



# The Green GUARDIAN

( January 2025 )

## Editorial - A Green Beginning

Welcome to the inaugural edition of Eco Vision, a newsletter dedicated to environmental awareness, sustainability, and action. In a world facing climate change, biodiversity loss, and pollution, staying informed and taking meaningful steps toward a greener future is crucial.

Our mission is to bring you insightful stories, innovative solutions, and inspiring initiatives from around the globe. Whether highlighting grassroots efforts, discussing policy changes, or sharing eco-friendly lifestyle tips, Eco Vision aims to be your go-to source for environmental news.

Sustainability is not just a choice—it is a responsibility. Each small step matters and collective action can create a lasting impact. As we embark on this journey together, we invite you to join the conversation, share ideas, and become an advocate for our planet.

**Let's build a sustainable future - one story at a time.**

**The Green Guardian Editorial Board**

**Contributed by Dr. Parthasarathy**

## Eco- Visionaries Global Group



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## Vision

To create a world where sustainability is not an afterthought but a way of life, empowering individuals and organizations to become guardians of the earth.

## Mission

To drive impactful change through education, collaboration, and innovation, working towards achieving the **United Nations Sustainable Development Goals (SDGs)** and fostering a sustainable future for all.

## Eco Visionaries Global Group - The Core Team

- **Nara Subramaniam**, Chairperson – Sustainability Strategist & Corporate Social Responsibility Expert – From Malaysia
- **Dr. Haleema Sadia** – Founder & Director Operations – United Arab Emirates
- **Dr. Chinnu Palanivela** – Vice Chairperson -Green Economy Specialist, Singapore
- **Dr. B. Ramanathan** – General Secretary, Educator and Researcher – Singapore
- **Narendra Singh** – Director of Marketing, Environmental Policy Advocate- India
- **Nazar Danish** – Green Ambassador USA, E-waste Management Expert
- **Cdr. Vijay Kumar** – Climate Change Educator & Researcher India
- **Racquel Warner** – Green Ambassador Jamaica
- **Jeyakar Sahayaraj** – Green Ambassador Kuwait





## About

### Eco Visionaries Global Group:

<https://edufam.ae/eco-visionaries-group/>

Once, the world's skies were blue, the rivers flowed pristine, and the air was crisp. But as industries expanded, forests disappeared, and cities grew, the earth cried for help. Smog choked the skylines, oceans filled with plastic, and the air turned toxic. The beauty of nature faded into a shadow of its former self, and humanity stood at the edge of an irreversible crisis.

Dr. Haleema Sadia, a devoted educator and sustainability advocate, could no longer ignore the devastation. The suffocating air, the rising temperatures, and the silent suffering of countless species ignited a fire within her. She knew that mere words were not enough—action was the only way forward. Driven by urgency, she took a bold step and organized a groundbreaking **Sustainability and SDG Conference in Dubai**, gathering some of the most influential minds committed to saving the planet.

<https://youtube.com/shorts/Kf1db6-XuB0?feature=shared>

The event was more than a conference; it was a call to action. Global leaders, visionaries, and changemakers came together, united by one purpose: to redefine humanity's relationship with the environment. Among them were renowned sustainability experts Nara Subramaniam, Dr. B. Ramanathan, Nazar Danish, Cdr Vijay Kumar, Mr. Narendra Singh each bringing their expertise, passion, and unwavering commitment to the cause.

As discussions deepened, an idea was born—this could not be a one-time effort. They needed a movement, a powerhouse of intellect and action. And so, **Eco Visionaries Global Group** was formed, a think tank dedicated to pioneering sustainable solutions, influencing policies, and educating future generations.

## Sustainable Living Tips:

### 5 Simple Swaps to Cut Your Carbon Footprint

- **Plastic bags:** Cloth or jute bags
- **Bottled water:** Reusable bottle
- **Paper napkins:** Cloth napkins
- **Disposable razors:** Reusable safety razors
- **Fast fashion:** Sustainable, ethical brands

### 5 Simple Swaps to Cut Your Carbon Footprint

- **Bring Your Own Bags:** Carry reusable bags and jars.
- **Buy in Bulk:** Shop from bulk bins to avoid plastic packaging.
- **Plan Ahead:** Make a list to avoid impulse buys and waste.
- **Choose Loose Produce:** Avoid pre-packaged fruits and vegetables.
- **Reuse & Refill:** Find local zero-waste stores that offer refills for household essentials.

### 5 Simple Swaps to Cut Your Carbon Footprint

- **Switch to LED Bulbs:** They use 80% less energy than traditional bulbs.
- **Unplug Appliances:** Even on standby, they consume energy.
- **Take Shorter Showers:** Save water and the energy used to heat it.
- **Use Natural Light:** Open curtains instead of turning on lights.
- **Adjust Your Thermostat:** Set AC a few degrees higher in summer and lower in winter.

Contributed by Dr. Haleema Sadia

# Eco Song

## Life from Nature

*Let's embrace it as our friend,  
Together, let's make trees ascend.*

*They give us breath, they give us life,  
Protect from heat, and ease our strife.  
They purify the air we breathe,  
Give fruits and shade, their gifts beneath.  
Let's awaken love within our hearts,  
For nature's beauty and its arts.*

*The seas, the skies, the rivers, and the breeze,  
Polluted now, they plead for ease.  
Pollution's risen, the air's grown dense,  
Breathing feels like a struggle immense.  
Nature's upset, she turns away,  
Let's unite and save the day.  
Together, let's make trees ascend,  
Let's embrace them as our friends.*

*It is a translation from Hindi Version written by  
Ms. N V Ramani, Hyderabad, India*

## Sustainability : Our Way Forward

*Sustainability lights our way,  
For a brighter, greener day.  
Edufarm leads with purpose true,  
With EcoVisionaries, building anew.*

*We teach, we guide, we plant, we care,  
For future generations, we must prepare.  
A balance of nature, life, and need,  
Sustainability is the path to lead.*

*From e-waste woes to pollution fight,  
Together, we'll bring Earth new light.  
Let's reduce, reuse, recycle with zeal,  
And turn the vision into something real.*

*Every tree, a life it gives,  
A symbol of hope, where nature lives.  
Edufarm and EcoVisionaries stand tall,  
Calling for action, a cause for all.*

*Together, let's make trees ascend,  
Let's embrace them as our friends!*

**AI generated**

Eco Visionaries Global Group is more than an organization - it is a movement, a commitment, and a promise to future generations that the battle for a cleaner, greener world is not lost. **The fight has begun, and together, they will reclaim the earth's blue skies.**

Contributed by Dr. Haleema Sadia





# Carbon Footprint

## Strategies for Achieving a Greener Tomorrow

Every choice I make leaves a mark on our planet. My actions contribute to my carbon footprint from the food I eat to how I travel. But I refuse to sit idly by while climate change worsens. I am committed to reducing my carbon footprint and creating a greener tomorrow.

One of the most effective strategies I follow is conserving energy. I switch off lights and unplug electronics when not in use. I have also replaced incandescent bulbs with LED lights and invested in energy-efficient appliances. Small changes like these save power and cut down on harmful emissions.

Transportation plays a major role in carbon emissions, so I opt for greener alternatives. I carpool, use public transport, and even cycle whenever possible. Walking more not only helps the environment but also improves my health.

Dietary choices matter too. I consciously reduce my meat consumption and support local, organic produce. Livestock farming contributes significantly to greenhouse gases, so choosing plant-based meals even a few times a week makes a difference.

Finally, I advocate for sustainability. I spread awareness, support green policies, and encourage friends and family to make eco-friendly choices. Together, we can reduce our carbon footprints and secure a cleaner, healthier planet for future generations.

**Dr. Parthasarathy**



## Eco News Spotlight:

Let's keep Up-to-Date with the Latest Environmental News and Policies around the world to promote sustainability initiatives

### Landmark Climate Agreement Reached at COP29

World leaders reached a historic climate agreement at the COP29, the 2024 UN Climate Change Conference, held in Baku, Azerbaijan, from November 11 - 22, 2024. This was aimed at significantly reducing global carbon emissions by 2030. This includes commitments from major economies to transition to renewable energy sources and invest in sustainable infrastructure. This landmark deal is expected to accelerate global efforts to combat climate change and promote a greener future.

### New Plastic Ban Regulations Announced in California

California has introduced new regulations to ban single-use plastics by 2026. The new policy aims to reduce plastic pollution and promote the use of biodegradable alternatives. This move is expected to set a precedent for other regions to follow, encouraging a shift towards more sustainable practices in everyday life. This news is particularly interesting, considering that the USA is not part of the Paris Climate Agreement or the Kyoto Protocol.

### How Extreme Weather Patterns are Impacting Global Agriculture

Recent studies have shown that extreme weather patterns, exacerbated by climate change, are having a profound impact on global agriculture. Droughts, floods, and unpredictable weather conditions are affecting crop yields and threatening food security worldwide. Farmers are being forced to adapt to these changes by implementing more resilient agricultural practices and exploring innovative solutions to ensure food production remains stable.

### UN Environment Assembly Resolutions

The 6th session (February 2024) of the United Nations Environment Assembly (UNEA) concluded with countries agreeing to 15 resolutions designed to protect the planet. These resolutions address pollution from chemicals, combat desertification, protect the ocean, reduce air pollution, and better manage freshwater supplies.

### Nations Vow to Limit Emissions from Building Sector under COP29

Seventy countries agreed to a set of principles designed to reduce greenhouse emissions from the construction and operation of buildings. The sector is responsible for more than one-fifth of greenhouse gas emissions.

### UN Launches Effort to Increase Sustainability in Minerals Supply Chain

The UN Secretary-General convened a panel in April 2024, to develop a set of voluntary global principles covering the use of minerals critical to renewable energy technology.



# Your Voice Matters



**Dr. Balakrishnan Ramanathan**

Founder and Managing Director -  
Business Management Consultancy  
Services, Research & Development,  
Learning & Development

## What does sustainability mean to you?

For me, sustainability means creating a balance between meeting our current needs without compromising the ability of future generations to meet theirs. It's about integrating environmental, social, and economic considerations into every decision we make." This is achieved through the choices we make daily, such as our water usage, our dietary choices, our clothing purchases, our means of transportation, etc. Sustainability means making choices today that will positively impact the planet tomorrow. It means thinking of the needs of future generations by ensuring that they will inherit a safe and healthy planet to live and thrive on.

# Eco Pulse



## CARBON FOOTPRINT AND BHUTAN

### Did you know that **BHUTAN** is the world's first carbon-negative country?

We have all heard about Carbon Footprint, which refers to the amount of greenhouse gases, specifically carbon dioxide emissions, and the purpose of measuring it to understand and mitigate its environmental impact of activities to reduce climate change.

Bhutan is the world's first country that absorbs more carbon dioxide than it emits. This is an extraordinary achievement, considering how many countries struggle to even reach carbon neutrality.

### How did Bhutan achieve this esteemed status?

**Massive Forest Coverage** – More than **70% of Bhutan's land** is covered by forests, which act as a natural carbon sink, absorbing millions of tonnes of CO<sub>2</sub> annually.

**Hydropower Instead of Fossil Fuels** – nearly all of its electricity is generated from **renewable hydropower** and exports surplus energy to neighbouring countries.

**Sustainable Policies and Governance** – Bhutan follows a **Gross National Happiness (GNH)** philosophy, prioritising environmental conservation over economic growth. The government actively supports **organic farming, bans plastic bags, and restricts high-emission industries.**

**Free Electricity for Farmers** – To reduce reliance on firewood, Bhutan provides **free electricity to rural communities**, cutting down deforestation and emissions from burning wood.

**Limited Tourism for Environmental Protection** – Bhutan controls the impact of tourism by imposing a **"High-Value, Low-Impact" tourism policy**, which requires visitors to pay a daily fee.

Bhutan is a rare example of a country that has successfully integrated sustainability into its national identity. Its carbon-negative status shows that economic growth and environmental protection **can go hand in hand** when the right policies and cultural values align.

By proving that a greener future is possible and also beneficial and crucial, Bhutan is a powerful reminder that with vision, commitment, and collective action, any nation or business can pave the way toward a more sustainable and prosperous world.

## Let us all do our part!



*A stunning picture of Bhutan, showing the iconic **PARO TAKTSANG (Tiger's Nest Monastery)** perched on a cliffside, surrounded by lush green forests and mist-covered mountains that Bhutan is famous for.*

Contributed by Nara Subramaniam





# Nature's Voice

## Spotlight on Nature

Imagine standing amidst breathtaking landscapes, untouched by the scars of pollution. Pristine waters, lush forests, and majestic mountains converge to create a symphony of scenic beauty.

In these pollution-free havens, nature's splendour is preserved, and the air is crisp and clean. Every breath is a testament to the beauty of unspoiled nature, inviting us to reconnect with the world around us.

Let us cherish and protect these treasures, ensuring that future generations can bask in the glory of scenic beauty, unmarred by the footprint of pollution.

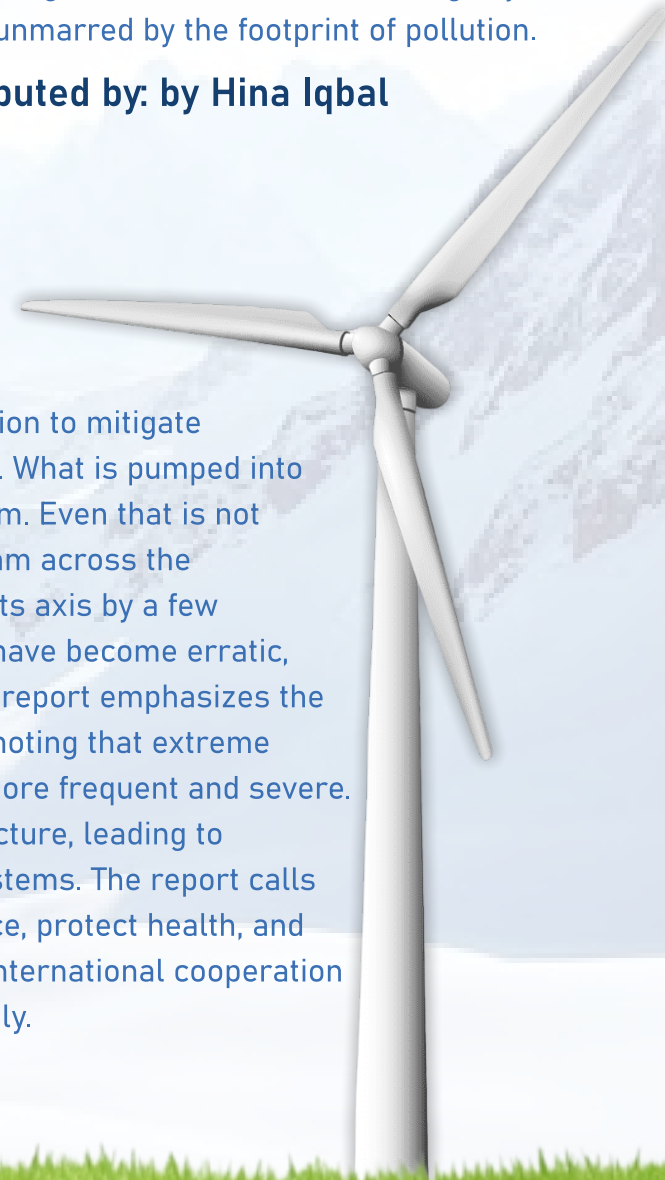
**Contributed by: by Hina Iqbal**

## Global Climate Reports

### Latest Findings from the IPCC 2025 Report

The IPCC 2025 report highlights the urgent need for global action to mitigate climate change and its impacts. Climate knows no boundaries. What is pumped into the atmosphere affects the whole planet if not the solar system. Even that is not guaranteed as there is a finding by NASA that China's mega dam across the Brahmaputra is likely to reduce the revolution of the earth in its axis by a few milliseconds. We have observed that monsoons even in India have become erratic, cyclones have become stronger and their lifespan longer. The report emphasizes the interconnectedness of climate change with water resources, noting that extreme weather events, such as floods and droughts, are becoming more frequent and severe. These events threaten water availability, quality, and infrastructure, leading to increased water scarcity, contamination, and stress on ecosystems. The report calls for sustainable water management practices to build resilience, protect health, and reduce carbon emissions. It also stresses the importance of international cooperation and innovative financing to address these challenges effectively.

**Contributed by Cdr Vijay Kumar**







**NAZAR DANISH**  
( from the USA )

### ***What are the biggest challenges you face in managing e-waste, and how can individuals contribute to solving these issues?***

As a Green Ambassador and Director at Nascorps.com, I believe that one of the biggest challenges in managing e-waste is the lack of awareness and education among individuals about the proper disposal of electronic devices. Many people are unaware of the toxic materials present in e-waste and the environmental harm caused by improper disposal.

#### **Individuals can contribute to solving this issue by taking a few simple steps:**

- Properly dispose of e-waste through designated recycling centres or drop-off locations.
- Donate functional electronic devices to organizations that accept used electronics.
- Purchase eco-friendly and energy-efficient electronic devices.
- Support manufacturers that prioritize sustainable and responsible e-waste management practices.

### ***How do you ensure that electronic devices are safely dismantled and recycled without causing harm to the environment?***

At Nascorps, we ensure that electronic devices are safely dismantled and recycled through our partnerships with certified and reputable e-waste recycling facilities. These facilities follow strict guidelines and regulations to guarantee that e-waste is handled and processed in an environmentally responsible manner.

#### **Some of the measures we take include:**

- Conducting thorough audits of our recycling partners to ensure compliance with environmental and safety standards.
- Implementing a track-and-trace system to monitor the movement of e-waste throughout the recycling process.
- Providing training and education to our staff and partners on the importance of safe and responsible e-waste management.

### ***What innovative technologies or strategies are being used to improve the recycling and repurposing of e-waste?***

The e-waste recycling industry is constantly evolving, with new technologies and strategies being developed to improve the efficiency and effectiveness of e-waste recycling.

#### **Some examples include:**

- Advanced mechanical separation techniques to recover valuable materials such as copper, gold, and silver.
- Chemical recycling processes to break down plastics and recover raw materials.
- Biotechnology-based solutions to extract metals and other valuable materials from e-waste.
- Design for recyclability and design for disassembly approaches to simplify the recycling process.

### ***What steps are being taken to raise awareness about proper e-waste disposal, and how can communities be more involved?***

Raising awareness about proper e-waste disposal is crucial to addressing the environmental and health impacts of e-waste.

#### **At Nascorps, we engage in various initiatives to educate individuals and communities about the importance of responsible e-waste management:**

- Organizing community collection events and drop-off programs for e-waste.
- Partnering with schools and educational institutions to integrate e-waste education into the curricula.
- Collaborating with local governments and municipalities to develop and implement e-waste management policies.
- Utilizing social media and online platforms to disseminate information and resources on e-waste recycling and management.

### ***What policy changes or incentives do you think are necessary to encourage responsible e-waste management and reduce its environmental impact?***

To encourage responsible e-waste management and reduce its environmental impact, I believe that the following policy changes and incentives are necessary.

- Properly dispose of e-waste through designated recycling centres or drop-off locations.
- Tax incentives or subsidies for businesses and individuals that participate in e-waste recycling programs.
- Development of national or international e-waste management standards to ensure consistency and best practices.
- Public education campaigns and awareness programs to inform individuals about the risks associated with improper e-waste disposal and the benefits of responsible e-waste management.
- Investment in research and development of new technologies and strategies for e-waste recycling and management.

**Our humble thanks to Mr Nazar Danish and Nascorps.com | NascorpsUSA.com**



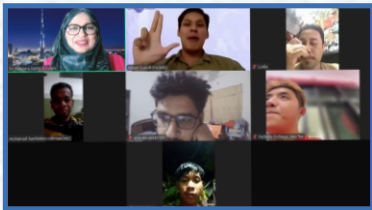
# GREEN EVENTS IN THE COMMUNITY



I had the opportunity to participate in various Desert Clean-up Drives, alongside young volunteers and families. Together, we worked to clear litter from the desert, learning about the importance of preserving our natural environment. It was inspiring to see so many people coming together for a common cause, making a real difference in keeping our surroundings clean. This experience reinforced my commitment to sustainability and environmental action.



## GILMPSES OF JAN 2025



Dr. Haleema Sadia on ReSkills on Stage



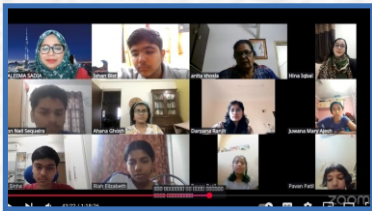
Training at POT OF GOLD



Congratulations winner!



Eco future summit



International Essay Writing Competition on reducing Carbon Footprint



Welcoming the new Ambassador



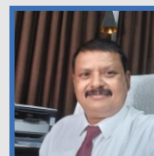
Awarding Green WARRIORS



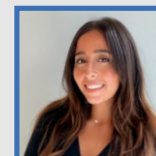
Teacher training



Welcoming the new Ambassador



Ajay Kumar Singh



Toka El Menawy



Bharti Tanveer

## Our Green Speakers during Jan'2025



# Upcoming Eco Events:



- **Sustainability Talk Series:** Saturdays at 5 PM UAE Time
- **Green Cleanup Drive:** 15th February 2025 at the Local Level in your cities and share repost with pics to [newsletteredufam@gmail.com](mailto:newsletteredufam@gmail.com)
- **Poem Composition Competition:** A Tribute to Sustainability (Feb 23)

## Glimpses of January 2025

Eco-visionaries Global Group & Edufam Training Services

5 days of Teachers' Training at Shekhawati, Rajasthan, India

5 days Senior Leaders Team - Counselling Sessions at Shekhawati, Rajasthan, India

### Eco Future Summit, New Delhi

- 22 January- Sustainability talk - 22 Alex Tee- on Sustainable Education and Online Platforms, Malaysia
- 21 January - Peace Conference by IWPG

### Eco Visionaries on Board

- Dr. Mohammad Athar, Mr. Vijay Kumar Singh

### Republic Day of India

- International Essay Writing Competition On Strategies to reduce Carbon Footprint. 200 participants from the globe
- Sustainability talk - 23 January by Dr. Bharti Tanveer on Sustainable Education India
- Sustainability talk - 24 January by Dr. Toka Toka El Menawy on Sustainability and Corporate Responsibility United Arab Emirates
- 29 January Dr. Haleema Sadia on ReSkills on Stage Malaysia shared her thoughts on E-waste, Youth, and Education
- 30 January 2025 Dr. Haleema Sadia conducted a session on Vision to Victory on the Pot Of Gold platform at Al Barsha Dubai