



**CADET COLLEGE  
HASANABDAL**

A Not-for-Profit Boarding High School  
*Shaping Excellence Since 1954*


# SOCIETY OF ENVIRONMENT



**CADET COLLEGE HASANABDAL**

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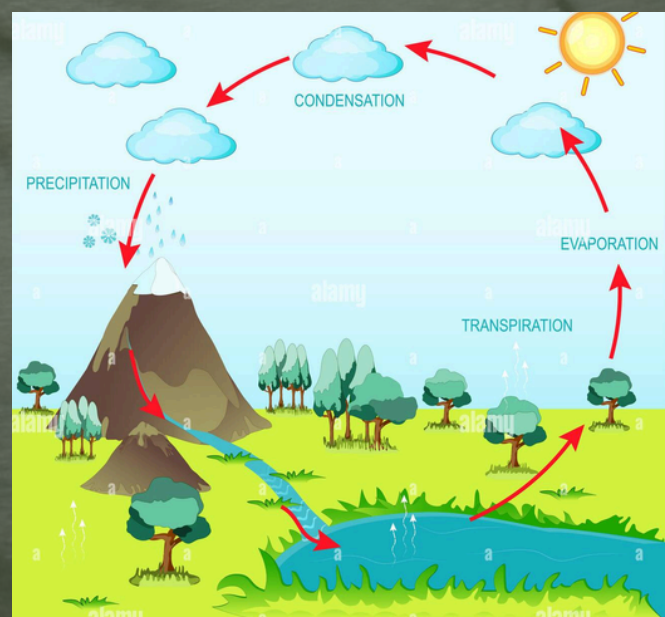
– Lady Bird Johnson

The environment is everything that surrounds us—both natural and man-made. It includes the air we breathe, the water we drink, the soil beneath our feet, the plants and animals we share the planet with, and the buildings and cities we have created. In simple terms, the environment is the world in which we live.

The natural environment consists of ecosystems—complex networks of living organisms (like plants, animals, and microorganisms) interacting with non-living components (such as sunlight, air, water, and minerals). These systems work together to maintain balance on Earth. Forests clean our air, oceans regulate our climate, and soil gives life to the food we eat.

But humans are not just passive inhabitants of this environment—we actively shape it. Through farming, industry, urbanization, and technology, we have altered natural landscapes, changed the climate, and impacted biodiversity. While many of these changes have improved our quality of life, they have also created serious environmental problems, such as pollution, deforestation, and climate change.

Understanding the environment is important not only for protecting nature but also for ensuring our own survival. A clean, healthy environment supports good health, access to food and water, economic development, and peace. As the global population grows and the demand for resources increases, it is more important than ever to learn how to live sustainably and take care of our planet.



# INTRODUCTION

Nature is not a place to visit; it is home. The Environment Society at Cadet College Hasanabdal was founded to instill in students a profound respect and responsibility toward the natural world. It is a dynamic platform where students engage with real world environmental issues through action, creativity, and leadership.

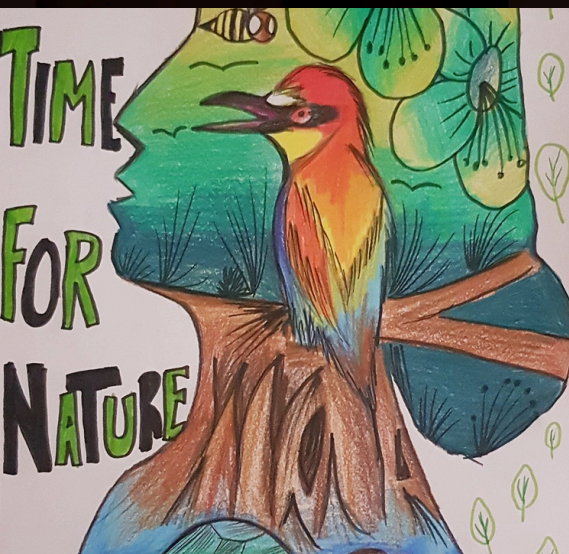




From tree plantations and recycling drives to biodiversity campaigns and awareness walks, the Society transforms environmental education into an active and participatory journey.

## ENVIRONMENTAL AWARENESS AND YOUTH ENGAGEMENT

The pressing environmental issues of our time; climate change, deforestation, water scarcity and pollution require informed and empowered young leaders. This Society channels student energy into practical projects, collaborative campaigns, and sustainable innovations that not only raise awareness but also inspire action.



## PURPOSE TO INTRODUCE ENVIRONMENT SOCIETY AT CCH

The Environment Society serves as a proactive initiative to:

1. Educate students about ecological systems, conservation, and sustainable living.
2. Foster leadership, collaboration, and responsibility in environmental stewardship.
3. Provide practical experiences in managing and protecting natural resources.
4. Encourage student-led initiatives that contribute to the campus and community.



# IMPORTANCE OF THE ENVIRONMENT SOCIETY

1. Promotes hands-on learning through eco-projects and campus greening.
2. Builds environmental ethics and values from an early stage.
3. Cultivates lifelong habits of sustainability, civic duty, and science literacy.
4. Positions students as eco-ambassadors within and beyond the institution.



## AIM & OBJECTIVES

### Aim:

To develop environmentally conscious students who understand, respect, and actively protect the natural world.

### Objectives:

1. Instill ecological knowledge and sustainable habits.
2. Promote teamwork through eco-projects and green campaigns.
3. Engage in school-wide and local environmental improvement drives.
4. Participate in national and international sustainability initiatives.
5. Encourage innovation in solving environmental problems.



# LEARNING OBJECTIVES BY GRADE

## Grade 8th (Member )

1. Understand the importance of biodiversity,
2. Conservation, and clean energy.
3. Participate in nature walks and basic recycling activities.
4. Learn about the 3Rs: Reduce, Reuse, Recycle.
5. Create awareness posters and seed-planting projects.

## Grade 9th (Participant)

1. Explore local environmental challenges and sustainability solutions.
2. Join clean-up drives and simple water conservation projects.
3. Design simple eco-models (e.g., solar ovens, compost bins)

## Grade 10th (Contributor)

1. Study global environmental issues like climate change, ozone depletion, etc.
2. Organize debates, eco-quizzes, and awareness presentations.
3. Implement small-scale green solutions around campus (vertical gardens, water-saving)

## Grade 11th (Associate)

1. Lead thematic environmental campaigns (Green Week, Earth Day events).
2. Build research-based awareness material for community outreach.
3. Conduct water quality and air pollution surveys using basic tools.



## Grade 12th (Fellow )

1. Mentor junior students in planning and executing green projects.
2. Collaborate with NGOs or institutes for sustainable development projects.
3. Design and present research-backed proposals for environmental improvement in campus and community.

## USEFUL PLATFORMS

WWF Pakistan's Green School Program

[https://www.wwfpak.org/take\\_action/environmental\\_education\\_programme/green\\_school\\_programme\\_/#:~:text=The%20Green%20School%20Programme%20aims,we%20foster%20lasting%20environmental%20stewards.](https://www.wwfpak.org/take_action/environmental_education_programme/green_school_programme_/#:~:text=The%20Green%20School%20Programme%20aims,we%20foster%20lasting%20environmental%20stewards.)

Earth Day Network Projects

UNDP Youth Climate Challenge “Youth4Climate (Y4C)”

<https://climatepromise.undp.org/what-we-do/flagship-initiatives/youth4climate>

British Council’s “Connecting Classrooms for Climate Change”

<https://www.britishcouncil.pk/programmes/climate-connection>  
Earth Rangers

Eco-Schools Global

WWF Pakistan

Green Living Association

UN Environment Program



## STRUCTURAL HIERARCHY

The Environment Society at Cadet College Hasanabdal is gracefully organized to foster leadership, creativity, and collaborative growth. Its structure reflects both discipline and team work, allowing students to flourish under thoughtful guidance.

**Officer-in-Charge:** One of the faculty members, entrusted with mentoring, overseeing progress, and nurturing the artistic journey of the students.

**President:** A senior student leader with exceptional dedication and commitment to environmental issues; serving as inspiring lead and creative guide.

**Vice - President:** A proactive and skilled member who supports the president and contributes dynamically to the society's initiatives, assisting in event planning and awareness drives.

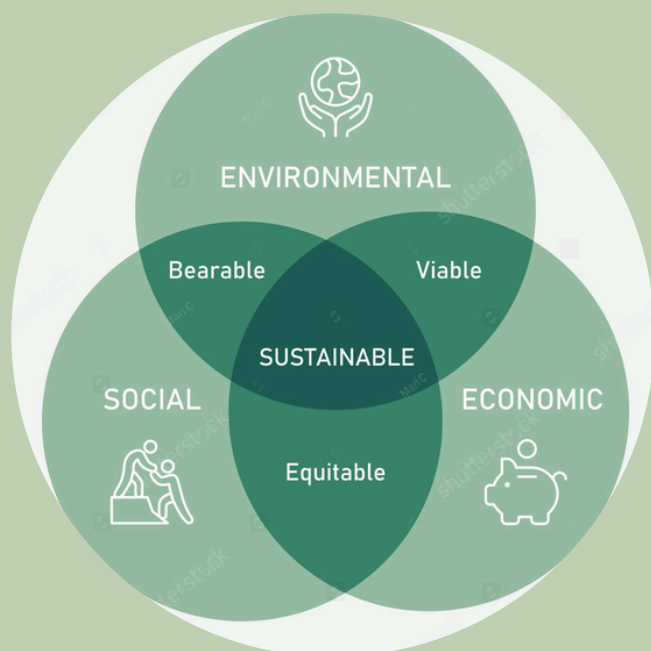
While there is no rigid cap on membership, the society typically welcomes 4 to 5 passionate students from each class, bringing the total to around 20 members. This inclusive circle fosters diversity of talent and experience. 20-25 passionate students selected based on interest and commitment.

# BENEFITS TO LEARNERS AND INSTITUTION

1. Improved environmental literacy
2. Stronger values of responsibility and empathy
3. Public recognition for sustainable practices
4. Development of future eco-leaders

# FUTURE PLANS FOR THE ENVIRONMENT SOCIETY

1. Participate in national climate and biodiversity conferences.
2. Create digital content for environmental awareness.



# PROJECT BASED LEARNING (PBL) IN THE ENVIRONMENT SOCIETY

PBL allows students to explore authentic environmental issues through structured, solution-oriented projects.

Objectives of PBL:

1. Deepen understanding through hands-on, real-world applications.
2. Cultivate leadership and teamwork.
3. Enhance critical thinking and problem-solving.
4. Connect environmental studies to civic action.



## PBL FRAMEWORK:

### 1. Driving Question:

How can our school reduce its ecological footprint?

How can we restore native biodiversity on campus?

### 2. Research and Planning:

Investigate the issue

Choose methods (surveys, prototypes, field visits)

### 3. Design & Execution:

Develop a plan (e.g., composting unit, awareness campaign)

Build and document the process

### 4. Presentation:

Exhibit at school events

Publish summaries or videos

### 5. Reflection:

Maintain journals

Discuss lessons learned



## PBL PROJECTS:

Ongoing Project: “From Trash to Tech”

Goal: Transforming e-waste into useful, eco friendly tools

Outcome: Project and a white paper

Future Project: Cleanliness drive of Haro River

Goal: To restore and preserve the natural environment of the Haro River

Outcome: Removal of visible solid waste and pollutants from targeted sections of the Haro River.



## ASSESSMENT CRITERIA

1. Impact & Innovation
2. Presentation & Communication
3. Research Accuracy
4. Collaboration
5. Consistency & Dedication

## CONCLUSION

The Environment Society at Cadet College Hasanabdal is more than just an extracurricular activity; it is a movement. It nurtures a generation of mindful, capable students who think globally and act locally. Through awareness, action, and advocacy, we aim to build a greener, wiser tomorrow.



