



Educating & Informing Stakeholders on Energy, Environment, and Thermal Power Plants

August 2021

Dear Reader,

Welcome to the latest edition of St(o)ppwatch! This is our monthly dispatch of updates and insights on issues surrounding coal-based power plants, air pollution, climate change, and the environment in general. We hope you will enjoy reading this issue of St(o)ppwatch.

Editorial



A brief insight into why ecocide should be prosecuted as an international crime

Ecocide, in literal terms means 'killing of the environment'. In recent times, environmentalists worldwide have become more vocal in advocating the necessity to make ecocide a criminal offence. This article aims to provide a brief insight into why and how the crime against nature should be prosecuted under international law.

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Drought scare looms large over a fifth of India

Over a fifth of India's land area (21.06 per cent) is facing drought-like conditions, according to recent data released by Drought Early Warning System (DEWS) which is 62 per cent more than the area under drought during the same period last year. Uneven distribution and failed monsoon due to climate change are among the major drivers behind the current situation.

Designing a climate law for India

With each passing day, India is seeing the serious effects of climate change and it is time to have a serious conversation about an Indian climate law that promotes research and prompts investment in inclusive and green technology that is necessary for a coherent effort to meet the challenges we are facing.



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Tech "Solutions" Are Pushed by Fossil Fuel Industry to Delay Real Climate Action

It is a known fact that there is a long history of technological promises to address the climate crisis. The result of this agenda is delaying action towards decarbonization and a shift to clean energy. Carbon capture is the latest example, it is not a solution to solve the mess we have been put in by fossil fuel industries. The future belongs to the green economy.

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WORLD'S LARGEST CENTRAL BANKS CONTINUE DRIVE FINANCE TOWARDS FOSSIL FUELS: STUDY

Despite overwhelming evidence of climate change impacts, it has been found that between 2016 and 2020, central banks made no attempts to block commercial banks from financing fossil fuels to the tune of \$3.8 trillion. The International Monetary Fund (IMF), which influences domestic policy across countries, should develop new policy frameworks.



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Explaining the 2021 IPCC Report

Evidence of Global Warming Already Underway



Concentrations of carbon dioxide unmatched for at least 2 million years

Glacial retreat unmatched for 2,000+ years

Last decade warmer than any period for ~125,000 years

Sea level rise faster than any prior century for 3,000 years

Summer Arctic ice coverage smaller than anytime in last 1,000 years

Ocean warming faster than at any time since end of the last ice age

Ocean acidification at highest level of last 26,000 years

Source: IPCC. 21.08.05

₩ WORLD RESOURCES INSTITUTE

Source: IPCC

There is no region on Earth that has not been impacted by climate change. The changes we are already seeing are unprecedented in recent history and will affect every region of the globe. The latest Intergovernmental Panel on Climate Change (IPCC) report has shown that global warming is already underway.

Read the report here

Actions you can take!

Remove Highly Toxic Bandhwari Landfill from Aravallis & Stop Waste To Energy Plant on Site

Science has clearly shown that waste incineration is not a low-carbon investment and studies have shown that waste-to-energy incinerators emit more carbon than coal-fired power plants (CFPP). Whether it is waste-to-energy or co-processing of waste with coal, these are not the solutions we want to solve the challenges we are facing due to climate change. This call is to demand urgent action to protect the Aravallis and the health of millions of residents.

Sign the petition



Did You Know?

According to the Intergovernmental Panel on Climate Change (IPCC) in its "Climate Change 2021: The Physical Science Basis" report, the <u>sea levels around Asia in the North Indian</u> <u>Ocean have increased faster than the global average</u>. By 2040, Chennai will see a 0.10m rise compared to 0.3m in 2020.

Power plant in your neighbourhood?

Use our monitoring <u>tool</u> to see if the plant is adhering to prescribed standards.

For other tools and tips, see <u>here</u>.

About CAG:

Citizen consumer and civic Action Group (CAG) is a non-profit, non-political, professional organization working towards citizen's rights in consumer and

environmental issues and promoting good governance including transparency, accountability, and participatory decision-making.

About Thermal Watch:

An initiative to assist local communities around existing and proposed coal-fired power plants on the Environmental Impact Assessment (EIA) process, by developing and disseminating information toolkits that they can use. In addition to that, we create awareness about the existing compliance processes to push for better compliance by power plants to prescribed environmental standards.

If you would like anyone to receive our newsletter, ask them to write to us, and we will be happy to add them to our mailing list.

If this mail was forwarded to you and you liked it, we would love to have you as our subscriber, please use this <u>form</u> to sign up for St(o)ppwatch.

We would love to hear from you! If you have any feedback, please drop us a line at <u>tpp@cag.org.in</u>.

- Team Thermal Watch

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