

The UNext INSIDER

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Every single hour, forests around the size of 300 football fields are cut down – for our coffee, chocolates, furniture and more. Statistics reveal that by the year 2030, we might only have 10% of our forests.

Enterprise mammoth with the same name as the largest rainforest generated plastic waste of around 300mn kilogram in 2021 alone. If this were laid out, the entire heap could circle the earth 800 times.

Over 500 species of land animals alone are on the verge of extinction as you read this. 92mn tones is the size of waste generated from textile waste alone. The name is fast fashion. If these numbers don't mean anything, remember that it's 39 C in Bengaluru!



Directly or indirectly, we are contributing to environmental, social, and human impact. An interesting fact is that even streaming Netflix or simply doomscrolling on Instagram contributes to carbon emissions because of the energy consumption required to maintain servers.

With every single action and behavior harming the planet, is there a way to tackle this at all?

Can Artificial Intelligence coupled with Data Science be our last hope in resetting the planet and buy ourselves some breathing space (pun intended)?

The good thing is, there is!



Green Intelligence

Our Last-ditch Effort To Stall Environmental Impact

Now, in simple words, Green Intelligence is the use of emerging technologies such as AI, Data Science, IoT, Machine Learning, Cloud Computing, and more to tackle plaguing global concerns.

Before we begin to worship green intelligence as a savior, let's also acknowledge that there is significant harm and impact caused due to this. Cloud Computing is found to cause more carbon footprint the entire global airline industry.

But the reason to hold on to this is the tangible actionable and solution it offers. Planetary degradation doesn't seem to slow down and like we mentioned, almost all roads to damages caused leads to individualistic behavior.

That's why green intelligence is ideal for us to uncover patterns and monitor our behavior to know when to refrain from crossing the line.

With smart home systems and sensor-based enterprise operations, it's easier to automate the consumption of energy and simultaneously track individual usage and contribution.

AI-driven fleet management also helps in optimizing fuel consumption through systematic supply-chain mechanisms and shipping methodologies.

Net Zero goals, on the other hand, can also be propelled further with AI systems as catalysts for insights and strategies on alternative solutions.

AI and IoT can also be implemented to track and monitor endangered species, their health, and population in inaccessible regions to uncover steps required to protect them.

Smart farming can be accelerated with adequate insights on crop cycles and the right afforestation strategies.

Education on E-waste generation and management can be introduced to the uninitiated for more informed decision-making during purchases.

The Role Of ESG

Thankfully, we are also at the right time to delay planetary impact with the onset of ESG. By identifying Environmental, Social, and Governance aspects, this framework that includes reporting enables companies to be more accountable towards the impact caused to our only home.

With change starting from educating employees on the inevitable steps to be taken, ESG along with green intelligence could be our only Uno Reverse card in hand.

Carl Sagan described Earth as a speck of dust suspended on a sunbeam. But he also said that it's our only home. It's on us to take care of it!



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