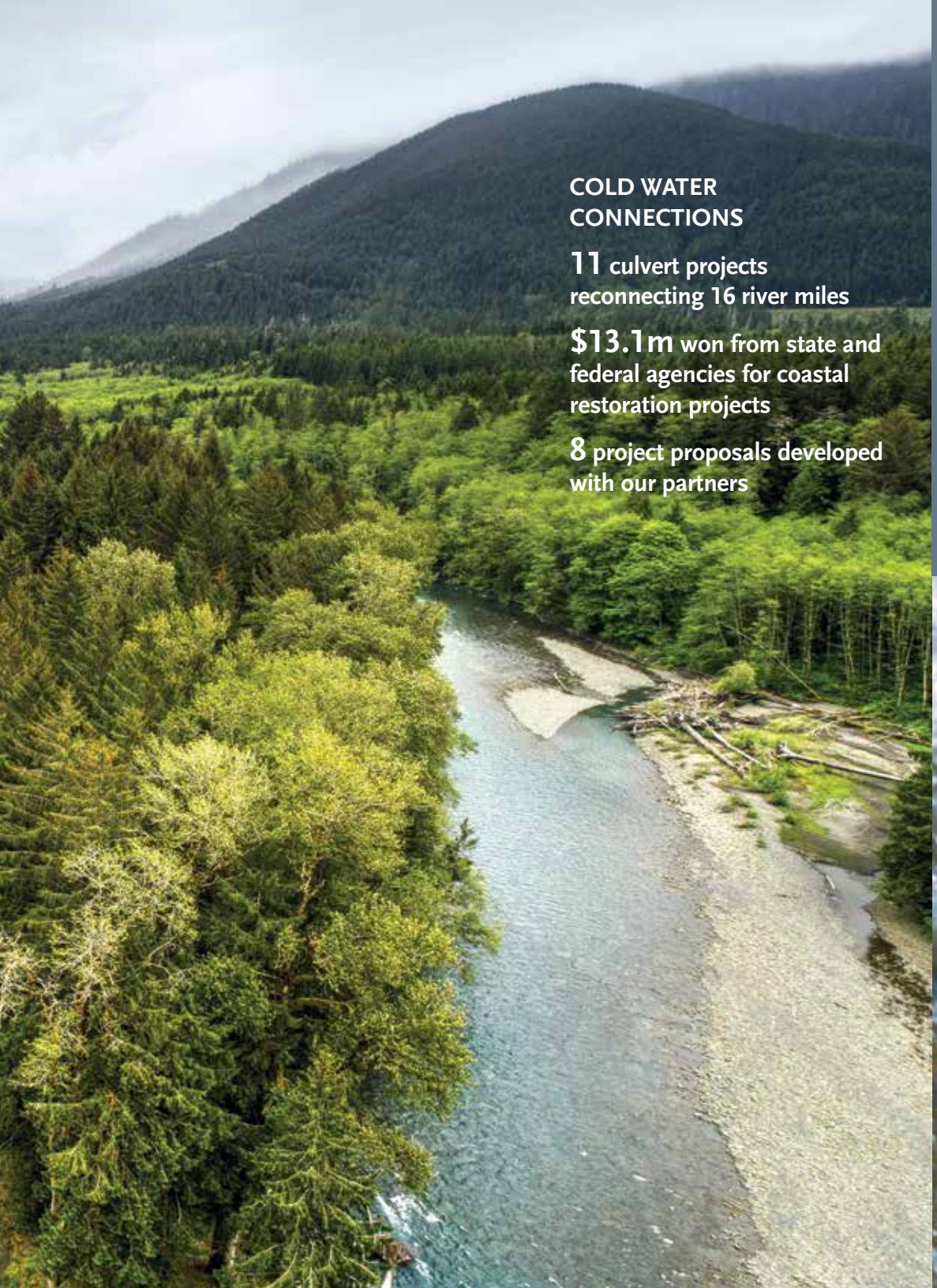
To support that dialog, WSC is bringing a wider lens to conservation science. Currently, many managers use only recent data to assess steelhead returns, and that can skew our sense of how wild runs are faring. For example, historical data analysis by WSC and partners shows that we have lost seasonal runs of Hoh winter steelhead that made the river famous. They are now likely 70 percent less abundant than they were in the mid-20th century. Modern data doesn't readily reveal these changes, which are important clues for rebuilding population diversity and abundance.

"Change is hard and new regulations can be painful," Helsley says. "But it would be more painful not to step up and protect this resource for future generations."

Hoh River, WASHINGTON

John Gussman

"What we do in the next couple of years will make the difference for wild Olympic Peninsula steelhead. This is our last chance to get it right." —WSC Washington Director Jess Helsley



COLD WATER CONNECTIONS

11 culvert projects reconnecting 16 river miles

$13.1m won from state and federal agencies for coastal restoration projects

8 project proposals developed with our partners

Governor Intercedes in Chehalis Dam

For years, Washington's Office of the Chehalis Basin has pushed one idea to address flood damage reduction: a 24-story dam in the Chehalis River. But if built, the dam would risk some of the state's best remaining salmon and steelhead habitat, cost upward of $1 billion, and yet do little to fix basin-wide flood damage.

This past spring, a pressure campaign—from the Quinault Indian Nation, Confederated Tribes of the Chehalis Reservation, Chehalis River Alliance, and WSC community—got results. In July, following a deluge of public comments and petitions, Gov. Inslee ordered OCB to consider alternatives. We're already ground-truthing smarter solutions, and breaking ground on habitat restoration work through the basin's new Aquatic Species Restoration Plan.

Alamy

Restoring Oregon Coast Coho: the Multiplier Effect

On Cedar Creek, a tributary of Oregon's Elk River, a beaver dam blocked a culvert. Terry Wahl spent much of last summer digging it out. Each time, the beaver came back.

Some might reach for a shotgun. But Wahl, a fourth-generation sheep rancher, prefers long-term fixes that don't fight nature.

"What it comes to is, get the water moving and beavers can stay," he says. So he called up Curry Watersheds Partnership, one of the organizations in the Wild Salmon Center-managed Coast Coho Partnership, which develops and implements targeted, science-based action plans that accelerate the recovery of Oregon's two coast coho runs.

Today, a bridge crosses the free-flowing creek, now reconnected with a side channel to a deep, reed-filled pond the Wahls call their "fish hotel." It's not just a love of wildlife that motivates Wahl; since fencing off the fish streams on his property, he's actually seen a four-fold increase in sheep production, which he attributes to healthier pastureland.

The Wahls' culvert removal, which also included almost a mile of instream habitat restoration, is one of **30 Coast Coho Partnership projects currently underway on the Oregon coast. Since 2018, WSC has channeled $2.8 million into the restoration of six coastal watersheds,** repairing instream, floodplain, and estuarine habitats while generating hundreds of seasonal and full-time jobs that boost local economies.

"Both fish and working landowners benefit from restoration work," says WSC Coastal Program Director Mark Trenholm. "But the ultimate payoff lies in the future, as these projects accelerate the coast-wide recovery of Oregon's wild coho runs, rebuilding our commercial, recreational, and Tribal fisheries."

> *"Both fish and working landowners benefit from restoration work. But the ultimate payoff lies in the future—in rebuilding our fisheries." —WSC Coastal Program Director Mark Trenholm*

Cedar Creek, OR

Brian Kelley

Projects in Progress

West Fork Evans Creek, Rogue River. Since 2018, WSC and the Applegate Partnership and Watershed Council have worked with BLM and three private timber companies to restore a contiguous 11-mile stretch of West Fork Evans Creek, habitat known to be essential for spawning and rearing coho.

Brian Kelley

Upper Indian Creek, Siuslaw River. From 2019 to 2020, we worked with partners including the Siuslaw Watershed Council and U.S. Forest Service to place 670 logs along 10 miles of high-value tributaries in the Upper Indian Creek basin of the Siuslaw watershed, adding stream complexity for rearing juvenile coho.

Brian Kelley

Tioga Creek Watershed, Coos Bay. In 2020, we worked with the Coos Watershed Association, NOAA, and other partners to prioritize and fund a new slate of restoration projects to restore degraded mainstems below the basin's highly productive upper tributaries. The mainstem Tioga Creek, for example, will receive project funding for a large wood installation in 2022.

Brian Kelley

$2.8 million: Funds channeled by WSC into Oregon coast watershed restoration since 2018.

Kamchatka's Sustainable Fisheries Concept: Proven

For more than 25 years, Wild Salmon Center and our partners have sought to protect the pristine wild salmon, steelhead, trout, and char rivers of Kamchatka.

When we started this work, poachers were nabbing about half of the peninsula's returning salmon. Mining interests encroached on the banks of salmon rivers like the Kikhchik and Icha. Hatcheries were gaining a foothold.

But WSC's Russian allies are pushing back. In recent years, the number of Kamchatka hatcheries has shrunk, bucking national trends. Pending federal legislation might revive headwaters-to-ocean salmon protections ***(see sidebar)***.

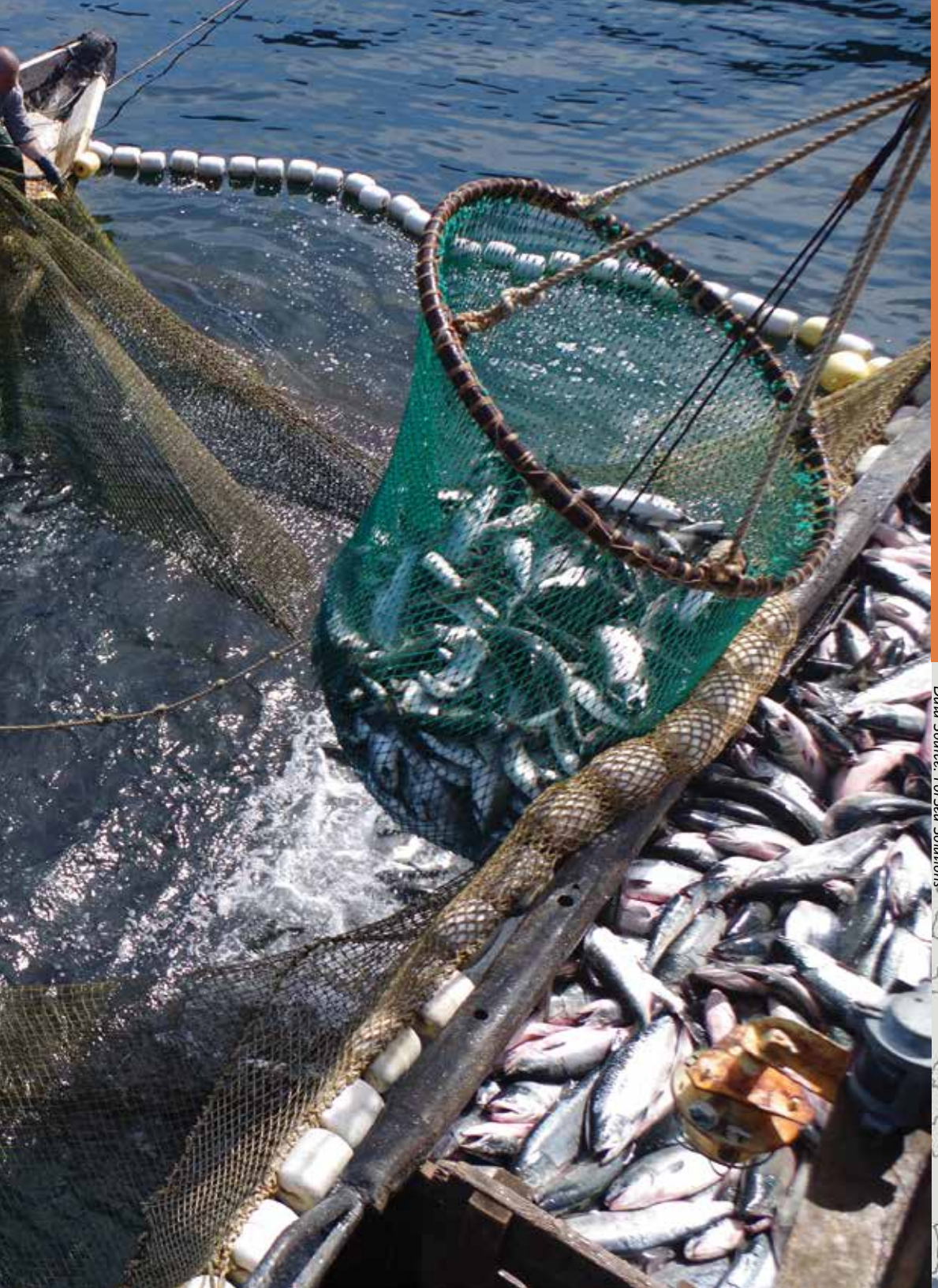
And a sustainable fisheries strategy designed and implemented by WSC in 2004—and since built upon by partners Ocean Outcomes and ForSea Solutions—is flourishing. According to a recent ForSea Solutions report, **70 percent of Kamchatka salmon fisheries by volume are now either certified by the Marine Stewardship Council with annual third-party auditing, or are actively in pre-certification.**

"Turning the ship in the Russian Far East has been a decades-long project," says WSC Western Pacific Director Mariusz Wroblewski. "We now have proof of concept that our long-term focus on Kamchatka can achieve important results for wild salmon."

Poaching is declining in Kamchatka, and the peninsula's MSC-certified fisheries are continuing to enhance transparency through rigorous chain-of-custody requirements. For fishers, the reward is access to new international markets for products from MSC-certified fisheries. It's a win-win: for local communities, and for Kamchatka's productive wild runs of Chinook, chum, sockeye, and pink salmon.

"Years ago, we engaged Kamchatka's commercial fisheries in this sustainability project," says Wroblewski. "Today we can state without doubt that market incentives in fisheries can lead to real conservation outcomes."

> *"We now have proof of concept that our long-term focus on strongholds like Kamchatka can achieve dramatic results for wild salmon." —WSC Western Pacific Program Director Mariusz Wroblewski*



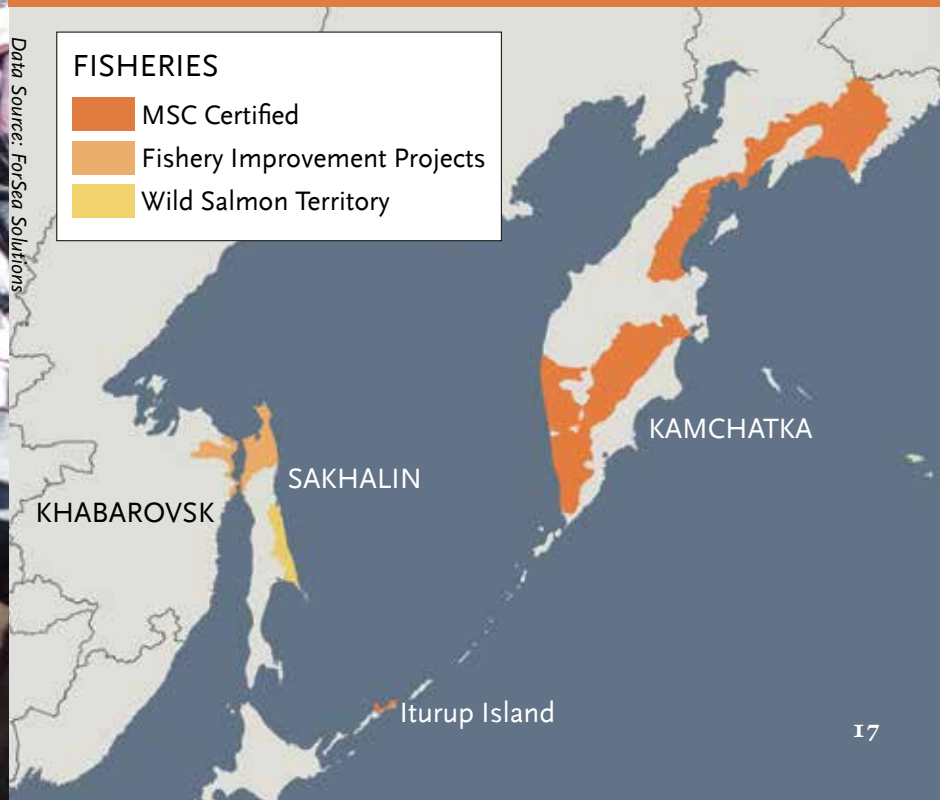
Sweeping Salmon Protections for Russia

In the Soviet era, salmon were a strategic resource, with fishing controlled by the state.

"There were huge forests lining Russia's salmon rivers," says WSC's Mariusz Wroblewski. "No one could mine, log, or develop near them."

But starting in the 1990s, development, mining, and timber interests began to encroach on salmon watersheds like the Tugur and Langheri. That encroachment could soon end, as the government considers sweeping legislation supported by the Russian Salmon Association, a key Wild Salmon Center partner. The legislation would create Federal Fishery Protection Zones around commercial salmon watersheds, banning development and resource extraction.

"This would offer protected status to Russian salmon fisheries," says Wroblewski. "It's the most promising sign yet of domestic momentum to safeguard wild salmon."



Water: the Third Pillar of Our Oregon Work

When it comes to Oregon's rivers, the image often touted in tourism videos is one of endless cascades of clean, cold water. But Oregon's water resources are far less abundant than many Oregonians want to acknowledge, much less address—especially in this time of escalating drought.

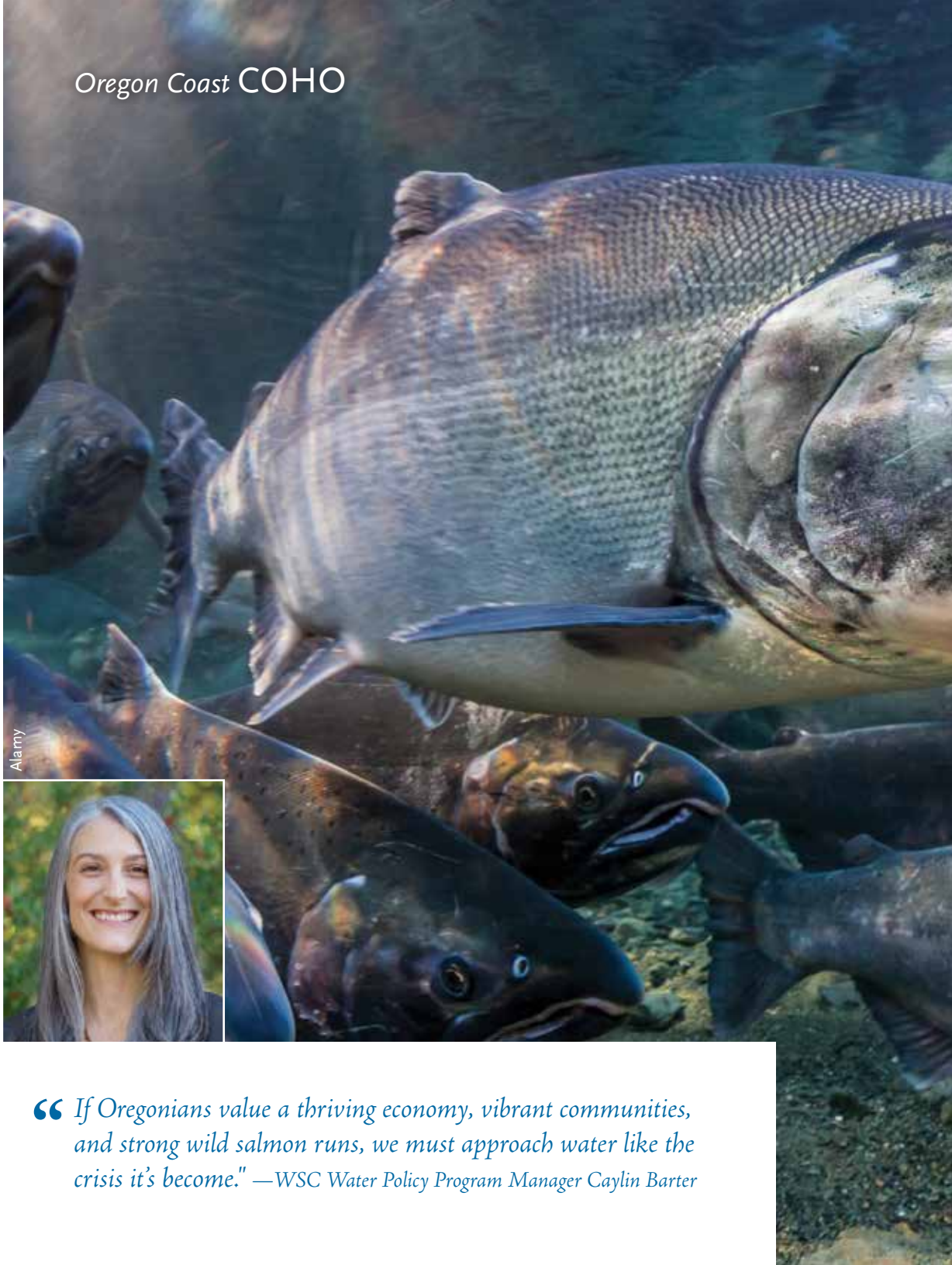
"Oregon's water rights system wasn't built for today's complex reality, with persistent drought, climate change, population shifts, and increasingly diverse water demands," says Caylin Barter, WSC Water Policy Program Manager. "If Oregonians value a thriving economy, vibrant communities, and strong wild salmon runs, we must approach water like the crisis it's become."

With over-allocated water rights on most Oregon rivers and streams, summer is an increasingly dangerous time for salmon and steelhead in rivers like the Rogue, Umpqua, and Siuslaw. As flows on tributary streams are siphoned off for other water uses, juvenile fish can get stranded in overheated shallows, while home-migrating adults face disease, dry river beds, and other barriers.

Water rights issues impact everyone from farmers and anglers to cities and industry. Finding a better balance is the work of our new Oregon Water Initiative. We're working in the state capitol to build support for agencies to monitor and manage water supplies, identify key salmon streams that are overdrawn, and incentivize water users to restore those stream flows.

Achieving a philosophical shift in Oregon's approach to water rights is a third, critical pillar of our work here, alongside forestry reforms and coastal salmon habitat restoration and protection.

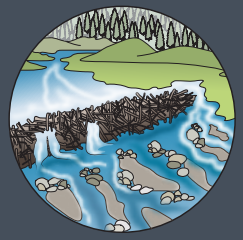
"We have to be proactive about understanding, protecting, and managing this resource," says Barter. "Because everything—our environment, our economy, our culture, our bodies—it all runs on water."



> *"If Oregonians value a thriving economy, vibrant communities, and strong wild salmon runs, we must approach water like the crisis it's become." —WSC Water Policy Program Manager Caylin Barter*

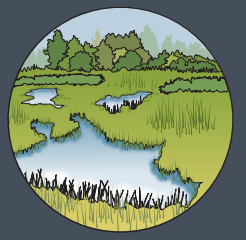
Illustrations by Elizabeth Morales

Key Strategies for Watershed Resilience



Protect cold water flows and cold water refuge areas

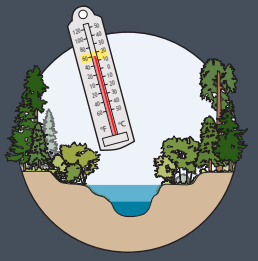
Restore and increase flows in tributaries



Protect off-channel, wetland, and estuary habitats

Restore incised channels and reconnect rivers and streams with their floodplains

Protect healthy vegetated stream corridors and upland forests



Restore stream corridors with greatest potential to lower water temperatures

Across the state, most rivers and streams have been over-allocated, meaning water rights exceed actual streamflow during much of the year. This can dramatically impact places like Trail Creek in the Rogue River Basin (below).

Brian Kelley

The Key in the Code: How to Save Spring Chinook

Hundreds of thousands of years ago, a tiny genetic mutation changed everything for one Pacific salmon species. GREB1L, the DNA variation that dictates early freshwater return, drives spring Chinook to hopscotch high up winter-swollen rivers to claim coldwater habitat that other salmon can't reach.

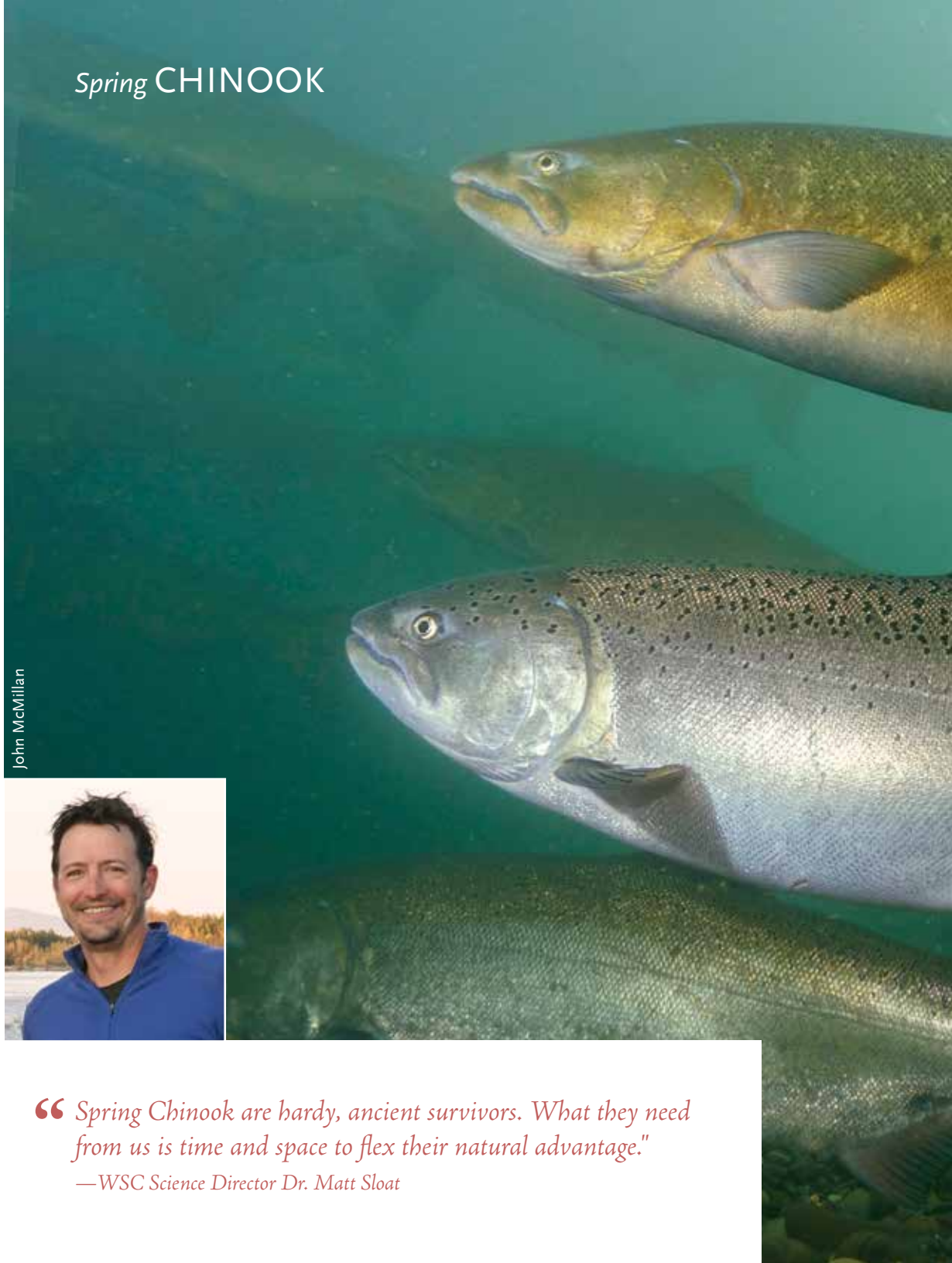
This unique genetic advantage has helped spring Chinook thrive despite ice ages and floods, predators and natural disasters. In the process, the first-returning salmon has become the beating heart of food webs that sustain orcas and grizzlies, Indigenous communities and vast inland forests.

Now, spring Chinook's genetically-directed early migrations could help the species adapt to rapid climate change. But first, we must remove the barriers blocking their success. For 150 years, humans have dammed, logged, dewatered, and overfished the West Coast's spring Chinook rivers.

The result is a species on the brink. On the Snake and Columbia Rivers, total returning wild Chinook numbers have fallen 80 percent in the last two decades. In California, spring Chinook are now extinct on the Shasta and Scott Rivers. On the Salmon River, a key Klamath tributary, just 106 spring Chinook were counted in 2020.

But there is hope. **Momentum is growing for bold actions—from tearing down Klamath and Snake dams to piloting selective fishing tools like weirs, wheels, and pound nets.** Meanwhile, WSC is providing strong scientific evidence to state and federal agencies to expand spring Chinook's endangered status and unlock full legal protections.

"If we act fast, we can give spring Chinook a fighting chance on rivers like the Klamath and Snake," says WSC Science Director Dr. Matt Sloat. "These are hardy, ancient survivors. What they need from us is time and space to flex their natural advantage."



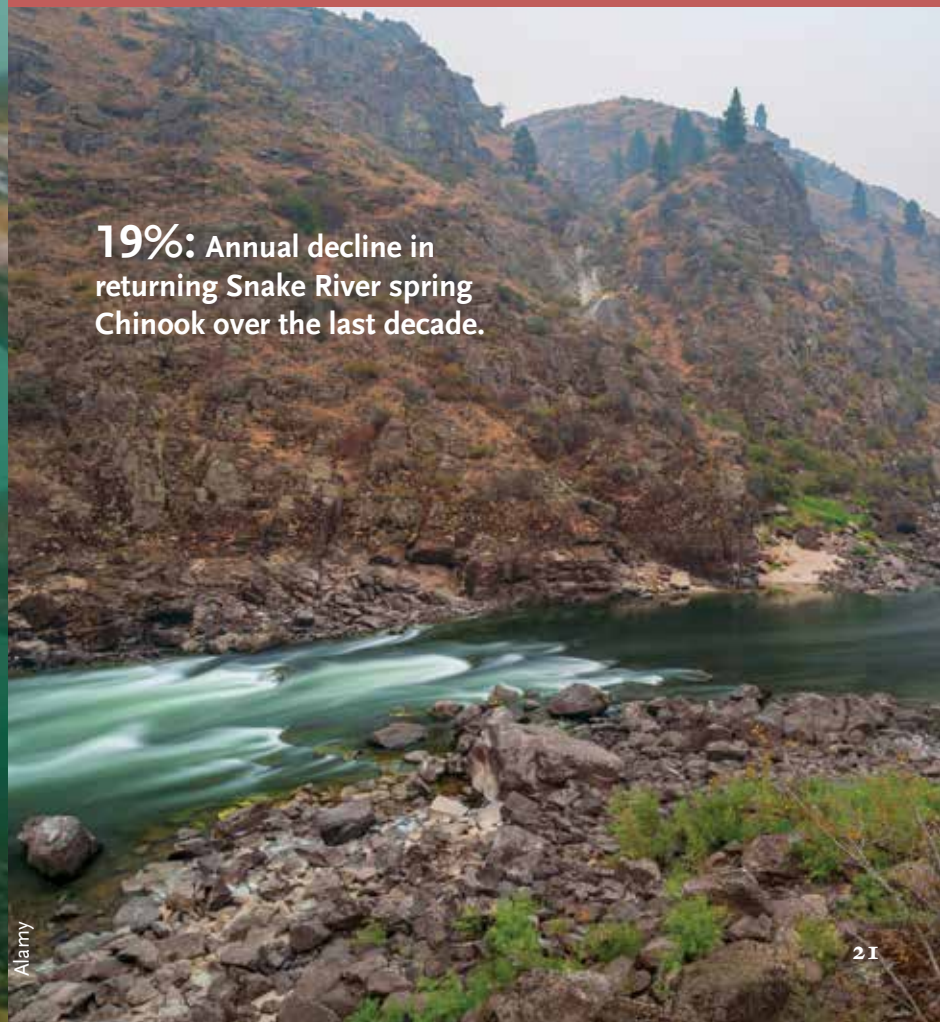
John McMillan

> *"Spring Chinook are hardy, ancient survivors. What they need from us is time and space to flex their natural advantage."*
> *—WSC Science Director Dr. Matt Sloat*

Bring Down the Dams

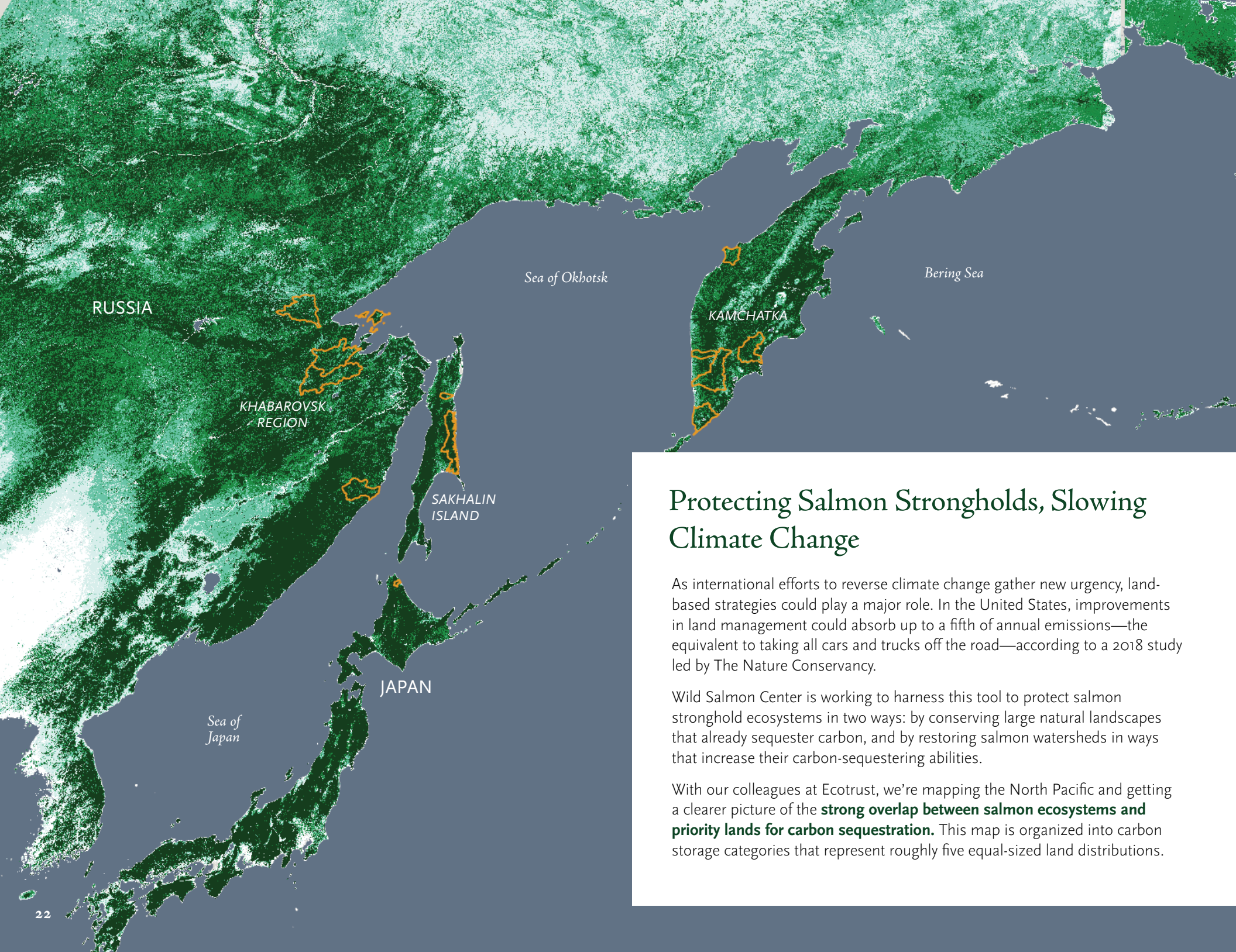
For too long, massive dams on the Klamath and Snake Rivers have blocked spring Chinook from critical cold water habitat.

On the Klamath, a decades-long campaign for dam removal is back on track and possible as soon as 2023. Wild Salmon Center is working with the Karuk Tribe, local organizations, and scientists to ensure that the Klamath's spring Chinook runs earn federal protections and endure to anchor recovery after the dams fall. On the Snake, WSC is working with stakeholders and Congressional leaders to shape a legislative path forward for dam removal and investments in regional economies.



19%: Annual decline in returning Snake River spring Chinook over the last decade.

Alamy



Protecting Salmon Strongholds, Slowing Climate Change

As international efforts to reverse climate change gather new urgency, land-based strategies could play a major role. In the United States, improvements in land management could absorb up to a fifth of annual emissions—the equivalent to taking all cars and trucks off the road—according to a 2018 study led by The Nature Conservancy.

Wild Salmon Center is working to harness this tool to protect salmon stronghold ecosystems in two ways: by conserving large natural landscapes that already sequester carbon, and by restoring salmon watersheds in ways that increase their carbon-sequestering abilities.

With our colleagues at Ecotrust, we're mapping the North Pacific and getting a clearer picture of the **strong overlap between salmon ecosystems and priority lands for carbon sequestration.** This map is organized into carbon storage categories that represent roughly five equal-sized land distributions.

"Protecting important salmon watersheds should be part of a land-based climate strategy."

—WSC Executive Vice President Sara LaBorde

The most important lands for carbon storage—those storing more than 110 tons of carbon per hectare—are marked in deep green.

In Khabarovsk, where WSC's Russian partners are working to create a network of protected areas for salmon and Siberian taimen, boreal forests and their underlying peatlands represent unusually high carbon storage potential. Alaska's Bristol Bay region, home to the world's largest run of sockeye salmon (and the threat of Pebble Mine), is a massive tract of largely undeveloped carbon-absorbing wetlands and peatlands the size of Wisconsin.

The remaining temperate rainforest rivers in coastal Alaska, British Columbia, Washington's Olympic Peninsula, and the Oregon Coast also offer globally significant carbon storage.

Our goal is to provide policymakers, the philanthropic community, and the carbon finance sector with hard evidence of the clear climate benefits of keeping salmon strongholds intact and safe from large-scale logging, mining, and other destructive development. And that could accelerate increased protections and restoration across the North Pacific, from the Lower 48 to the Russian Far East.

Only 20% of land has carbon stores of more than 110 tons per hectare.

TOTAL CARBON (tons/ha)

- 110 - 478
- 88 - 110
- 74 - 88
- 52 - 74
- 1 - 52
- No carbon data
- Where we work

More carbon

Less carbon

Map produced by Ecotrust. Source: Noon et al. 2021. Mapping the irrecoverable carbon in Earth's ecosystems. Under review.

The Stronghold Fund: First of its Kind

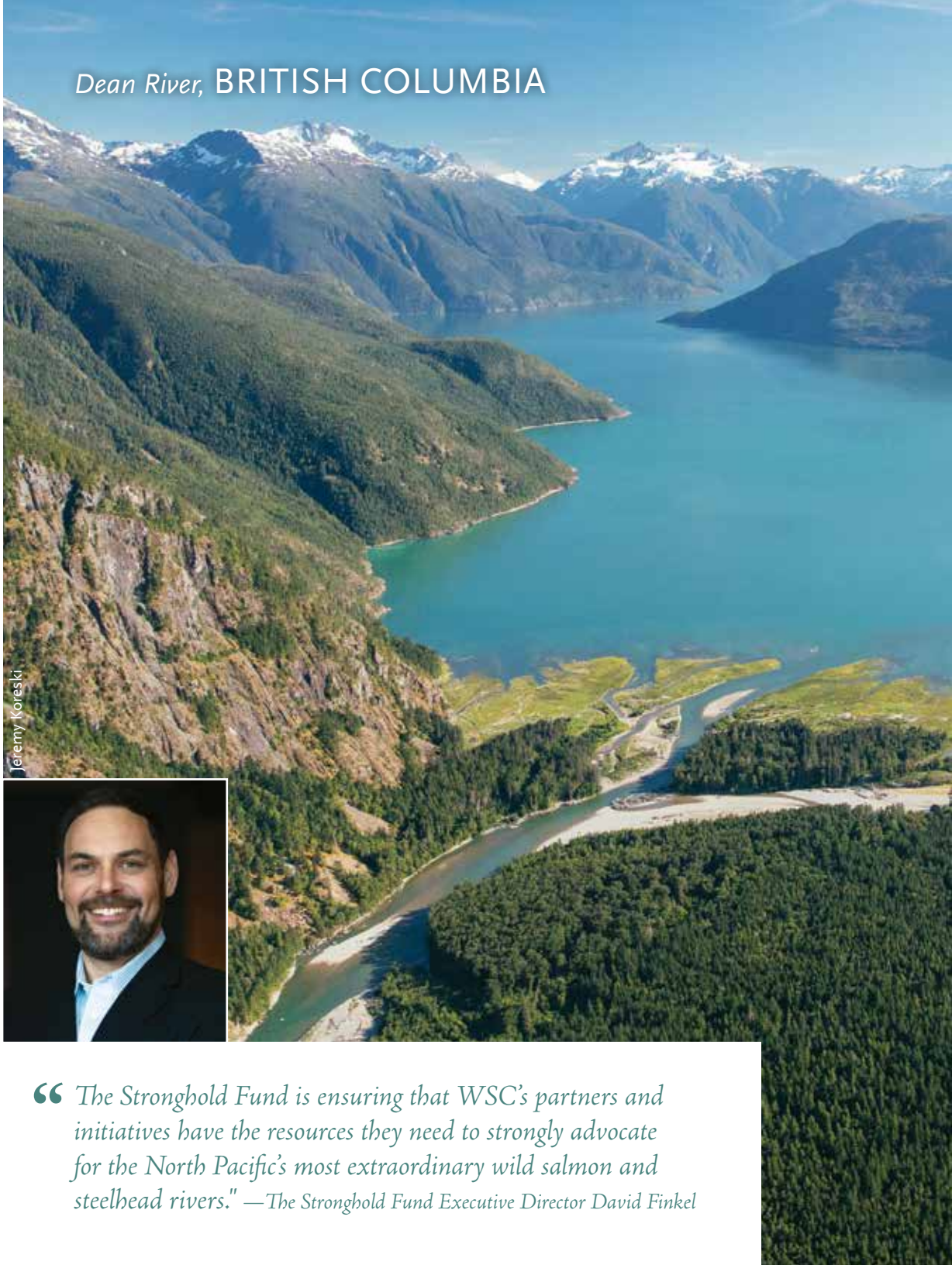
In the North Pacific, wild salmon, steelhead, and trout face no shortage of issues. From habitat loss to warming temperatures to overharvest, the deck often seems stacked against wild fish. This stark reality means that funding for salmon conservation has never been more vital. The Stronghold Fund, created to help balance the odds, is the first grant-making fund of its kind to focus exclusively on Pacific salmon strongholds.

And we are making progress. **Since 2015, we've received $14 million in commitments toward our capitalization goal of $15 million.** In 2021, we aim to finish this first phase of fundraising and position the Fund to fully deliver on its high-leverage strategy.

The Stronghold Fund's grants are deployed with three filters in mind: seed funding for new initiatives that can yield high returns for the North Pacific's wild fish; surge funding for time-sensitive campaigns; and durable support for WSC partners and coalitions working day-in and day-out to safeguard our greatest remaining salmon ecosystems, like Alaska's Bristol Bay.

For several years, the Fund has been supporting partnership efforts in the Skeena and Dean regions in British Columbia. In 2021, the Fund has a new slate of strategic grants including major support to advance a critical, forward-looking water conservation initiative in Oregon *(see p. 18)*.

As we accelerate our grant-making, the Fund is occupying a central role in the conservation landscape by ensuring that WSC's constellation of partners and initiatives have the resources needed to advocate for the protection of the North Pacific's wild salmon and steelhead watersheds and everything that depends on them.



> *"The Stronghold Fund is ensuring that WSC's partners and initiatives have the resources they need to strongly advocate for the North Pacific's most extraordinary wild salmon and steelhead rivers." —The Stronghold Fund Executive Director David Finkel*

The Stronghold Fund has received more than **90%** of gifts and commitments toward its first capitalization goal of $15 million.

Billy Laborte

Babine River, BC

Ken Morrish

Skeena River, BC

Ken Morrish

2020 Donors

Thanks to the steady support of our donors this year and in years past, we achieved major conservation breakthroughs—even amid 2020's historic disruptions.

The Stronghold Fund

Anonymous
John W. Childs
John S. Dale
The DeBruce Foundation
James and Angela Hambrick Foundation
Conrad N. Hilton Foundation
The J.C. Kennedy Foundation and James C. Kennedy
Ray J. and Stephanie Lane
Gordon and Betty Moore Foundation
Paulus Family Foundation
John G. Searle Family Trust and John and Julie Dixon
Deke and Hope Welles Fund of the Toledo Community Foundation
Willow Springs Charitable Trust

Foundations, Corporations, Government, and NGOs

Adamsbuilt Fishing, LLC
AmazonSmile
Anonymous
Apartmentfive
Autzen Foundation
Bass Pro Shops & Cabela's Outdoor Fund
Beach Wash
Becker Capital Management
Bella Vista Foundation
Blue Dog Woodworking
Bob Rees Fishing Guide Service
Burdge Woodworks
Burning Foundation
Coast Salmon Partnership
Cohoweb Consulting, LLC
The Drift Fly Shop
DV42
E. G. Rud and Sons, Inc.
Elevate Building Commissioning
Eurasian Conservation Fund
Far Bank Enterprises
FV Odin Inc.
Grassy Creek Foundation
GRIP6 Belts
Harbor Ophthalmology
Harder Foundation
The Healy Foundation
Integral Ecology Group
J.W. and H.M. Goodman Foundation
JayTee Investments
Jubitz Family Foundation
King of All Trades
L.P. Brown Foundation
Lam Research
Lazar Foundation
The Lund House Adult Family Home
McKenzie Fly Fishers
Michael Maas Organic Services
Michigan River Swingers
Mountain Rose Herbs
Natural Systems Design
New Venture Fund
NOAA Restoration Center
Oregon Community Foundation
Orrick, Herrington & Sutcliffe, LLP
The Orvis Company, Inc.
Oregon Watershed Enhancement Board
Ozark Society
Pacific Rim Winemakers
Peninsula Fly Fishers
Pew Charitable Trusts
Resources Legacy Fund
Rising Owl Studios, Inc.
Sage Manufacturing
Sea Witch Botanicals
SHWAK Magazine
Silicon Valley Community Foundation
Tower Rock Lodge
Trust for Mutual Understanding
Two Rivers Mortgage
USDA Forest Service
Wallace Research Foundation
Walrus Oil
Washington Coast Sustainable Salmon Foundation
Watercliff Permaculture Farm
Western Organization of Resource Councils Education Project
White Light Fund
Whole Family Health Clinic
Wilburforce Foundation
William and Flora Hewlett Foundation
Your True Nature, Inc.


Guido Rahr Jr

WSC President Guido Rahr with Tugur Siberian taimen. See more in the new film short "River Tigers."

Individual Donors*

Richard Albrecht
Karen Alexander
Vincent D. Andrus
David and Karen Andruss
The Anjulicia Foundation
Anonymous
Joseph N. Anscher
Roger Applegate
Dianne Arrigoni
Peter F. Bahls
Doug Ballinger
Matthew Bancroft
Samuel Barone
Thomas A. Barron
Alexander W. Barth
Bartholic Family Foundation
Randall Baxter
Joshua Bean
Lily Becker
Jay H. Beckstead
Carl G. Behnke
James Ford Bell Foundation and Samuel and Suzy Bell
Craig and Layne BenBen
Martin Benchoff
Jordan Benjamin
Bill Bensley
Bryan Bentrott
Peter Bentzer
Ed E. Berg
David Berklich
Peter A. Bigot


Larry Workman

Quinault River, WA

> *"While our work at Natural Systems Design is essential to restore function back to degraded watersheds, WSC's proactive strategy to get in and protect wild salmon rivers before the damage is done—and while those systems are still intact—is a refreshing approach to conservation. Their work gives me hope."*
>
> *—Leif Emberston, Natural Systems Design President*

**This list includes donors who have given $50 or more. See our full donor list online.*

Mr. Vince F. Biondo Jr. and Mrs. Betsey L. Biondo
Rob Bitney
Philip D. Black and Brigitte L. Sandquist Foundation
Michael H. Blakely
Thomas and Diane Bland
Bobbi Blase
Salli Blevins
Greg Block
Kenneth Bloem
Lisa Blundell
Bobolink Foundation and Merritt and Heather Paulson
David Bonderman
Ed Bowles


Cassie Bergman

WSC Ambassador Kate Crump in Alaska.

Michael and Judy Boyce
Tracy Boyer
Jennifer Brabson
Daniel Brack
Glenn Brackett
Stephen P. Bradley
David Brett
Katharine Brigham
Brightside Charitable Foundation
Robert Brinton
Skip Brittenham
Arthur Brooks
John Brooks
Rick Brown
Daniel J. Buckley
James Budelman
Joseph Budge
Charlie Buffler
Nicholas Bunch
Robert and Mary Bunzel and the Bunzel Family Giving Fund
Patrick Buresh and Jeannie Bloome
John A. Burke
Nicholas M. Burke
Burns McCabe Foundation
Preston Burton
Ron Byers
Donald Calder
James Callahan
Pat Callahan
John F. Cambria
Cassandra Campbell
Robert Campi
Joseph R. Car
Michael Carano
Caravan Trust and Austen S. Cargill II
William S. Carroll
Ann Carter
Chris & Nancy Carter Family Fund
Benton J. Case
Frank L. Cassidy
The Dorothy Jordan Chadwick Fund
Carla Chandler
Robert Chandler
Andrea Chiappini
John W. Childs
Steve Ching
Louise L. Chinn
Tracey and Christopher D. Clarke
William A. & Sara H. Clegg 2007 Trust
Carla Cole
David W. Cole Charitable Fund
Christopher M. Coley
Francis Collin
Robert S. Colman
Charles Colmore
Jerry Conrow
Virginia Coogler
Laura K. Cooper
Graham L. Covington
Cow Creek Tribal Community
Crane Creek Family Fund of the Oregon Community Foundation
Stewart and Lesley Crosby
Jenny Cunningham
The Da Capo Fund
The Dabney Point Fund of the Seattle Foundation and Mr. and Mrs. William G. Reed, Jr.
Shannon Daniels-Eizenberg
Alice B. Davies
Davies Weeden Fund of the Weeden Foundation
Michael Davis
Susan Dean
Joseph R. Deatherage
Elliot Defluri
Genevieve DeGuzman
Terry Dial and The Drollinger Family Charitable Foundation
Scott P. Dilworth
The DMK Foundation
Dobkin Family Foundation
Craig Dorsey
Doug Fund of the Vermont Community Foundation
David Douglas
Savannah Downey
Karen Drain
Norman Dreger
Kimberly Drew
Drexler Family Charitable Gift Fund
Norman and Elizabeth Duffett Gift Fund
Richard Dulude
John Duncan

Announcing Two New Members of the Ambassador Council

WSC is proud to announce two new additions to our Ambassador Council—Billy Blewett and Dan Michels. As pillars of the fishing and conservation communities of coastal British Columbia and Bristol Bay, Alaska, they will be invaluable to WSC's efforts to engage wild salmon and steelhead advocates across the Pacific Rim. Please join us in welcoming them!

Billy Blewett and his wife Mandi have co-owned and operated the Lower Dean River Lodge on British Columbia's central coast since 1999, and his family has been an integral part of the lodge since Billy's father founded it in the mid-sixties. He is active in the protection of the iconic Dean River watershed—assisting scientists with salmon, steelhead, and wildlife research as a founder of Coastal Rivers Conservancy, partnering with the Nuxalk First Nation's Supporting Emerging Aboriginal Stewards (SEAS) community youth initiative, and serving on the Dean River Advisory Committee for 20 years. Billy's in-depth knowledge of the central coast's wild salmon and steelhead runs comes from a life spent exploring its many marine channels and rivers.

Dan Michels is an owner and manager of the multi-award-winning Crystal Creek Lodge in Bristol Bay, Alaska, where he oversees operations, hosts guests, and flies one of the bush aircraft. He helped build the original Crystal Creek Lodge in 1988 and began guiding in the Bristol Bay region. Dan purchased the lodge in 1995 and has managed it since. He says, "What originally began as a summer adventure has become a life's work"—a mindset that shines through in Dan's passionate efforts to conserve the Bristol Bay watershed.

2020 Donors (cont.)

Andrea S. Dunlap
Daniel Dunn
Sheila Dunn
Carol Durham
Oakley Duryea
Lindsay F. and Patti Paxton Eberts Fund
Chris and Gina Eckley
Nancy Edwards
S Eldridge
Richard Elefant
Roe Emery II
Mark Emmert
Saben Emmons
The Mr. and Mrs. David J. Field Fund
David Finkel
Jon Firehammer
McLane Fisher
Robert Fisher and the Pisces Foundation
Russell Fisher
FitzWilliams Fund
Reuben H. Fleet Foundation Fund at the San Diego Foundation
Andrew R. Forauer
Robert Ford
Tony and Jill Garvey Gift Fund
Terry Gentry
Glasser Family Fund
Gene V. Glinecki
David and Alena Goeddel
Fred Goldberg Family Foundation
Leslie Goldblatt
Harriet Goldis
Edyne and Allen Gordon Foundation
Richard Goss
William Goubert
Jerrold J. Graber

Susan and William Epstein Philanthropic Fund of the Jewish Community Foundation of the East Bay
Randy Ericksen
Emily Ericsen
Todd Evanoff
Thomas Evans
Jeffrey Evershed
Andrew Fairley
Scott Ferguson
Will Forney
Charles H. Foster
The Franklin Cole Foundation
William Frerichs
The Helen Clay Frick Foundation
Shannon Friesen
Marna Fullerton and the Fullerton Family Fund of the Minneapolis Foundation
Tom Garnier
Donald and Karen Grade
Joel T. Grade
Stephan Graf
Victor Grandidier
Sam and Sarah Gray via Redtail Fund
Stanley B. Gregory Fund of the Minneapolis Foundation
Joshua Green Foundation
Grinstein Family Charitable Fund
David Grohne
Maureen Grojean
Amy Gulick
The Haase Family Foundation
Brian Hacker
Mari Haddock
Thomas Haensly
Jessica Hagenah
Glenn Haley
Keith Hallman
Scott Halpert
Bruce Ham
Tod R. Hamachek and Barbara Callister
David Hamilton
George F. Hamner
Thomas Hansch
Thomas M. Hansen
William Harkinson
Joseph L. Harris
Elizabeth Hart
Lesa Hastings
Richard Hawes
Ned and Sis Hayes Family Fund
Stephen and Dana Hayes
Kyle Hayslip
Patricia J. Hemphill
Kathy Hervey
Peter and Laura Herzog
Peter Higgins and The Higgins Family Foundation
Curt Hill
Joseph M. Hixon
Katherine Holler
Andrew Horowitz
Brett Howard
Andrew S. Howell
Lori Howk
Carmen Hudson
Todd Hummel
Molly Hunter
The James Huntington Foundation and Samuel H. Ellis
Matthew Huston
Thomas P. Hutchens
Glenn Hutchins
Donald O. Hutchison
Charles Hutzler

From left: Jonathan, Morgan, Darcy, and David Saiget in Cordova, Alaska.

Loren Irving
The George and Karen James Family Foundation
John O. Jenkins
Steven Jetter
Jack and Pam Jolley
Jay Jones
Molly Jones
Sean Jones
Dysa Kafoury
William Kamitakahara
Mark Kane
Matt Kane
Jonathan Kaplan and Sarah Malarkey
Andrew Karamanos
Jeanne-Marie Kaufmann
Julia Kazaks
Barbara Kelley
R D. Kerst
Mitchell Kiesler
Marshall and Pat Kilduff
The James Kilts Family Fund
Ian and Kate Malone Kimmich
Kirsten J. Kinsman
Stephen J. Klarquist
George and Susan Klein
Jason Klivington
Calvin Knight
Paul Koehler
Koerner/Dieter Family Foundation Giving Fund
Steven G. Kohl
Jeffrey and Molly Kohnstamm and the Kohnstamm Family Foundation
Jim and Maureen Kosa
Kim and Jay Kosa
Paul and Donna Kranhold
Mark Kristoff
David Krone
Gerald Kuhn
Julie and Marc Kummel
Richard Kustich
E. R. Labbe

WSC's Dr. Tim Elder snorkeling Evans Creek, a tributary of Oregon's Rogue River.

Katherine Labeau
Allan R. Larson
Norm Larson
Michael Laurie
Erika Leaf
Jerick Lee
Richard Leeds and Anne Kroeker and the Wildlife Forever Fund
Ian Lee-Leviten
The Leo Model Foundation and Marjorie Russel
Roger Leo


Mia Sheppard

Kirsten Kinsman hooked up on the Deschutes River.

Diane Leveque
Clyde S. and Linda Lewis
Peter Lillevand
William Lind
Sarah Livingstone
Tammy Lloyd
Lynn Loacker
The Longview Foundation - Ellie Crosby
William Lum
James Macdonald

Mr. Cargill MacMillan III and Sally MacMillan
John and Jane Malarkey
William Malchow
Nathan and Christine Mantua
Scott Marr
Michael J. Mars
Nathan Marsh
Christine Marshall
Mark D. Martin and Susie Hagemeister
John and Megan Martinelli
Joseph Matulevich
George McCormick
John McCosker
Kelly McCracken
Connie McDonald
Laureston McLellan
The MCM Fund
Mary Jane McQuillen
W K. Meier
Jefferson Miller
John D. Miller
Michelle Miller Harrington
William F. Mink
Mintkeski Family Fund of the Oregon Community Foundation
Jareb Mirczak
John D. Miskulin
Mitzvah Fund of the Oregon Community Foundation
Moccasin Lake Foundation
Sam Moersfelder
Patrick Moloney
Brett Montague
Michael Montgomery
Bob Moore

Gordon and Betty Moore Fund
Michael Moore
Amanda Morgan
Rhidian Morgan
William B. Morrish
Frank Morse
John G. Motlow
Henry and Heidi Mottl
Marco Müller
John and Susan Mullin Fund
Debra Nathanson
Pete Neidecker
Linda D. Nelson
Margaret Nelson
William Neukom
Neumeier Taylor Foundation Fund
The Nicholas Endowment Fund
Jane Nicolai
Normandy Corporation and Michael D. Mercier
Sarah Novey
Elizabeth Noyes
Robert H. Noyes
Sanders and Danielle Nye
OCF Founder's Fund of the Oregon Community Foundation and Mr. William R. Swindells
Roy and Susan O'Connor and the Merlin Foundation
Kean Oh
Jonathan Olch
Kenneth Edward Olivier and Angela Nomellini
James O'Neill

Phil and Cassy Ordway - Nushka Fund
The Bernard Osher Foundation
Gary L. Ostenson
Kyle Ostenson
Bryan Overcarsh
Whitney Padden-Arnautou
Jack Palmer
Panwy Foundation and Mark W. Cooper
Steven Parrett
Patagonia.com
The Patterson Family
Audie J. Paulus and Kino Crooke
Steven Paverman
Ingrid Pederson and Tye Sundlee
Fred Pendergast
John W. Person
Randall M. Peterman
Elizabeth Petersen
Joel Peterson
Gloria J. Pfeif
Megan Phelan
Charles and Jennifer Phelps and the Ritz Family Foundation
Franklin & Dorothy Piacentini Charitable Trust
Piacentini Fund
John and Dianne Pierson
Gregg Pike
Alan Platt
Andrew Platt

> *"We are grateful for the Wild Salmon Center's important work to maintain clean and healthy rivers. As a lifelong fly fisherman, I have a deep appreciation for the natural beauty and solitude found while out on the river. Now more than ever, we need organizations like WSC."*
>
> *—Pat Becker, Jr., President of Becker Capital Management*

Martinelli

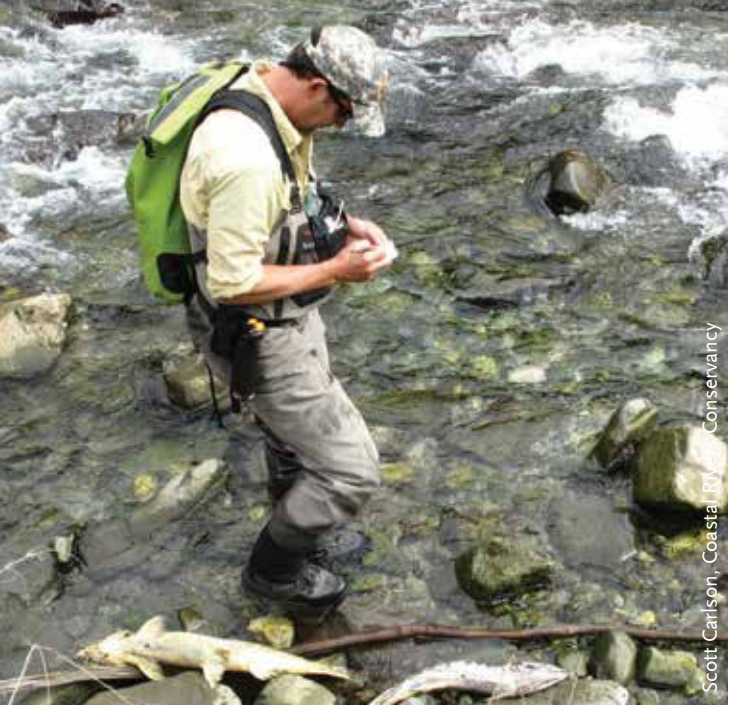
DONOR SPOTLIGHT:

The Martinellis

Talking to John and Megan Martinelli, it's immediately clear that both deeply care about their community and share a passion for all things wild. And their actions reflect these values, from Megan's work chairing the annual holiday food drive for their local food bank to the conservation easement the Martinellis placed on their family ranch on California's Pajaro River.

"We've tried to set a good example for our kids by being active in our local community and by giving back to the places we love," says John.

It was John's passion for fly fishing that brought Wild Salmon Center's work to the couple's attention. Both quickly realized that they deeply valued the cascading benefits to people and wildlife that come from protecting wild salmon. For Megan, the outsized impact salmon have as a keystone species is what most inspired her. For more than a decade, the Martinellis have been dedicated supporters of WSC's conservation work. It's thanks to the long-term commitment of people like John and Megan—and their strong belief in our mission—that we're able to achieve major conservation gains for the North Pacific's salmon strongholds.



WSC's Dr. Matt Sloat conducts field research in a Eucott Bay salmon creek in the Dean Channel, British Columbia.

Emanuela Plesa
Charles and Suzanne Plopper Charitable Fund
Sally B. Polk
James Pollaci
Kaci Poor
Prairie Foundation and Colin and Martha Moseley
Joanna Priestley
Ryan Purdy
David Putegnat
Kevin Quinn
Edgar K. Ragsdale
Guido and Lee Rahr
William Rahr
James Ray
Thomas L. Ray
Brian and Louise Read Family Fund
Redco Foundation
Kathryn Refi
Joe and Shirley Regan
Charles Renfrew
Randolph Repass and the Repass-Rodgers Family Foundation
Restaino/Becker Family Fund and Thomas Restaino
Jonathan Rettmann
Robert Rice
Ronald S. Richter
Elizabeth M. Rickles
Fraser Rieche
Joe Riter
Beverlee Roberts
John Rodelli
Christopher Roderick
Douglas Rohn
Bruce Ronning
Steven Rose
John P. Rosenberg
Roth Charitable Foundation and Stephen and Jean Roth
Mark Rougeux
Kathryn Rowe
Mary Ruckelshaus
Rushmore Foundation
Andrew Sabin Family Foundation
Yale Sacks
Carl Safina
Darcy and David Saiget
Christopher Santella
Peter Saraceno
Ted Schaefer
Ronald Schell
The Schifrin Foundation
Jeff Schillings
Joann Schlachter
Schwab Charitable Fund and Lawrence and Pamela Garlick
Matthew Scott
Robert G. Scott
Gordon Seabury
William Seaman
Glenn Seaverns
Gary Seelig
John and Dorcy Seethoff
Wendy Sehn
Pearl Seiden Family and Ms. Pearl Seiden
Peter Seligmann and Lee Rhodes
Mark Selland
Joseph Selle
Senior Family Charitable Gift Fund and Paul and Tracy Senior
Steven M. Shapiro
Casey Sheahan
Ilya Sherbovich
The Siegler Family Fund of the Jewish Community Foundation
Brett Sigoda
Jason K. Smesrud
James A. Smith
James D. Smith
Julian Smith
Stephanie Smith
Clay Snaza
Soka Piiwa Foundation
Craig Solum
John & Betty Soreng Environmental Fund of the Oregon Community Foundation
Michael and Diane Soules

"Growing up around the mouth of the Columbia River in Oregon, salmon was an important part of my family dinners. I remember coming home from school one day to find a 4-foot salmon a family friend had caught resting in the kitchen sink. The connection my community had to these fish and their cultural significance for Indigenous communities is why it's important to me to support wild salmon conservation."

—Susan Dean, Stronghold Guardian donor

Kenneth L. Spalding
Spark Charitable Foundation and Furman and Susan Moseley
Susan Speer
James M. Spencer
Douglas C. Spieske
Tzedakah Starhill
Michael and Tania Stepanian
Leo Stern
Terry Sternberg
Duncan Louis Stewart Foundation
W. D. Stewart
Merri Anne Stowe
Rob Stuart
Louise K. Stump and the Pine River Foundation
Joe Sugura
John F. Swift
Colin Szehner
John and Janet Tangney
Susan Tarjan
Benjamin R. Taylor
Thendara Foundation
Anne M. Thomas
George Thomas
Stephen Thompson
Nick Thorpe
Robert T. Tjian
John A. and Judith A. Tomke Fund
Joe H. Tonahill
Galen Torneby
Charles and Carol Travis
Jeffery Tribbett
Michael Triplett
Scott Tucker
Gregory Tudor
John Tyler
John Upton
Jennifer Valentine
Robert Van Dyk
Michele Vathis
Alan Vidinsky
Eric von der Heyden
John and Frances Von Schlegell
Clint Waggoner
Brooks Walker
Charles F. Walton
Robert and Elizabeth Warren Fund

WSC's Dr. Will Atlas with Cecil Brown, a member of the Heiltsuk Nation, at the Koeye fish weir in British Columbia.

J. Michael Watt
Dennis Wavrin
Casey Webb
William F. Weege
L. M. Weeks
Richard E. Weiss
William Welborn
The Weld Foundation
Deke and Hope Welles Fund of the Toledo Community Foundation, Inc. and Deke and Hope Welles
Georgia Welles
Eric Wells
WEM Foundation and Betty MacMillan
Friedhelm Wensing
Helen Westbrook
Karen Whisler
Carson Whitehill
Gordon Whiting
David K. Whitney
R. D. Wiancko
Carrie L. Wilks
Gregory Williams
Michael Williams
M.V. Williams Foundation, Inc. and Bruce C. Williams
Michael Willis
Steve Wilson
Susan and Steve Wilson
John D. Wimberly
Turner A. Wingo
Walt Winslow
Kevin and Anne Winthrop
Loring H. Winthrop
Robert Wise
Dave Wiseman
Elizabeth L. Wolfensperger
Andrew Wright
Mariusz Wroblewski
Laura and Geof Wyatt
Jeffries Wyman
Wyncote Foundation Northwest
Stanford C. Young
Henry Zarem
Suzanne and Craig Zarling
Mara Zimmerman
Mitch and Holly Zuklie

Individuals Under $50

Brenda Abasolo
Robert Adams
Rebecca and Andy Adkins
Doug Albertson
Diane Alcibar
Mark and Janet Alcorn Giving Fund
Shirley Aldaba
Thomas Allen
Joy Al-Sofi
Lisa Alvarez
Mia Ambroiggio
Bruce Anderson
Ron Anderson
Felicia Angelie
Anonymous
Diana Anthony
Randi Armstrong
Tom Armstrong
Steve Audette
Kara Babb
Heatha Bailey
Will Baine
Devin Baker
Julie Baker
Andrea Ballhause
Steph Barnhart
Richard Baron
Caylin Barter
Isadore Becker
Teresa Beesley
Vanessa Behr
Logan Bennett
Andrea Benson
Renee Billiau
Luke Biondolillo
Pam Birmingham
Penelope Blackwell
Stephen and Rebecca Blanchard
Chelsea Blubaugh
Marguerite Boler
Paul Borcherding
Evan Bowers
Stephen Boyle
Linda Bradford
Walter Bramkamp
Irasema Brasov
James E. Brennan
Patrick Brennan
Murray Brigham
Elizabeth P. Bright
Mike Brinkley
Pamela Brocious
Oakley Brooks
Ann Brown
Michael Brown
Cierra Buer
Fred Bullen
Mara Buxton
Linda Cadzow
Kevín Cantoran
James Cappy
Michael Caranci
Kristen Carpentier
Delaney Carr
Don Carroll
Sean Casey
Claire Cereghino
Joshua Chalmers
Lori Chapman
Tania Chatterjee
Rofee Chernovsky
Joshua Chiles
Jason Ching
Brad Chisholm
Sandra Choat
Gary Christianson
Sasimaporn Chuenahrom
Regina Clarke
Nicole Clearwater
Darren Coleman
Alexia Coney
Duncan Conley
Kelly Conrad
Billie Cook
Jeremy Cook
Sam Cooke
John Copeland
Amanda Cromwell
Nick Cunningham
Hugh Curry
Pat Curry
Paul Daly
Danielle Dannenberg
Benjamin Davies
Celia Davis
Michael Dean
Thomas Delegarde


Ken Morrish

Make Strongholds Part of Your Legacy

From the temperate rainforests of coastal Oregon to the remote rivers of the Russian Far East, Wild Salmon Center is building a network of protected strongholds for wild fish that spans the entire North Pacific.

These remarkable watersheds aren't only critical for global biodiversity—they're also centers of human well-being, and beautiful places where we can take our children and grandchildren.

And their protection requires a multi-decadal commitment that lasts far beyond our lifetime.

Making a bequest to Wild Salmon Center is a powerful way to support our conservation efforts over the long term. It's a gift that anyone, of any means, can offer today—and make a significant difference for wild salmon and steelhead rivers for generations to come.

Help us build a legacy of free-flowing rivers, dense forests, and abundant fish across the North Pacific by including Wild Salmon Center in your will today.

To learn more, or to tell us about your existing plans, contact Kim Kosa at kkosa@wildsalmoncenter.org or (971) 255-5562, or visit *wildsalmoncenter.org/legacy.*

2020 Donors (cont.)

Nikki Dennis
Chris Derrickson
Romana Di Suvero
Andrew Dober
Marisa Donnelly
Kara Dorr
Robin Dow
Jeanne Dultz
Don E. Dumond
Christopher Durai
Gretchen Dysart
Carolyn Eady

WSC's Oakley Brooks at Salmon School, a live-streamed celebration of art and salmon with glass blowing, Tacoma, WA.

Thomas L. Eggerman
Lauren Eggleston
Matthew Eick
Emily Elliott
Michael Ellis
Edouard Eltherington
Susan Emmons
Barb Engelter
Joanne Entrekin
Rodger Fagerholm
Linda Fairclough
Natalie Fedak
Connor Ferguson
Mark Ferguson
Mitchell Field
Amy Fingerle
Devin Fink
Walter Finkbeiner
David Fluharty
Jeffrey Foote
Craig Forester
Cheyanne Foster
Vanessa Foster
Magali Foucher
Cait Fox
Glen Fox
Barbara Franklin
Mark Frieze
Roger C. Furlong
Laura Gadzala
Bill Gardner
Charlie Geiger
Stacey Gerber
Jessica Ghersi
Geoffrey Gilbert
Marcheta Gillam
Janice Gloe
Oliver Godnig
Simon Goldrick
Wendy Gonzales
Jeff Gordon
Wiebe Gortmaker
Matt Granger
Shawn Granton
Rochelle Gravance
Amanda J. Grondin
Joan E. Haab
Urs Hafner
Ashley Hahn
Shani Halfon
Kenlynn Hamilton
Blair Hampson
Christopher Hance
Carla Hanlon
Sabrina Harrison
Anthony Hasek
Richard Hassen
Rebecca Hatfield
Ethan Havenar
Lauren Hawkins
Mary Hayden
Susan Haywood
Willis Heavenrich
Maxwell Heinzelman
Andrew Hellinger
Jeanne Henderson
Judy Henderson
Nancy Henderson
Ruth Henrich
David Hermanns
Jolene Herz
Harrison S. Hilbert
Micaela Hogan
Raymond Hogan
Helen Holliday
Peter Hollomon
Henna Honkanen
Amanda Hoover
Jeffrey Hornaday
Sabolch Horvat
Gregory Howard
Victoria Huber
Carmen Hudson
Dorothy Hudson
Stephanie Hull
Alex Hunter
Julian Husselmann
Devin Hyman
Lynne Iberg
Ronald Irrgang
Stacy Ivers
Shalom Jacks
Richard James
Jessica Jasper
Timothy Jenkins
Benjamin Johns
Daniel Johnson
Michael Justa
Mettilda Kaimathuruth
Robert L. Kalez
Stephanie Kaza
Elizabeth Keaton
David Kelly
Felice Kelly
Jennifer Killion
Maria Kind
Lisa King
Clayton Kinsel
Gary Kish
Jolene Knudsen
Andre Kohler
Alyssa Koida
Tom Kovalicky
Kristin Kozelsky
Wendy Kroger
Eva Kronen
Suzanne Kush
Debra Lajoie
Aurele Lamontagne
Sally Landefeld
Ron Landskroner
Priscilla Lane
Andrew Langford
Gordon Lank
Diane Lapointe
Nancy Larkin
John Leary
Coline Leconte
Harold Lee
Raymond Lee
Susan Legault
Annie Leong
Ron Leong
Daniel Lesch
Lowen Lewis-Quigley
Sarah Lincoln
Ron Lindsay
Bryan Linsley
Donald Lintner
John S. Lively
Holly Loew
Rachel Loui
Nancy Luna-Walker
Jason Lundgren
Molly Lusignan
Barbara Lyne
Michael Maas
Lynn Mackenzie
Catherine Madsen
Kevin Maier
Emily Maitino
Maricris Mangohig
George Marino
Michael Markley
Pamela Marley
Lies Martin
Louis Martinez
Brandon Massey
Dave Mathews
Carl Mattick
Christopher May
Lisa Mayberry
Victoria McCaffrey
Kenzie McCallum
Kimberly McClenahan
Loretta McCormick
Nolan McCoy
Vera McCullen
Sharon McEwan
Megan McFadden
Mary McGaughey
Carrie McGowan
Robin Meek
Emmett Meissner
Roger A. Michalek
Randall Mierow
Whitley Mike
Christine Miller
Dillon Miller
Nicholas Miller
Jana Mines
Thierry Monay
Leland Montgomery
Candice Morgan
James Morrell
Benjamin Morris
Carissa Morris
Carol Morris
Cheryl Mott
Juan Murillo
Richard Murray
Jane Negri
Jake Nelsen
David Nelson
Russell Nelson

Natasha Novikova of ForSea Solutions.

Scott Nelson
Tyler Nelson
Eric Newman
Elizabeth Nugent
Ben Nyssen
Hannah Obenaus
Dennis J. O'Bryant
Max Oglesbee
Kristin Ohm-Pedersen
Judy Olsen
Philip Oresick
Michael Oreste
Kathryn Oresto
David Otten
Jack Otto
Jack Owens
Mike Palmer
Bill Parker
Brandon Paul

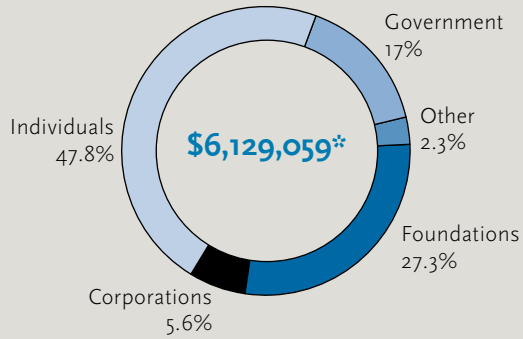
Russian partner Dmitry Lisitsyn of Sakhalin Environment Watch patrolling the Nabil River for poachers.

Gary Payne
Melina Pease
Chantelise Pells
Crystal Perez
Heidi Perry
Judy Piercy
Glen Pinnow
Meg Pitman and Caroline McCoy
Tom Popowich
Pamula Price
Rachel Pringle
Max Pritchett
Sara Pritt
Jacob Quartuccio
Lyn Radke
Ankitha Rai
Tatyana Ramos
Lynn Ransford
Rachel Raver
Giuliana Reed
Jeff H. Reese
Bryce Reif
Javier Reza
Kyra Rice
Troy Rintz
Sarah A. Rith
Jesse Robbins
Jon Robeson
Linda Robinson
Kayla Robson
Mark Rochester
Roger Rocka
Arthur Rodgers
Shelley Rolfe
Charles B. Root
Elizabeth Rose
Tyler Ross
Diana Rothman
David Rubin
Adam Ruetz
Kathy Ruffert
Jeff Rundio
Juvata Rusch
Oxana Sagaydachnaya
Liezel Saldivar
Justin Saxe
Michael Scharenbroich
Taylor Schmidt
Holly Scholles
Michael Schulte
Ed Scott
Gavin Scott
Joi Searson
Eric Seibert
Dimitri Sevastopoulo
Mark Shelton
Elizabeth Sheppard
Yan Shikhvarger
Eric R. Shoemaker
Ryan Shopay
Earl D. Shumate
Shannon Sims
Suzanne Smetana
Jimmy Smith
Michelle Smith
David Solnit
Richard Sprague
Terry Spurling
Gavin Stair
Mark Stannard
Mitchell Stargrove
Alexis Stark
Mary Louise Stathers
Trygve Steen
Jeffrey Stern
David Stone
Kristina Storic
Kelly Stottlemyer
Seth Stransky
Tom Stuart
Monica Summers
Margaret Sumner-Wichmann
Tim Swan
Andrew Swanson
Kay Syrrist
Jeffrey Szilagyi
Mike Talbot
Alan Tausch
Richard Tepe
Kevin Test
Michael Tevlin
Dennis Therry
Julie Thomas
Graeme Thompson
Helen Thompson
Linda Thompson
Kayla Tidmore
Christine Trevis
Michael Trotto

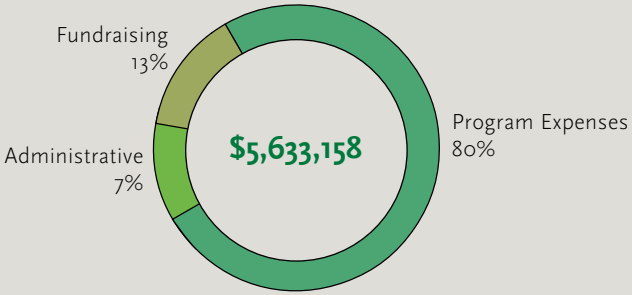
FINANCIALS: Statement of Activities

For the fiscal year ending December 31, 2020

REVENUE



EXPENSES



*Revenue includes new funds raised during each calendar year, contributions pledged for work in future years.

Wild Salmon Center has received the highest rating for sound fiscal management from Charity Navigator.

Wild Salmon Center has received the GuideStar gold seal for transparency.

WSC is a grantee of The Conservation Alliance, a group of outdoor industry companies that disburses collective annual membership dues to grassroots environmental organizations.

WSC has been approved to receive grants through the One Percent for the Planet program.

John McMillan

2020 Donors (cont.)

Brenda Troup
Martha Truninger
Hope Turner
Phil Uhl
Maggie Vogt
Jerry Wagner
Ann Wales
David H. Walker
Douglas W. Walker
Josh Wall
Moira Walley-Beckett
Lincoln Ware
Dean Warlin
Eric Weatherholtz
Ross Weir
William Whitcomb
Mark Whitley
Anne Whitney
Kathleen Wieczorek
Byron Wilcox
Cindy D. Williams
David Williams
Karen and Bob Williams
Michael T Williams
Harriet Willmott
Jodi Wilmoth
James Wilson
Donald Winn
Aaron Wittman
Mark Wolff
Sydney Woodfield
Richard Wros
Larry Ydens
Todd Yorke
Alexis Zaring
Madeleine Zwirello

Honor and Memorial Gifts

Anonymous in honor of Harriette Botka
Anonymous in honor of the Bradan Feasa Voyage
Anonymous in honor of Christopher P. Cannon
Anonymous in honor of Leon Langenfeld
Anonymous in honor of John Muir
Anonymous in memory of Whitney MacMillan
Anonymous in honor of Patricia O'Donnell
Anonymous in honor of Jackie Peter and Grandpa Lange
Anonymous in memory of David Wieland
Anonymous in honor of Mitch Zuklie
Steven Aguilu in honor of US Environmental Protection Agency
Mary Bailey in honor of Carol L. Strunk
Stephanie Bailey in honor of Collin Bailey
Annie Beust in memory of David Beust
Candace Bonner in honor of Gavin Lipp
Paul Bovarnick in honor of Sam Bovarnick
Susan Jane Brown in honor of Robert Van Dyk
Elizabeth Bunce in honor of Guido R. Rahr
Lisa Butler in honor of Larry Butler
Nancy Calderbank in honor of Jane Calderbank
Chris Caldwell in honor of Bryce
Ryan Carpenter in honor of Bryce Ginther
Gabriel Cendoma in honor of Katmai Bears
Kirsten Collins in honor of Indigenous People
Frederick Colwell in honor of Frederick Colwell
Charles Conn and Beverley Robertson in honor of Bruce Hill
Ann Cook in honor of Ann Cook
Amy Cooper in honor of Amy Cooper
Jody Creasman in honor of Dave Neil
Peter J. Crosby in honor of Ken Morrish
Lynda Decker in honor of Evan Wonacotte Family & Peter Wonacotte Family
Megan Deets in honor of Deborah Swartz
Diane DeJager in memory of Margaret H. Hamachek
Craig S. Derby in memory of Richard C. Strain
Lee Dooley in honor of Sal Appel
Carol Drewes in honor of Marilyn Drewes
Karen and John Durkheimer Family Fund in honor of Steve and Cindy Harder
Amy Englehardt in honor of Jacques McChesney
Rich Felber in honor of Theodore Roosevelt
Ian Ferguson in honor of Edward G. Ferguson
Scott Franklin in memory of Scott Franklin
Amanda Galton-Valle in honor of Claire and Zanley Galton
Carlos Garcia-Quijano in honor of every salmon out there and my son Khalil, who loves salmon
Caton Gates in honor of Willa C. Caton Gates
Corinne Gentile in honor of Megan Wollitz
Thomas Goolsby in honor of Alex and Kim Hecker
David Gulick in honor of Jeff and Abby Miller
Lisa K. Hansen in memory of Keith Hansen
Krista and Brad Harris in memory of Jay Hair
Stuart Hartley in honor of Helen Adams and Lois C. Fred Morrison
Margaret Heydon in memory of John Heydon
Joyce Hill in honor of Aaron Hill
Travers Hill Polak in honor of Brian O'Dea
Malgorzata Holszanska in honor of Alina Byrne
Donna Hopson in honor of Rosalind James
Andy Hunthausen in memory of Barbara Bullinger
Lore James in honor of McKinley James
Susan Janssen in honor of Jim Kazakoff
Haley Johnson in honor of Craig Campbell
Haley Johnson in honor of Gregg Takashima
Joseph and Catherine Johnson Family Foundation in honor of Ted Richter and Cathy Johnson
Michael Johnson in honor of My Mom
Gregg Kanter in honor of Lisa Kanter
Karen Kennette in memory of Kirsten Kennette
Wei-Tai Kwok in honor of Kelland Harrision, the Bradan Feasa Voyage, and Lano Harrison
Corey Larner in memory of Scott Niedermeyer
Adam Lee in honor of Myron Lee
Carol Lesch in honor of Roger and Lynda Decker
Maureen Liston in honor of David B. Liston
Matthew Looby in honor of Cassie Bergman


Alamy

Ann Mason in honor of Jean Hill
Pam & John McCosker Charitable Fund in honor of Guido R. Rahr
Phelps McIlvaine in honor of William B. McIlvaine
John C. Menefee in honor of Jay Fewel
Gary Mikesh in honor of Frank J. Mikesh
Jefferson Miller in honor of Jefferson Miller
Gary Millhollen in honor of Anne Millhollen
Edward M. Moersfelder in honor of Sam Moersfelder
John Moody in honor of Thomas and William Moody
Kevin and Gail Murphy in honor of Ken Guinasso
Sierra Nelson in honor of James Oswald
Mallory Neuman in honor of Alex Hecker
Erika Niemi in honor of Daren Niemi
Karen Nordenholz in honor of Lillian Nordenholz
Chris Nunn in honor of John W. Childs
Joshua Olson in honor of Donald Trump
Annie O'Sullivan in honor of Toria Rossin
Nathan Page in honor of Karen Kubarek


Klamath River, CA
Ken Morrish

Christopher M. Palmer in honor of Jack A. Palmer, Jr.
Mary Perry in memory of Gregory L. Deblock
Kelley Platt in honor of Dr. D. Osgood
David J. Pollock in honor of Scott T. Garvey
Linda Railey in honor of Thea Railey
Thea Railey in honor of Linda Railey
Paul Riedmiller in honor of Donald Riedmiller
Emma Roach in honor of Matthew Roach
Marc Robertson in memory of Evan Robertson
Elisa Roiz in honor of Glenn Roiz
Dawn Rossin in honor of Toria Rossin
Meredith Rutledge in honor of Joseph Rutledge
John Sager in honor of Stanford C. Young
Andrew Schneider in honor of Tyler J. Schneider
Shannon Schofield in honor of Steve Andersen
James Schwab in honor of Robert Van Dyk
Sandra Schwartz in honor of Karina Helm
David Skopin in honor of Erik Skopin
Jane Slater in memory of Chewie Slater
Alexandra Smith in honor of Douglas Smith
Catherine Soudoplatoff in honor of Joseph S. Prochaska
Neal St Onge in honor of Rachel Skarsten
Ali Stone in honor of Steven M. Stone
Priscilla Stoyanof in honor of Tucker Malarkey
Kaola Swanson in honor of Beth A. Perry
Callum Sykes in honor of Maddi Struder
Kelly Taylor in honor of Ken and Kevin S. Cooper
James Terborg in memory of Curt Nyquist
Carol Tova Newman in honor of Stefanie Smith
Sara Vadgama in memory of Brian N. Schaffer
John Van Slyke in honor of Bruce Van Slyke
Christopher Verba in honor of Donald Trump
Janet Waggoner in honor of Alex Osteen
Wiley Watson in memory of Max Watson
Clifford Watts in honor of Tim Cudney
Judy Welle in honor of Robert Sloat
Zachary Wenner in honor of Daniel Litt
Jennifer Wheary in memory of John A. Carson
Matthew Williams in honor of Ben Moore
Marc Wilson in memory of Craig A. Wilson
Jordan Winczewski in honor of Andrea Umenhofer
Ian Wisecarver in honor of Richard Wisecarver
Katherine Wolfe in memory of Barbara and Ray Wolfe
Evan Zacks in honor of Jim Duffield

Stronghold Guardians
(Monthly and Quarterly Donors)

Steven Aguilu
Anonymous
Brandon Baker
Jason Balderston
Paul Bange
William H. Barton
William Baumgardner
James Behnke
Jordan Benshea
Andrew Bidwell
Justin Boucher
Jon Bowers
Robert Bricca
James Bronson
Jonette Bronson
Robert Budd
Charlie E. Chambers
Kirsten Collins
Cathlene A. Crawford
Haley Crozier
Megan Deets
Christine Den Adel
Stephen Dettman
Juliet Dodd-o
Glenn Dopf
Ron Dyslin
David Ebinger
William Ewing
JB Ferrarone
Susan Finkel
Simon Finney
Brian Flowers
Joan Gummels
Lena Hanschka
Neil Hastings
Ben Hauptman
Jessica Helsley and Greg Felten
Taylor K. Hesselgrave
Jamin Horn
Andy Hunthausen
William Hutto
Lore James
Jarom Jones
Sheryl and Dave Krohne
Kristin Liebman
Gary Liepitz
Margaret Lindley
Sarah Lonigro
Joseph Marsh
Susannah May
Jerry P. McKnight
Patricia McManus
Roger Miller
Patrick Minchin
Don Moore
Noel Morrill
Terry Nelson
Thien Nguyen
Keith Ostendorf
Jasper Pääkkönen
Amee Pacheco and Patrick McCoy
Jason Parker
Tami Paulus
Paul Pavich
Medwin Peck
Allen Penn
Brad Peterson
Tiggy Pettifer
David & Ellen Phelps
Chris Pizey
Mark Poltorak
Thea Railey
Rebecca Ratliff
Adam Resnick
Ciara Ristig
C. M. Rockwell
Elisa Roiz
Adam Rosen
Brent Ross
Ellen Saunders
Mark Severson
James Shanley
Gary Sherwin
Joel Siedenburg
Stephen Starke
Roy Stein
Patrick Stoneking
Chip Stringer
James Teal
Sarah Thayer
Wendy Tsien
Justin Tulk
Albert Vandermerwe
Natalie Watson
Ben Welborn
Aelwen Wetherby
Steve Widman
Patrick Wilder
Susan Wilder
Janet Williamson
Peter G. Williamson
Jenelle Woodlief
Donald Woods
Andrew Yost


Ken Morrish

Did you know an estimated $4-7 billion in matching gift funds goes unclaimed every year? *Check to see if your employer matches charitable gifts to WSC by visiting* ***wildsalmoncenter.org/match****. If so, your gift could have twice the impact for wild fish.*

Matching Gift Companies

Adidas
Apple Inc.
CGC Financial
Datto
Google
Intel
Liberty Mutual
L3Harris
McMenamins
Microsoft Corporation
Oracle
Protolabs
Samsung
UHG
VMWare

See a full list at of potential matching gift companies at *wildsalmoncenter.org/match*. If your company is listed, simply request a Matching Gift Form from your Human Resources or Finance department and submit it with your donation to Wild Salmon Center by email at donate@wildsalmoncenter.org.

Wild Salmon Center Staff

Guido Rahr, President and Chief Executive
Emily Anderson, Alaska Program Director
Will Atlas. Ph.D., Salmon Watershed Scientist
Caylin Barter, Water Policy Program Manager
Oakley Brooks, Communications Director
Brett Brownscombe, Special Projects Director
Jody Creasman, Media Design Coordinator
Ramona DeNies, Sr Writer
Tim Elder, Ph.D., Southwest Oregon Program Manager
David Finkel, VP of Development & Communications and Executive Director of The Stronghold Fund
Jessica Helsley, Washington Program Director
Kathy Holler, Chief Financial Officer
Kacy Holven, Staff Accountant
Lori Alexander Howk, Sr Media Design Manager
Kim Kosa, Development Director
Betsy Krier, Fish Habitat Specialist, Olympic Peninsula
Sara LaBorde, Executive VP
Hollye Maxwell, Executive Assistant
Amee Pacheco, Sr Grants Manager
Audie Paulus, Development Manager
Matt Sloat, Ph.D., Director of Science
Sam Snyder, Ph.D., Alaska Sr Campaign Manager
Ellie Stair, Development Assistant
Mark Trenholm, Coastal Program Director
Bob Van Dyk, Ph.D., Oregon and California Policy Director
Mariusz Wroblewski, Western Pacific Program Director

Science Fellow

Mikhail Skopets, Ph.D., Science Fellow

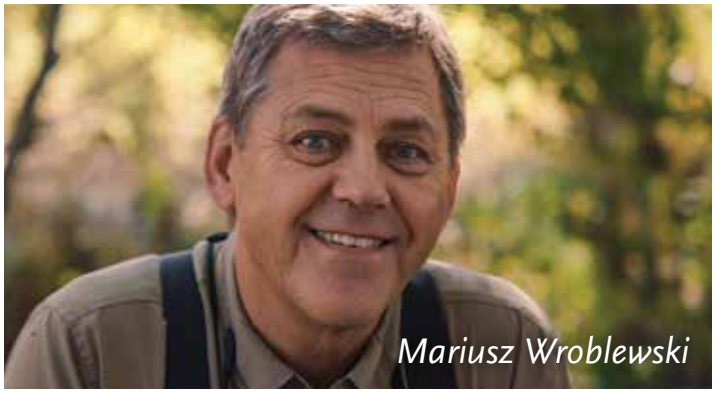
New Staff


Will Atlas


Caylin Barter


Brett Brownscombe


WSC Staff


Mariusz Wroblewski


Betsy Krier

Our Life History Project videos follow WSC staff members on their journeys to joining the conservation movement. From Betsy Krier, who found home deep in the Olympic Peninsula, to Dr. Sam Snyder, a native Texan who's defended Bristol Bay for the last decade, to Mariusz Wroblewski, who traveled the longest road from Poland to the U.S., these stories show us the values that bind us and the places that inspire us. Watch at *wildsalmoncenter.org/life-history-project*


Sam Snyder

Photos and film by Brian Kelley

Board of Directors

Mitch Zuklie, Chairman, California
John Childs, Massachusetts
Tatiana Degai, Ph.D., Iowa
John Dixon, Washington
Rick Halford, Alaska
Tom Hansen, California
Loretta Keller, California
Steven Kohl, Virginia
Kirill Kuzishchin, Ph.D., Russia
Ray Lane, California
Nate Mantua, Ph.D., California
Nikita Mishin, Russia
Randall Peterman, Ph.D., British Columbia
Guido Rahr, Oregon
Andrea Reid, Ph.D., British Columbia
Fraser Rieche, British Columbia
Mary Ruckelshaus, Ph.D., Washington
Ilya Sherbovich, Russia
Ivan Thompson, British Columbia
April Vokey, British Columbia
David K. Welles, Ohio

Emeritus

Dmitry S. Pavlov, Ph.D.
Peter W. Soverel (Founder)
Jack Stanford, Ph.D.

Front cover: leaping coho, OR. Back cover: Killer whales, BC (Alamy).

New Board Members

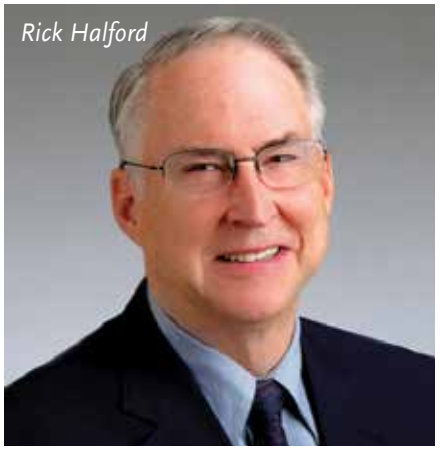
Dr. Tatiana Degai is from Kamchatka, Russia, and her family belongs to the Itelman salmon community. She is a Postdoctoral Scholar at the University of Northern Iowa's ARTICenter. Her research concentrates on Indigenous knowledge systems and visions of sustainability, including biocultural diversity, cultural landscapes, language revitalization, and Indigenous education.

Rick Halford is a former Republican state Senate President from Alaska. An avid outdoorsman, he divides his time between Chugiak/Eagle River in south central Alaska and a home in Bristol Bay, where he's an active pilot and guide. He's an outspoken critic of the Pebble Mine and has testified against it before Congress and the Alaska Legislature.

Dr. Andrea Reid is a citizen of the Nisga'a Nation and an Assistant Professor at the University of British Columbia's Institute for Oceans and Fisheries. She leads UBC's new Centre for Indigenous Fisheries, a national and international hub for the study and protection of culturally significant fish and fisheries.

Dr. Mary Ruckleshaus is the director of the Natural Capital Project and a Stanford University consulting professor. She previously led the Ecosystem Science Program at NOAA's Northwest Fisheries Science Center in Seattle. Her recent work focuses on developing ecological models including estimates of the flow of ecosystem services and changes in human wellbeing under different global management regimes.


Tatiana Degai


Rick Halford

Below (from left): Peter Seligmann, Loretta Keller, Mitch Zuklie, Guido Rahr on the Deschutes.


WSC Staff


Mary Ruckelshaus


Andrea Reid
Alex Sarna

Wild Salmon Center
721 NW Ninth Ave, Suite 300
Portland, OR 97209
(503) 222-1804

wildsalmoncenter.org