

GENTLE.NEWS

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"As if you were on fire from within. The moon lives in the lining of your skin."

— Pablo Neruda

Technology & Innovation

New Program Helps Count Fish Caught by Anglers

Two southern states now have better ways to count fish. Alabama and Mississippi earned special approval for their fishing surveys. These surveys help track how many fish people catch.

The surveys work like this. People visit fishing spots along the shore. They ask anglers about their catches. Other workers call fishing license holders by phone. This helps count all fishing trips in the area.

A national ocean agency gave both states official approval. The agency found the surveys work very well. They provide good information about recreational fishing. Both states can now get federal funding for their programs.

The surveys follow the same plan as Louisiana's program. That state already had approval for several years. All three states now work together to track fishing.

This teamwork helps protect fish for the future. It also helps people who love to fish. Better counting means better care for ocean fish and fishing spots.

New Technology Helps Speed Up Medicine Testing

Good news for patients waiting for new medicines! The FDA is trying a new way to test drugs that could help them work faster.

For 60 years, doctors have tested new medicines the same slow way. When researchers study a new drug, they collect information for months or years. Then they send all the data to the FDA at once. This process can take a very long time.

Now the FDA is using computers and smart technology to watch these studies as they happen. Instead of waiting years to see results, FDA scientists can see how well a medicine works right away. This means safer drugs can reach patients much sooner.

Two big medicine companies are already trying this new system. They are testing treatments for cancer patients. The FDA can see how patients are doing during the study, not just at the end.

This exciting change could help millions of people get better medicines faster. The FDA hopes to use this new method for all drug testing in the future.

Scientists Test New Airplane Wing Design

Scientists are working on an exciting new airplane design. They want to make planes that use less fuel and cost less to fly.

NASA and Boeing are testing a special wing called a truss-braced wing. This wing is long and thin with special supports. It looks very different from airplane wings we see today.

The teams tested a model airplane wing in a special wind tunnel. Wind tunnels help scientists see how air moves around airplane parts. They used half of an airplane model for their tests.

The testing happened in England in a very large wind tunnel. The big size helps scientists get better results. They can move parts of the wing to see how it works during takeoff and landing.

This new wing design could help make flying better for everyone. Planes would use less fuel and be cheaper to operate. The scientists are happy with how the tests went so far.

Scientists Work With Fishermen To Help Ocean Business

Scientists are working closely with fishermen to better understand their work. They want to learn about the costs of running fishing boats.

The team studied comments from fishermen over many years. They looked at surveys from 2006 to 2022. The scientists published their findings in a research journal.

The surveys go to boat owners from Maine to North Carolina. These are people who fish in the ocean for their jobs. The survey is voluntary, so fishermen choose to take part.

Scientists collect important information about fishing businesses. This data helps them understand how fishing families are doing. It also helps them learn about the costs of running a boat.

Working together helps both groups. Scientists get better information about ocean fishing. Fishermen can share their knowledge and experience with researchers.

Animals & Wildlife

Dolphins and Porpoises Are Ocean Friends

Dolphins and porpoises are special sea animals. They are smart and friendly creatures that live in our oceans. Both animals breathe air just like we do. They swim to the top of the water to take breaths.

These ocean friends look similar but have differences. Dolphins have long, slim bodies and curved back fins. Their noses stick out like a beak. They have pointed teeth and love to talk to each other. You can hear them make clicks, squeaks, and whistles.

Porpoises are smaller and rounder than dolphins. They have triangle-shaped back fins and short, round noses. Their teeth are flat like tiny shovels. Porpoises are quiet and shy animals.

Dolphins are very social and travel in big groups called pods. They are curious about people and boats. Porpoises prefer to stay away from humans and boats. They like to swim alone or in small groups.

Both animals are wonderful parts of ocean life. There are over 30 types of dolphins around the world. Porpoises are more rare with fewer types. Next time you see the ocean, remember these amazing animals swimming below the waves.

Activity Time - Word Search

Find the words below in the puzzle. Words go across or down only.

Words to Find:

MEDICINE

DOLPHIN

SURVEY

TUNNEL

BOATS

FISH

PODS

