

## **Earth Surpasses 1.5°C Global Warming Threshold: A Wake-Up Call for Urgent Action**

February 11, 2025

*Synopsis: Two recent studies show that Earth has surpassed the crucial 1.5°C global warming threshold outlined in the Paris Agreement. This significant climate milestone indicates that the planet is entering an irreversible phase of warming, urging immediate action to mitigate further catastrophic effects.*

## **January 2025: A Record-Breaking Global Warmth Defying La Niña's Cooling Effects**

February 11, 2025

*Synopsis: January 2025 marked the hottest January ever recorded, with global temperatures 1.75°C above pre-industrial levels. This surge occurred despite La Niña, a natural climate pattern known for cooling the Pacific Ocean. The continued rise in temperatures, alongside record-low sea ice extent, highlights the ongoing and accelerating trend of global warming.*

## **The Paris Agreement's Symbolic Emissions Targets: A Global Farce or True Change?**

February 11, 2025

*Synopsis: While nearly every country signed the 2015 Paris Agreement to combat climate change, the arbitrary and flexible emission reduction targets have made the deal largely ineffective. Countries can choose their baseline years and targets, making it difficult to achieve real environmental progress.*

## **Trump Reverses Biden's Plastic Straw Ban, Ignites Culture War Over Pollution**

February 11, 2025

*Synopsis: US President Donald Trump has signed an executive order reversing a previous measure by President Joe Biden, which sought to phase out plastic straws in favor of paper alternatives. Trump's order, which halts federal government purchases of paper straws, stirs controversy in the ongoing debate over plastic pollution and environmental policy.*

## **Greenland's Ice Sheet Cracks Open: Rapid Melting and Rising Sea Levels Pose Grave Threat**

February 11, 2025

*Synopsis: Recent research reveals that Greenland's glaciers are melting faster than expected due to expanding crevasses. These cracks are worsening the rate of ice loss and contributing to the rising sea levels, threatening coastal regions worldwide. This study underscores the urgency of addressing climate change.*

## **Thyssenkrupp Climbs the Summit Once Again in the CDP Climate Ratings**

February 11, 2025

*Synopsis: Thyssenkrupp has achieved the highest rating in the CDP Climate Rating for the ninth consecutive year, showcasing their dedication to environmental responsibility. With a strong focus on reducing CO<sub>2</sub> emissions and embracing green technologies, they continue to lead the way in industrial decarbonization. Their efforts are aimed at supporting global climate goals and helping clients transition to a greener future.*

### **Global Climate Plan Compliance Falls Short: 83% of Emissions Left Unchecked**

February 11, 2025

*Synopsis: Only 10 out of 200 countries met the deadline for submitting new climate plans under the Paris Agreement. These plans are crucial for limiting global warming to 1.5°C above pre-industrial levels, but countries responsible for 83% of global emissions failed to submit their updated strategies.*

### **Autonomous Arctic Monitoring System: A Breakthrough in Ice Melt Research**

February 11, 2025

*Synopsis: Florida Atlantic University researchers have developed a cutting-edge autonomous system to monitor the Arctic's melting ice. This self-sustaining platform, equipped with drones and underwater vehicles, will provide crucial data on Arctic sea ice melt and its environmental impacts, helping improve the autonomy of marine vehicles and aiding in climate change research.*

### **AI & Energy: A New Era of Innovation and Critical Mineral Security Challenges**

February 11, 2025

*Synopsis: Tomorrow, IEA Executive Director Fatih Birol will address global leaders on the intersection of Artificial Intelligence (AI) and the energy sector. He will highlight AI's potential impact on energy systems and emphasize the need for sustainable innovation. The IEA is also releasing new reports and seeking case studies to explore AI's role in energy efficiency. Additionally, geopolitical tensions and trade restrictions on critical minerals pose growing risks to energy supply security.*