

Concerned Scientists' Weekly News Bulletin

[April 11th, 2022]



Our weekly bulletin collects and digests news of the past week.

Contributions welcome.

[Click here](#) to view this weekly news bulletin on a web page. Previous weeks' bulletins are archived [here](#).

NEWS ITEMS AND ARTICLES

Nature: [IPCC's starkest message yet: extreme steps needed to avert climate disaster](#)

Radical emissions cuts combined with some atmospheric carbon removal are the only hope to limit global warming to 1.5 °C, scientists from the United Nations Intergovernmental Panel on Climate Change (IPCC) warn.

Washington Post: [EPA moves to ban the most common type of cancer-causing asbestos](#)

The EPA proposed to ban chrysotile asbestos, a deadly carcinogen and the most common form of the toxic mineral still used in the United States.

Agriland: [FAO launches new phase of its agricultural policy initiative](#)

The Food and Agriculture Organization of the United Nations (FAO) has launched a new phase of its agricultural policy initiative in Sub-Saharan Africa, following the announcement of an \$11 million grant from the Bill and Melinda Gates Foundation.

Washington Post: [Methane emissions jumped by record amount in 2021, NOAA says](#)

Global methane emissions soared by a record amount in 2021, according to the National Oceanic and Atmospheric Administration (NOAA), demonstrating the huge challenge facing policymakers who have pledged to limit greenhouse gas emissions.

REGIONAL NEWS

NWI Times: [A mixed bag of results for health-related legislation in 2022 Indiana legislative session](#)

A family physician offers this summary of selected health-related legislation during the 2022 session of the Indiana General Assembly.

NPR: [How green laws stop green projects](#)

In this segment, JB Ruhl explores how legislation affects the environment in this case study on wind turbines and the Indiana bat.

Morning Ag Clips: [Indiana renewable energy survey results](#)

Purdue Extension's Land Use Team conducted a comprehensive overview study of land-use regulations for wind and solar energy. They subsequently created this report on renewable energy, land-use decision-making and ordinance development.

OPINION AND ANALYSIS

United States Department of State: [Opinion: to solve climate change, dive into the power of the ocean](#)

As governments around the world work to sustainably rebuild their economies in the wake of the COVID-19 pandemic, we would do well to remember that the ocean also holds as many opportunities for resilient low-carbon growth as can be found on land.

Conservation: [IPCC report: Countries miss the mark on climate action, but nature could help get us back on track](#)

The report finds that three actions — reducing the destruction of forests and other ecosystems, restoring them, and improving the management of working lands, such as farms — are among the top five most effective strategies for mitigating carbon emissions by 2030.

Science: [Policy reforms for antibiotic use claims in livestock](#)

Growing demand for raised without antibiotics meats and poultry has the potential to curb antibiotic use in food-animal production; however, the integrity of the USDA's RWA labels is being undermined by lax verification and enforcement. Until either the USDA acts to rigorously verify RWA claims or retailers eliminate their own safe harbor of ignorance, consumers should not rely on the accuracy of these labels.

The New York Times: [We are wasting time on these climate debates. The next steps are Clear.](#)

Rather than getting distracted by distant and likely irreducible uncertainties, the focus should be shifted to deploying clean technologies, implementing a coherent climate policy, laying the groundwork for future progress, and creating a just transition that shares the benefits of a sustainable energy system.

The Hill: [Yes, we can reduce global plastic pollution](#)

The world is drowning in plastic pollution, from the deepest depths of the ocean to the highest mountain tops. We can no longer avoid or delay addressing plastic pollution. It's time to choose a different path, one where we live more sustainably with nature

Cyprus Mail: [Five key questions to answer about resilient and sustainable food systems](#)

Food systems are highly complex and interconnected. If our grocery stores and kitchens are to have a future with packed shelves, we need to be able to make our food systems sustainable.

TAKE ACTION AND RESOURCES FOR ACTIVISTS

National Center for Science Education: [Sign up to receive alerts about science education policy](#)

NCSE maintains a registry of all proposed, adopted, and rejected science education policies nationwide.

The CSIU Weekly News Bulletin is now available on the web. To view this page online go to <https://csiub.org/weekly-news-bulletins>. To view archives of past bulletins, see <https://csiub.org/bulletin-archives>.

Our CSIU news bulletin is intended to provide a brief update on recent news, editorials, as well as action items related to science integrity and science policy. Note that editorial pieces and action items are assembled from a variety of sources and organizations; they do not necessarily reflect the opinions or policy priorities of Concerned Scientists @ IU. This week's news bulletin was compiled by ASIU members sophomore Rose Schnabel, freshman Ana Lim, and sophomore Amangul Hydyrova. If you'd like to volunteer—or if you have additional links you'd like to share for future bulletins, send them to Rose at raschnab@iu.edu.

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