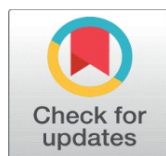
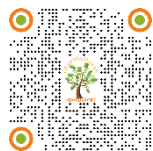


INTEGRATING ANCIENT WISDOM WITH MODERN ENVIRONMENTALISM

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ABSTRACT

Earth Day, first celebrated in 1970, reminds the world of the urgent need to protect our planet. While modern approaches often emphasize scientific research, activism, and environmental policy, ancient Indian scriptures like the Vedas provide a spiritual and philosophical foundation for ecological harmony that remains deeply relevant today. The Vedas, composed over 3,000 years ago, reflect a deep respect for nature. They personify natural elements as divine beings—Agni (fire), Vayu (wind), Prithvi (earth), and Apah (water)—highlighting a worldview that sees humans as part of, not separate from, the environment. The Rigveda, for example, calls for harmony among humans, animals, and nature, urging a balance that mirrors modern principles of sustainability. This ancient wisdom gains new significance in the face of modern challenges like PFAS pollution—synthetic "forever chemicals" found in water, soil, and even human bodies. These chemicals, widely used in industrial products, are linked to serious health and environmental hazards and resist natural breakdown. The contrast is stark: while the Vedas advocate for coexistence with nature, our modern lifestyle often disregards these principles, leading to long-term damage. Integrating Vedic values into contemporary environmental efforts can inspire a more holistic approach. The concept of Dharma—living in accordance with natural laws—encourages responsibility not just toward people but also toward the planet. By revisiting these teachings, modern society can reframe environmentalism not just as a policy issue but as a moral and spiritual duty. Thus, Earth Day offers not only a time to act, but also a moment to reflect. Ancient Indian philosophy, when combined with modern science, can guide us toward a more balanced, respectful, and sustainable relationship with our environment.

Keywords: Earth Day PFAS Vedic Wisdom Ecological Balance

1. INTRODUCTION

Earth Day, celebrated annually on April 22, was founded to highlight the urgent need for environmental protection in the face of increasing ecological degradation. The event was initiated by U.S. Senator Gaylord Nelson, who, alarmed by the massive oil spill in Santa Barbara in 1969 and the general environmental neglect of the time, envisioned a grassroots movement that would bring environmental issues to the national agenda [Environmental Protection Agency \(EPA\) \(2025\)](#). The first Earth Day in 1970 saw participation from over 20 million Americans, uniting people from diverse backgrounds in a shared demand for environmental reform, and leading to the establishment of major environmental legislation such as the Clean Air Act and the Environmental Protection Agency. Over the decades, Earth Day has transformed

into a global environmental campaign, now observed in more than 190 countries [Earth Day org. \(2023\)](#). It has become a unifying platform for environmental advocacy, mobilizing individuals, governments, and organizations to take action on a wide range of environmental issues—from plastic pollution and deforestation to climate change and clean energy transitions. The observance encourages not only public engagement but also policy changes, corporate responsibility, and community-driven initiatives. In the face of today's mounting environmental crises, such as global warming, biodiversity loss, and persistent chemical pollution—including emerging threats like PFAS (per- and polyfluoroalkyl substances)—there is a growing recognition of the need for holistic and sustainable solutions [Cordner et al. \(2021\)](#). Ancient Indian wisdom, particularly from the Vedic texts, offers a time-tested ecological worldview rooted in reverence for nature. These teachings promote harmony between humans and the environment, suggesting that spiritual and ethical perspectives can enrich modern environmental efforts. Revisiting these ancient principles can inspire a deeper, more compassionate approach to Earth stewardship, aligning action with both scientific insight and spiritual responsibility [Dwivedi \(1993\)](#).

2. VEDIC CONCEPTION OF NATURE AND THE FIVE ELEMENTS

In Vedic literature, nature is not merely a collection of resources but a divine, interconnected system of life. The universe is understood to be composed of Panchamahabhutas—the five classical elements: Earth (Prithvi), Water (Apas), Fire (Agni), Air (Vayu), and Space (Akasha). These elements are regarded as sacred forces, each with its distinct qualities and significance in sustaining life.

The Rigvedic mantra— "Sham no mitrah sham varunah, sham no bhavatvaryama. Sham na indro brihaspatih, sham no vishnururukramah."

Translation: May the sun (Mitra), water god (Varuna), wind (Aryama), rain god (Indra), wisdom (Brihaspati), and all-powerful Vishnu bring peace and harmony to us. —epitomizes the Vedic ethos of environmental harmony. This mantra reflects gratitude and reverence for natural forces and underscores the ancient Indian worldview where environmental balance is intrinsically tied to human well-being.

3. EARTH ELEMENT (PRITHVI): SYMBOL OF STABILITY AND GROUNDING

Among the five elements, Earth (Prithvi) is foundational. It represents stability, nourishment, and physical existence. In Ayurveda and Vedantic philosophy, Earth is associated with the Annamaya Kosha, the sheath of physical existence sustained by food and material inputs.

The Taittiriya Upanishad expresses this interconnectedness:

"Pṛthivī me pṛsthāt, pṛthivīm-uttaratah" — "May the Earth be behind me, may the Earth be in front of me."

Earth is not just a passive backdrop but a living, breathing presence—a maternal force that nurtures all life. Disruption of the Earth element, whether through deforestation, pollution, or soil degradation, results in physical imbalances and emotional and spiritual disorientation.

4. MODERN ECOLOGICAL CRISIS: THE CASE OF PFAS POLLUTION

In contemporary times, the Earth is under threat from synthetic pollutants such as PFAS (Per- and Polyfluoroalkyl Substances), known as "forever chemicals" due to their resistance to environmental degradation. Commonly found in non-stick cookware, waterproof materials, and food packaging, PFAS infiltrate soil, water bodies, and even human bloodstreams, with severe ecological and health consequences.

From an Ayurvedic perspective, PFAS mirror the concept of "Ama", or toxic residue that obstructs the flow of life energy (prana). These substances disturb the balance of the Earth element, leading to both environmental and metaphysical disruptions.

5. ENVIRONMENTALISM AS A SPIRITUAL AND ETHICAL IMPERATIVE

The modern environmental movement often employs anthropocentric reasoning—valuing nature for its utility to humans. In contrast, Vedic philosophy promotes a biocentric and ecocentric approach, recognizing intrinsic value in all living beings and ecosystems.

Vedic texts advocate for non-interference, deep ecology, and harmonious coexistence. They teach that human beings are not above nature but part of it. When humanity disregards this wisdom, it leads to environmental degradation, climate instability, and spiritual alienation.

6. VEDIC PERSPECTIVE: THE FIVE ELEMENTS AND ENVIRONMENTAL HARMONY

Ancient Indian philosophy, particularly the Vedas, emphasizes the interconnectedness of all life forms and the environment. Central to this belief is the concept of the Pancha Mahabhutas—the five fundamental elements: Earth (Prithvi), Water (Apas), Fire (Agni), Air (Vayu), and Ether (Akasha) (Isha Foundation, n.d.). These elements are not only the building blocks of the universe but also integral to human existence and well-being. Academy of Vedic Vidya+1Sadhguru Isha Foundation+1 The Taittiriya Upanishad elucidates the significance of these elements, advocating for a harmonious relationship between humans and nature. Disruption in the balance of these elements, whether through pollution or exploitation, leads to ecological and spiritual disharmony [Mayiliragu \(2020\)](#). Mayiliragu

7. INTEGRATING ANCIENT WISDOM WITH MODERN ENVIRONMENTALISM

The Vedic teachings offer a holistic approach to environmental conservation, emphasizing respect, balance, and sustainability. Incorporating these principles can enhance modern environmental strategies:

- **Educational Initiatives:** Education shapes how future generations perceive and interact with the world. Incorporating Vedic concepts such as Rta (cosmic order), Prakriti (nature), and the interconnectedness of

all life can nurture a sense of ecological responsibility rooted in spiritual and cultural values. Teaching students that nature is not just a resource but a living entity deserving of respect can shift environmental thinking from exploitation to coexistence. Activities like storytelling, nature-based rituals, and studying ancient hymns can enrich environmental education by blending science with cultural heritage.

- **Sustainable Practices:** Ahimsa, a core Vedic and later yogic value, extends beyond human relationships to include animals, plants, and ecosystems. In practice, this can translate to eco-conscious living: using fewer plastics, conserving water, reducing meat consumption, and supporting ethical, sustainable products. Ayurveda, the traditional system of health, also emphasizes seasonal living and eco-friendly routines, which naturally lead to reduced environmental impact. By aligning daily actions with the principle of non-harm, individuals contribute to both personal well-being and planetary health.
- **Policy Formulation:** Vedic teachings highlight the importance of maintaining balance in all aspects of life. This idea can inspire environmental policies that go beyond short-term fixes to embrace regenerative practices and long-term ecological integrity. For instance, land-use policies can integrate forest conservation with traditional knowledge systems, and water management can follow the sacred view of rivers as lifelines, not just resources. Including environmental ethics in governance ensures that development respects natural limits, echoing the Vedic ethos of harmony with nature.

8. RECOMMENDATIONS AND THE WAY FORWARD

- 1) Reduce the use of PFAS and other persistent pollutants by choosing sustainable alternatives

PFAS, often dubbed "forever chemicals," are extremely resistant to degradation, accumulating in the environment and living organisms. Reducing their use involves transitioning to eco-friendly materials in consumer products such as cookware, packaging, textiles, and cosmetics. Supporting brands that prioritize non-toxic, biodegradable alternatives helps lower pollution levels and reduces exposure to harmful substances. On a broader scale, investing in green chemistry and sustainable manufacturing practices can shift industries toward long-term environmental health.

- 2) Incorporate Vedic teachings in environmental education, especially those emphasising the sanctity of natural elements

The Vedas teach that nature—earth, water, fire, air, and space—is sacred and must be respected. Introducing these teachings into school and university curricula can foster a sense of reverence for nature from an early age. It can also inspire students to approach environmental protection not just as a civic duty, but as a spiritual and ethical practice. Lessons from scriptures like the Rigveda and Atharvaveda can provide historical context to sustainability and deepen environmental awareness.

- 3) Promote grounding practices such as mindful walking, nature meditation, and Ayurvedic living to realign with the Earth element

Grounding practices reconnect individuals with the natural world on a physical and energetic level. Mindful walking in nature, for instance, can help reduce stress while cultivating a deeper appreciation for the Earth. Meditation practices that focus

on the elements, along with Ayurvedic lifestyles that align daily routines with natural rhythms, promote harmony between the body, mind, and environment. These practices encourage inner balance, which reflects outwardly in eco-conscious choices.

- 4) Support policy interventions that enforce environmental responsibility and ban hazardous substances

Government and institutional action is crucial for large-scale impact. Policies that limit or ban the use of PFAS and other toxic substances can significantly reduce pollution levels. Regulations must be paired with strict enforcement and regular environmental monitoring. Incentives for sustainable innovation, eco-certification programs, and environmental impact assessments can further support responsible industry practices. A legal framework rooted in environmental ethics can align modern law with ancient ecological wisdom.

- 5) Encourage community participation in clean-up drives, tree planting, and eco-conscious living

Grassroots action plays a key role in environmental preservation. Community-based initiatives like river clean-ups, afforestation programs, and sustainable waste management not only improve local ecosystems but also strengthen communal bonds. These activities foster a culture of environmental stewardship, where individuals feel empowered to protect and care for their surroundings. Aligning these actions with spiritual values can make sustainability a shared, meaningful journey.

9. CONCLUSION

In today's world, where rapid industrialization and consumerism often overshadow ecological responsibility, it is imperative to reflect on both the modern challenges we face and the ancient wisdom that once guided human interaction with nature. Environmental issues such as PFAS pollution—known for their persistence in ecosystems and harmful impact on human health—are stark reminders of what can occur when we lose touch with the natural world. These problems are not just scientific or technical failures, but also ethical and philosophical ones. The Vedas, composed thousands of years ago, offer profound ecological insights that emphasize reverence for all life forms, the interconnectedness of the elements, and the need for balance between consumption and conservation. Concepts like *ṛta* (cosmic order), *prithvi sukta* (hymns to Earth), and the worship of natural elements like air (*vayu*), water (*apah*), and fire (*agni*) reflect a deep understanding of ecological harmony. Revisiting these principles is not about romanticizing the past but about reawakening a consciousness that prioritizes respect, restraint, and responsibility toward nature. By integrating this ancient ecological wisdom with contemporary scientific approaches, we can pave the way for more holistic and sustainable environmental policies and practices. This fusion of traditional knowledge and modern awareness can help foster a renewed sense of ecological stewardship, encouraging humanity to live not as masters of nature, but as mindful participants in its intricate web.

CONFLICT OF INTERESTS

None.

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REFERENCES

- Carson, R. (1962). *Silent Spring*. Houghton Mifflin.s
- Cordner, A., Ciplet, D., Brown, P., & Morello-Frosch, R. (2021). Environmental Injustice and the Persistence of Pfas Contamination. *Environmental Health*, 20(1), 1-7.
- Dwivedi, O. P. (1993). Modern Science and Vedic Science: An Integrated Approach To Environmental Ethics. *Environmental Ethics*, 15(1), 49-57.
- EarthDay.org. (2023) Earth Day History.
- Environmental Protection Agency (EPA). (2025). The Origins of Earth Day.
- Ghosh, A. (2020). Ancient Indian Wisdom for Sustainable Living: A Vedic Perspective. *International Journal of Environment and Sustainability*, 9(1), 12-18.
- Gopal, M. (2012). Environmental Ethics in Ancient Indian Literature. *Journal of Dharma*, 37(4), 425-438.
- Isha Foundation. (2025). What Are the Five Elements or Pancha Bhutas? Sadhguru Isha Foundation.
- Jain, D. K., & Sharma, R. (2024). Examine the Trainee Teachers' Viewpoints Regarding Theater-Based Teaching (TBT). *ShodhKosh: Journal of Visual and Performing Arts*, 675-690. <https://doi.org/10.29121/shodhkosh.v5.i1.2024.980>
- Jain, D. V. K. (2024). Exploring Educator Communities of Practice on Youtube: Enhancing Professional Development and Collaborative Learning. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4842557>
- Jain, D. V. K., & Sharma, R. (2024). Examine the Viewpoints of Preschool Teachers Toward Music As Pedagogical Tools. *Swar Sindhu: National Peer-Reviewed/Refereed Journal of Music*, 12(01).
- Jain, V. K. (2021). The Impact of Social Media on the Academic Development of School Students. *Asian Journal of Multidimensional Research*, 10(12), 644-648. <https://doi.org/10.5958/2278-4853.2021.01212.X>
- Jain, V. K., & Sharma, R. (2023). Learners' Perception Towards Audio-Visual (Av) Resources Used in Lecture Classes. *ShodhKosh: Journal of Visual and Performing Arts*, 4(2), 425-434. <https://doi.org/10.29121/shodhkosh.v4.i2.2023.648>
- Jain, V. K., & Sharma, R. (2024a). Examine the Viewpoints of B. Ed. Teachers Regarding Theater-Based Teaching (TBT). *ShodhKosh: Journal of Visual and Performing Arts*, 5(1). <https://doi.org/10.29121/shodhkosh.v5.i1.2024.980>
- Jain, V. K., & Sharma, R. (2024b). Examine the Viewpoints of B.Ed. Teachers Regarding Theater-Based Teaching (TBT). *ShodhKosh: Journal of Visual and Performing Arts*, 5(1). <https://doi.org/10.29121/shodhkosh.v5.i1.2024.980>
- Jain, V. K., Sharma, R., & Sharma, D. (2022). Women Empowerment Through Entrepreneurship (A Case Study of Moradabad Zone of Up, India). *Central European Management Journal*, 30(4), 469-475.
- Kannan, R. (2019). Ayurveda and Environmental Balance: An Integrated Approach. *Journal of Traditional Medicine*, 15(2), 110-117.

- Lindstrom, A. B., Strynar, M. J., & Libelo, E. L. (2011). Polyfluorinated Compounds: Past, Present, and Future. *Environmental Science & Technology*, 45(19), 7954-7961. <https://doi.org/10.1021/es2011622>
- Maheshwari, D. K., & Dubey, R. C. (2015). Environment and Ecology in the Vedic Literature: A Review. *Indian Journal of History of Science*, 50(3), 375-384.
- Mayiliragu. (2020, June 4). the Origin of the Five Elements As Per the Vedas.
- Ginty, M. M. (2023). Natural Resources Defence Council. "Forever Chemicals", Called Pfas, Show Up in Your Food, Clothes, and Home.
- Sharma, D., Sharma, S., Jain, V. K., & Sharma, R. (2022). A Study of the Attitude of Female and Male Teacher Trainees Towards the Teaching Profession. *Journal of Positive School Psychology*, 6(11), 798-805.
- Singh, R., Jain, V. K., & Yadav, S. (2025). Attitude of Secondary School Teachers Towards Inclusive Education. *International Journal of Research - GRANTHAALAYAH*, 13(3). <https://doi.org/10.29121/granthaalayah.v13.i3.2025.6037>
- Tyagi, A., & Jain, V. K. (2025). A Study of Professional Attitude of Teacher Trainees in Different Teacher Training Institutions. *International Journal of Research - GRANTHAALAYAH*, 13(3). <https://doi.org/10.29121/granthaalayah.v13.i3.2025.6026>
- United States Environmental Protection Agency. (2023). Pfas Explained.
- United States Environmental Protection Agency. (2025). Epa History: Earth Day.
- White, L., Jr. (1967). The Historical Roots of Our Ecological Crisis. *Science*, 155(3767), 1203-1207. <https://doi.org/10.1126/science.155.3767.1203>
- World Health Organisation. (2022). Per and Polyfluoroalkyl Substances (Pfas) in Drinking-Water: Background Document for Development of Who Guidelines for Drinking-Water Quality. World Health Organization.