

Recent study reveals cost of salmon fisheries closure

Last year’s closure of the commercial ocean salmon troll fishery off the West Coast is estimated to have cost \$5.8 million to \$8.9 million in lost income for fishermen, with the loss of 200 to 330 jobs, according to a new model that determines the cost of fisheries closures based on the choices fishermen make.

Scientists hope the model, described for the first time this week in Marine Policy, will help policy makers anticipate the economic toll of fisheries closures.

“Such foresight may be especially useful as conditions in the California Current off the West Coast grow

increasingly variable, leading to more potential closures,” said lead author Kate Richerson, a marine ecologist with NOAA Fisheries’ Northwest Fisheries Science Center and the University of Washington.

“We’re probably only going to see more of these closures in the future,” she said, “so being able to predict their effects and fallout for coastal communities puts us ahead of the curve in terms of considering those impacts in planning and management decisions.”

The new model estimates the future losses associated with fisheries closures based on the way fishermen reacted to previous closures.

It anticipates, for instance, that many fishermen will simply quit fishing rather than shift their efforts to another fishery instead. In this way, the model accounts for the difficulty fishermen face in entering other fisheries with limited permits, Richerson said.

The research is the first attempt to predict the effect of fisheries closures before they happen, said Dan Holland, an economist at the Northwest Fisheries Science Center and coauthor of the study.

The model, developed prior to the 2017 closure, also can help identify the most affected communities.

For example, Coos Bay and

Brookings, Ore., and Eureka, Calif., were among the hardest hit by the 2017 salmon closures because they are geographically located in the center of the closure that stretched from Northern California to Oregon.

The closure led to the estimated loss of about 50 percent of fisheries-related employment in Coos Bay and about 35 percent declines in fishing-related income and sales.

Predicted percentage declines in overall fishing-related income are lower than declines in salmon income, since many fishermen were predicted to continue to participate in other fisheries.

The study estimated that the clo-

sure led to a loss of \$12.8 million to \$19.6 million in sales. Richerson noted that the model estimates only the economic consequences of the closure to the commercial ocean salmon fishery and does not include the toll on recreational fisheries or in-river fisheries, which would make the total losses even higher.

The closure recommended by the Pacific Fishery Management Council and adopted by NOAA Fisheries was designed to protect low returns of salmon to the Klamath River in Northern California.

Fishing from 1B

coast from Yachats south to the Oregon-California border. The area offers some of the most productive and scenic warmwater fishing in the state with excellent fishing for bass and panfish available in large waters such as **Mercer Lake, Siltcoos Lake,** and **Tahkenitch Lake.**

Tenmile Lakes located south of Florence is renowned for its crappie and trophy bass fisheries, and the site of bass tournaments.

Anglers should also try one of the many smaller lakes scattered along Highway 101 and throughout the coastal dunes area, or Triangle Lake closer to the Willamette Valley.

The warmwater fish available in the south coast area include: Largemouth bass, smallmouth bass, bullheads, black crappie, bluegill, pumpkinseed, yellow perch, green sunfish, warmouth and channel catfish

FEATURED WATERBODY
— TENMILE LAKES

North and South Tenmile Lake provide some of the finest warmwater fishing on the Oregon coast. Located on the east side of Highway 101 mid-way between Reedsport and Coos Bay, the combined lakes offer nearly 2,000 acres of water and miles of shoreline to fish for largemouth bass, bluegill, crappie and brown bullhead catfish.

Much of the property around Tenmile is privately-owned and the lakes are best fished by boat, but a fishing dock at Tenmile Lake County Park in the small community

of Lakeside is wheelchair accessible and a great spot for kids.

There also is a campground and boat launch at the County Park. Spinreel Campground (U.S. Forest Service) on the west side of Hwy 101 offers camping for those wanting an extended stay. Several area resorts and marinas also provide camping spaces, lodging and boat rentals.

Fish generally range from 1 to 4-pounds, but a 6-pound bass is not uncommon.

Bass fishing is best during periods of warmer water from spring through early fall. When spring water temperatures reach about 60 degrees F, the bass move into shallower water to spawn. During the spawn, lures and jigs that imitate prey such as small fish and crayfish, and soft plastic worms work well.

Spinnerbaits, buzzbaits and other surface lures are also effective. Anglers should target areas around willows, docks, logs or vegetation that provide a combination of cover and patches of open water.

Good locations include the **Black’s Creek** arm and railroad trestle crossing on **North Lake**, and the **Coleman** and **Templeton** arms of **South Lake.**

CRAPPIE

Anglers catch crappie in both lakes with good fishing in the spring and throughout the summer. Best fishing is in the calm water along the shoreline, in the many small coves and inlets. Crappie anglers should target shaded areas with wood structure including submerged brush and trees, downed logs and

docks. The fish are often found in schools at depths of 10-15 feet.

A good set-up is light spinning tackle with 4-pound test line and a light-colored 1/32 ounce jig. Have an assortment of garland-style and curly tail jigs in a variety of bright, neutral, and dark colors and sizes.

Use a tapered panfish bobber and change the depth of the jig until you find fish. Allow the jig to sink then retrieve slowly.

Fishing is best early and late in the day, but a mid-day breeze can also trigger a bite. Crappie abundance can go through cycles every few years so check with ODFW for the latest information.

YELLOW PERCH

For yellow perch, you can fish the same areas of the lakes and use a similar set-up as for crappie, but try baiting the jig with a piece of worm. A size-8 hook baited with worm and rigged 1-2 feet above a sinker fished on the bottom will also work.

Perch will most often be found in deeper water than crappie.

Like crappie, perch fishing is best from spring through fall, but they can be caught year-round, even during winter.

BLUEGILL

Bluegill fishing is best as the water warms during the summer. Bluegill will be found in shallow areas with less woody structure, but more vegetation. During the late summer and early fall they can be caught in the canal between North and South Tenmile.

As with crappie, light spinning gear works well, but

smaller jigs and hooks are needed. A small hook baited with a piece of worm or other panfish bait and suspended 10-18 inches below a bobber can be deadly.

Bluegill are aggressive biters, but if you give them too much time they will steal the bait off your hook — pay close attention to your bobber. They will feed throughout the day and are a great target for

young and beginning anglers.

BROWN BULLHEAD

Spinning tackle also works well for the brown bullhead catfish, which are abundant and can reach up to 13-inches long. Worms or baits with a strong odor are effective, particularly when fished near the shore in the evening or at night.

Use 6-8 pound test line and a sliding egg sinker placed

above a barrel swivel. Below the swivel, tie your hook to the end of an 18-inch leader.

The sliding sinker allows the fish to take the bait without feeling the weight of the sinker.

If you’re fishing in an area with weeds, a float can be used instead of a sinker to suspend the bait above the weeds.

Sailors from 1B

qualifying for state with a time of 21.62.

Freshman JJ Neece will also be at the state meet after landing second in the triple jump at 36-06.75. Freshman Nathan Roane was 6th at 26-11.50.

For the girls, freshman Jazzy Roby will be the Lady Sailors’ only representative after running a PR time of 6:49.99 in the 1,500-meter

race to place second. Roby ran the event with a minor foot injury, then twisted her ankle at the finish of Saturday's race.

“She really toughed it out. It's going to be exciting to see how this talented, but somewhat accident prone freshman progresses,” joked Sundstrom. “I am so pleased with the amount of dedication and until this team has had. It’s been a definite youth movement this year, not counting the coach.”

The 1A state meet begins tomorrow, May 17, at 11 a.m., at the University of Oregon’s Hayward Field in Eugene, and continues Friday.

For complete results, visit Mapleton's page on www.athletic.net.

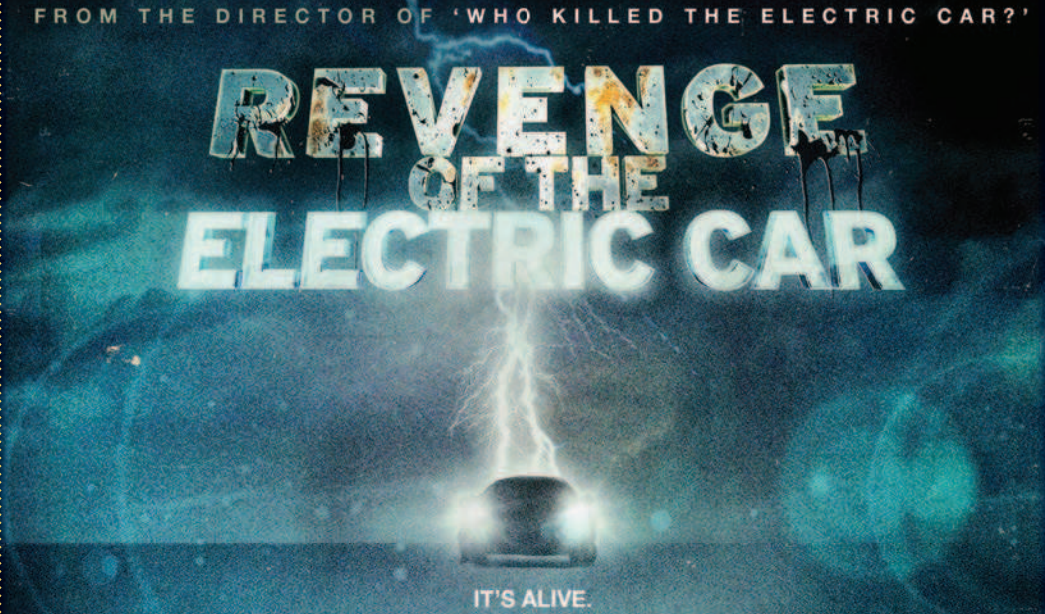
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ATHLETE OF THE WEEK

Gracie Freudenthal
Freshman



TRACK & FIELD

SIUSLAW H.S. TRACK Highlight: Coast Radio Sports congratulates Siuslaw High School freshman Track and Field standout, **Gracie Freudenthal** as this week's Athlete of the Week. Gracie finished in First Place in both the 100 and 300 meter hurdles with a personal record time in the 300 of 47.42. She was also a member of the winning 4x400 Relay.

Honorable Mention Ryan Rendon-Padilla
Highlight: Honorable Mention goes to Siuslaw sophomore **Ryan Rendon-Padilla**. His first place finish in the javelin qualifies him as the First Seed in the OSAA Track and Field State Championships this weekend.

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