



# **SUSTAINABLE DEVELOPMENT GOAL 13**

KINNAIRD COLLEGE FOR WOMEN REPORT ON

**SUSTAINABLE DEVELOPMENT GOAL 13**



**CLIMATE ACTION**

## SUSTAINABLE DEVELOPMENT GOAL 13

### GOAL 13: CLIMATE ACTION

Every person, in every country in every continent will be impacted in some shape or form by climate change. There is a climate cataclysm looming, and we are underprepared for what this could mean.

Climate change is caused by human activities and threatens life on earth as we know it. With rising greenhouse gas emissions, climate change is occurring at rates much faster than anticipated. Its impacts can be devastating and include extreme and changing weather patterns and rising sea levels.

If left unchecked, climate change will undo a lot of the development progress made over the past years. It will also provoke mass migrations that will lead to instability and wars.

To limit global warming to 1.5°C above pre- industrial levels, emissions must already be decreasing and need to be cut by almost half by 2030, just seven years away. But, we are drastically off track from this target.

Urgent and transformative going beyond mere plans and promises are crucial. It requires raising ambition, covering entire economies and moving towards climate-resilient development, while outlining a clear path to achieve net-zero emissions. Immediate measures are necessary to avoid catastrophic consequences and secure a sustainable future for generations to come.

# SUSTAINABLE DEVELOPMENT GOAL 13

Kinnaird’s activities on GOAL 13: Climate Action

## Courses offered

Kinnaird College for Women offers major courses on Climate Action goal of sustainable development. The Final projects of students mainly focus on the Sustainable Development Goals for raising the understanding regarding the importance and requirements of the Agenda 2030 sustainable development goals.

## Drive/Campaigns

- Anti-smog drive as part of GYM Initiative
- Tree plantation in Kinnaird college premises.
- Plantation Campaigns

## Climate leader: Innovating the Green Future series

Attended by: Ms Shanila Bukhari

7th – 9th June, 2024





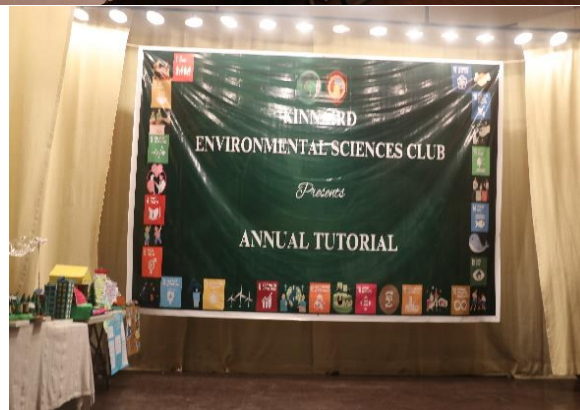
# SUSTAINABLE DEVELOPMENT GOAL 13

## Annual Tutorial ,10<sup>th</sup> SEPTEMBER 2024

Titled: Sustainability for Thriving Future, at Kinnaird College.

Dr Shafaat Yar Khan Associate Professor from Zoology Department GCU was invited as the guest Speaker.

Students also designed 3d Models and posters on the topic of sustainable solutions to Environmental problems.



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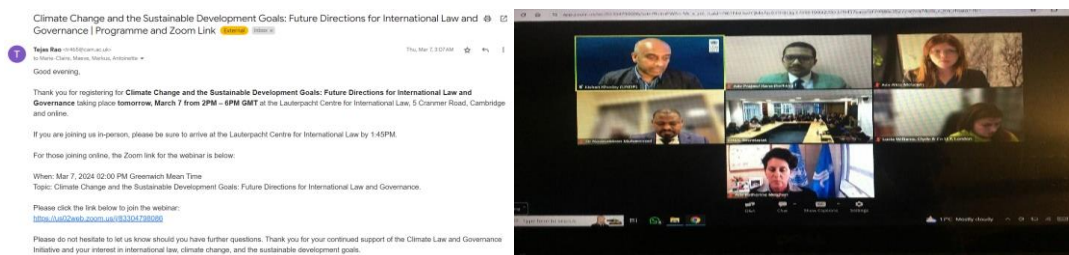
## Exhibition Visit: ‘WATER, PLANTS & OTHER ECOLOGIES’ 30th Aug, 2024

Students and faculty of semester 3, 5 and 7 visited ‘Water, Plant & Other Ecologies’, a solo exhibition by internationally renowned artist, Hamra Abbas curated by Imran Qureshi. Displayed at The BARRACKS Art Museum, Nasir Bagh, Lahore.



## Climate Change and the Sustainable Development Goals

Shaffaf Shahid attended a Cambridge University webinar titled ‘Climate Change and the Sustainable Development Goals: Future Directions for International Law and Governance’ on 07.03.2024.





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## Pace-Maryland Colloquium

Shaffaf Shahid virtually attended the Pace-Maryland Colloquium on 11.04.2024 where a selection of UMD Law and Haub Law students presented on a range of topics related to Environmental Law.

From: Shaffaf Shahid <shaffaf@shahid.com> on behalf of shaffaf@shahid.com  
 Sent: Monday, April 15, 2024, 12:57  
 To: Shaffaf Shahid <shaffaf@shahid.com>; Shaffaf Shahid <shaffaf@shahid.com>  
 Subject: Pace | Haub Environmental Law News: TCMC2024 April 12 - Pace Maryland Colloquium

Greetings Fellow Alums!

The Pace Maryland Colloquium will take place tomorrow (Thursday April 11) from 2pm-5pm in the Tudor Room at the Haub Law campus in White Plains. We have an outstanding selection of UMD Law and Haub Law students presenting on a really interesting range of topics:

- Climate Change Adaptation is Everyone's Problem: Comparing the Nature of and Capacity for Adaptation in the United States and Brazil (Zachary Pater - Haub Law)
- And That's Just Going by the Board: Environmental Justice & FERC Permitting (Aliyah Pughen Paper Online (Juliana Birge - Haub Law)
- The Role of Local Governments in Managing Climate Migration: A Case Study of Puerto Rico's Habitat Law - Haub Law
- Preserving Maritime Biodiversity: A Study of the Rights and Obligations Associated with Sovereignty (The Oliver Stone - Haub Law)
- Preparation 12 and the Power of States to Prohibit Pharmaceutical Wastewater (Kaitlyn Johnson - UMD Law)
- The Clean Air Act and NEPCO: How Business Courts are Managing to Move Resources to Preemptive Environmental Litigation in Baltimore (Emily Volney - UMD Law)
- Bankers' EPA: When Regulators' Actions Complicate and Property Rights Edge Over Clean Water Act Protections (Ja Vandenberg - UMD Law)

If any of the above interest you, feel free to join the session via zoom. Scroll down for zoom details.

Or if you happen to be in the vicinity, please join us in person! It looks like the audience will include a special international guest, the wonderful Tony Ocasal (what a treat for the students presenting)

Best,  
 Shaffaf

Shaffaf Shahid  
 Associate Director of Environmental Law Program & Global Fellow  
 Shaffaf Shahid School of Law (Shahid Law School)



## Climate Causality

The Law Department (faculty and students) attended an online talk by Prof. Petra Minnerop on Climate Causality: from Causation to Attribution on 01.07.2024, hosted by the Federal Judicial Academy.

**Join us on an Insightful Talk by**  
**PROF. PETRA MINNEROP**  
 DURHAM UNIVERSITY LAW SCHOOL

**ON**  
 Climate Causality: From Causation to Attribution

**SPEAKER'S PROFILE**  
 Professor Petra Minnerop is the Chair of the UN SDG Group of the University, with a coordinating responsibility for the University's reporting on Sustainability (QS) and the SDGs (THE Impact ranking). She leads on the University's engagement with the United Nations Framework Convention on Climate Change (UNFCCC). She currently serves as the Deputy Executive Dean (Global) of the Faculty of Social Sciences and Health and the founder and Director of the Durham Centre for Sustainable Development Law and Policy.

**1800 (PAKISTAN STANDARD TIME)**  
**1400 (BRITISH SUMMER TIME) (BST)**  
**JULY | 1<sup>ST</sup> | 2024**

**HOW TO JOIN:**  
 - ZOOM LINK: [HTTPS://FB.BY/ZT2Y05](https://fb.by/zt2y05)  
 - MEETING ID: 246 102 2559  
 - PASSCODE: FJADPS1

Federal Judicial Academy, Islamabad  
[www.fja.gov.pk](http://www.fja.gov.pk), Email: [contact@fja.gov.pk](mailto:contact@fja.gov.pk)  
 Phone: +92 51 9269675





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## “Of Mountains and Seas” Climate Congress

“Of Mountains and Seas” Climate Congress from 02 to 08 Nov, 2024 Fine arts department attended the climate congress “Of Mountains and Seas”.

Image: Abraham Oghobose, Anatomy of Landscape – Jos, 2018

Convened by  
**IFTIKHAR DADI**  
**JOHN TAIN**

As the closing program of the third edition of the Lahore Biennale, the Climate Congress extends the histories and research developed as part of the main exhibition by convening a mix of leading and emerging researchers, artists, curators, and other practitioners for conversations, discussions, and workshops.

	<b>2 Nov</b>	<b>3 Nov</b>
	<b>10:00 AM</b> Exhibition Viewing Shalimar Garden & Station	<b>10:00 AM</b> Exhibition Viewing Lahore Fort
	<b>2:00 PM</b> Exhibition Viewing Lahore Museum	<b>4:00 PM</b> Exhibition Viewing Hall 3, Bradlaugh Hall & Alhambra Art Center
	<b>4:00 PM</b> Exhibition Viewing Nasir Sagh, Pak Tea House, & YMCA	<b>6:00 PM</b> Anthony Acciavatti, Yale University “Groundwater Earth: The World before and after the Tubewell” (Talk) Hall 3, Alhambra Art Center
	<b>6:00 PM</b> Tamara Chin, Brown University “The Climate of Silk Road Studies” (Talk) Lahore Museum Auditorium	<b>7:00 PM</b> Saif Samejo (Lahooti) and Invisible Flock “An Evening with Echoes of Karoonjhar” Hall 3, Alhambra Art Center
	<b>7:00 PM</b> Haegue Yang and John Tain “Eco-motion: A Conversation” Lahore Museum Auditorium	

### 4 Nov

**4:00 PM**  
“Asia Forum Arts and  
Environment Roundtable”  
Hall 3,  
Alhambra Art Center

**6:00 PM**  
**Anna Gade,**  
**University of Wisconsin**  
“Muslim Environmentalisms:  
Theory and Practice” (Talk)  
Hall 3,  
Alhambra Art Center

**7:00 PM**  
**Elyas Alavi**  
“Desert Whispers”  
(Performance)  
Hall 3,  
Alhambra Art Center

### 5 Nov

**4:00 PM**  
“Asia Forum Arts and  
Environment Roundtable”  
Lahore Museum  
Auditorium

**6:00 PM**  
**Nida Rehman,**  
**Carnegie Mellon**  
**University**  
“The Intractable Garden:  
Improvement and  
Unruliness in Lahore’s  
Landscapes” (Talk)  
Lahore Museum  
Auditorium

**7:00 PM**  
**Vikram Divecha**  
“Dohrana”  
(Screening and  
Conversation)  
Lahore Museum  
Auditorium

### 6 Nov

**4:00 PM**  
“Asia Forum Arts and  
Environment Roundtable”  
SS Auditorium, LUMS

**5:30 PM**  
“Lamenting the Beloved City”  
(Exhibition)  
Academic Block, LUMS

**6:15 PM**  
**Amen Jaffer, LUMS**  
**Ameem Lutfi, LUMS**  
**Nosheen Zaidi, PU**  
**Aneeqa Wattoo, LUMS**  
**Maryam Ibrahim, LUMS**  
(Moderator)  
“Urban Ecologies: Infrastructures  
and Lived Realities” (Panel)  
SS Auditorium, LUMS

**7:45 PM**  
**Wong Kit Yi**  
“The Bad She Made”  
(Performance)  
SS Auditorium, LUMS



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<p><b>7 Nov</b></p> <p><b>4:00 PM</b> Asia Forum "Arts and Environment Roundtable" Lahore Museum Auditorium</p> <p><b>6:00 PM</b> Sugata Ray, UC Berkeley "Avian Entanglements in the Age of the Sixth Mass Extinction" (Talk) Lahore Museum Auditorium</p> <p><b>7:00 PM</b> Natasha Raheja, Cornell University "Human and Animal Ecologies Across the Thar Borderlands" (Screening) Lahore Museum Auditorium</p>	<p><b>8 Nov</b></p> <p><b>5:30 PM</b> Saba Pirzadeh, LUMS Ahmad Rafay Alam, lawyer Fazilda Nabeel, LUMS Sana Khosa, LUMS (Moderator) "Climate Narratives: Storytelling, Advocacy, &amp; Environmental Justice" (Panel) NIB Auditorium, LUMS</p>
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Register Here: 

## Green Campus Initiative

Green Campus Initiative: one initiative of Kinnaird towards sustainability, is to convert the campus into Green Campus.

- Solar System for Campus & Hostels
- Ban of Styrofoam
- Greenery in campus



## Annual Tutorial organized on 10<sup>th</sup> September 2024 by Environmental Sciences Club

Annual Tutorial organized by Environmental Sciences Club on 10/9/2024 titled {Sustainability for Thriving Future", at Kinnaird College. Dr Shafaat Yar Khan (guest Speaker) topic of presentation was "Effects of climate change on emergence of diseases". Students designed 3d Models and posters on the topic of sustainable solution to environmental problems.

Get Creative, Think Green, Design Smart

**KINNAIRD ENVIRONMENTAL SCIENCES CLUB**

Cordial extends an invitation to join us as a Guest  
At the Annual Tutorial

**"Sustainability for Thriving Future"**

INNOVATIVE SOLUTIONS TO SUSTAINABILITY

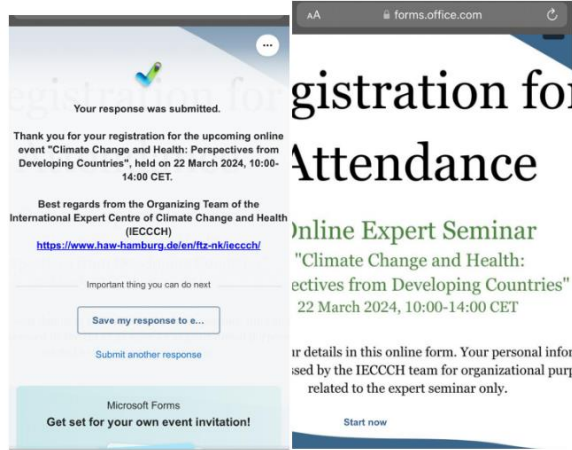
VENUE: HLADIA HALL  
KINNAIRD COLLEGE FOR WOMEN LAHORE  
DATE: 10TH SEPTEMBER 2024  
TIME: 12:00P.M





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**International Expert Centre of Climate Change and Health (IECCCH).**  
 Online expert seminar on Climate Change and Health: Perspectives from  
 enveloping Countries on 22<sup>nd</sup> March, 2024, organized by International Expert  
 Centre of Climate Change and Health (IECCCH).



## ESRI & GIS for Climate Action

Students attended online Workshop on ArcGIS for Basics on 8/7/2024  
 arranged by ESRI.



Workshop on ArcGIS for Basics      GIS for Climate Action

## Environment Protection and Climate Change

Meeting with Secretary Environment Protection and Climate Change Department  
 Lahore.



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## Environment Protection Department Punjab

M.Phil Student from FSHN, Mahrukh Imran is currently participating in a three-month project with the Environment Protection Department Punjab, aimed at environmental control, particularly in tackling the severe smog challenges facing Lahore. This program not only provides practical experience but also empowers students to earn while contributing to crucial sustainability efforts.

Program included involved

- Tree Plantation Initiatives\*:
- Complaint Filing:
- Public Awareness Campaigns: Engaging in outreach to raise public awareness about the causes and health impacts of smog through social media and community interactions.



## Synthesis of biodegradable plastic from low cost agricultural waste for potential use in packaging material.

M.Phil. thesis research being supervised by **Dr. Tanveer**

Tree Plantation Drive for a Greener Pakistan” was organized by Principal Kinnaird College for Women on Independence Day, August 14, 2024.

On her invitation, planted a tree along with a few senior faculty members (Dr. Shehnaz)





# SUSTAINABLE DEVELOPMENT GOAL 13



The 1st International Online  
Conference on Bioengineering

16-18 October 2024 | Online | iocbe2024.sciforum.net

## Certificate of Participation

This certificate is hereby presented to the attendee  
named below in recognition of their active participation.

**Tanveer Majeed**

*S. Tochev*  
Stefan Tochev  
CEO



bioengineering

### Visited to ICI, Saltmines (Khewra) 2023.

Khewra Salt Mine is situated in Pind Dadan Khan Tehsil of Jhelum District. Located about 200 km from Islamabad and Lahore, it is accessed via the M2 motorway, about 30 kilometers off the Lilla interchange while going towards Pind Dadan Khan on the Lilla road. Khewra mine is about 945 feet above sea level and about 2400 feet into the mountain from the mine entrance. The underground mine covers an area of 110 km<sup>2</sup>.





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## Weather Forecasting Department

Trip to the Weather Forecasting Department at Jail Road on 28<sup>th</sup> August 2023 for the requirement of the course Plant Pathology



## Poster competition on botanical & environmental resilience Achieving.

Komal Mubarik & Amna won 1<sup>st</sup> position in poster competition on botanical & environmental resilience achieving through SDG goals





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### Planation at Kinnaird College Parking Area, 2024

Tree Plantation drives combat many environmental issues like deforestation, erosion of soil, desertification in semi-arid areas, global warming and hence enhancing the beauty and balance of the environment. Trees absorb harmful gases and emit oxygen resulting in an increase in oxygen supply



### Tree-Ring Analysis

Attended international seminar 'Hands on training on Tree-Ring Analysis' at GCU, Lhr, 30/May/2024

The underlying patterns of wide or narrow rings record the year-to-year fluctuations in the growth of trees.



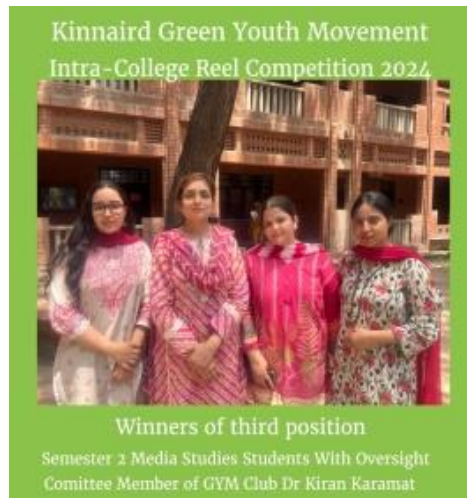
### Reel Competition on Energy Conservation

Dr. Kiran Karamat Organized Intra-College Reel Competition on Energy Conservation in 2024.



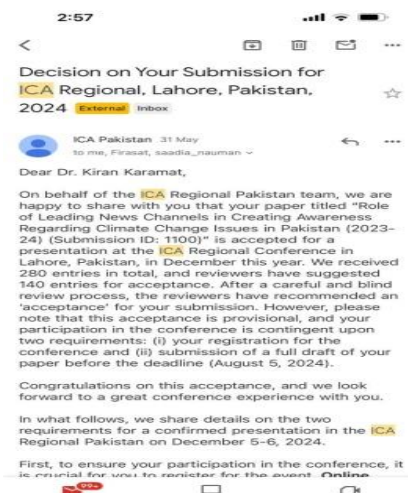
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Students of Media Studies won 1<sup>st</sup> & 3<sup>rd</sup> Positions.



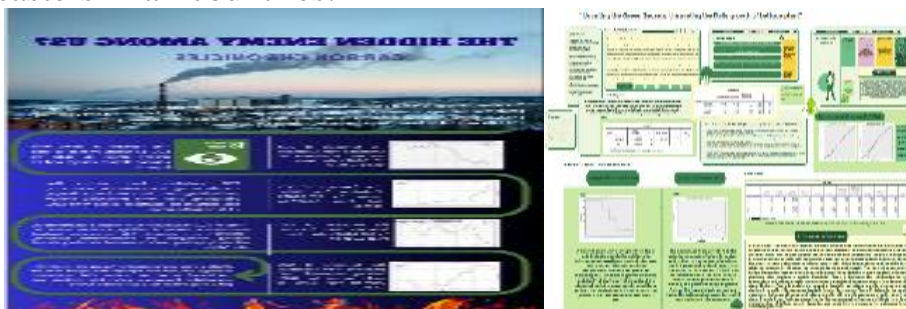
## Role of Leading News Channels in creating Awareness Regarding Climate Change Issues in Pakistan

The Research Article “Role of Leading News Channels in creating Awareness Regarding Climate Change Issues in Pakistan” Written by Dr. Kiran Karamat has been Accepted by ICA Regional Conference that is going to be held at FCCU Lahore in Dec,2024.



## Climate-Related Hazards and Natural Disasters

Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.



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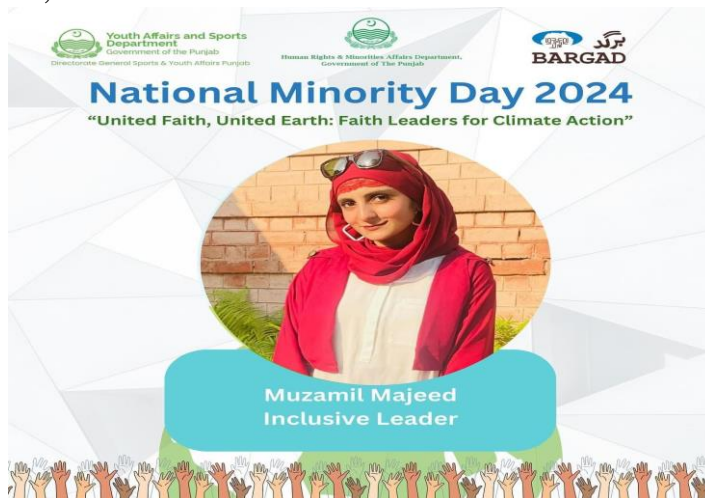
## Air Pollution

Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning



## National Minority Day (“United Faith, United Earth, Faith Leader for Climate Action”)

Student Was Invited as A Guest Speaker On National Minority Day 2024 “United Faith, United Earth, Faith Leader for Climate Action”



## Green Day Festival Celebration

Dr. Faryal Chaudhry participated in the “Green Day Festival Celebration” organized by the Green Youth Movement Club on 25<sup>th</sup> Apr, 2024 at Kinnaird College for Women, Lahore.



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## **Botanical and Environmental Resilience**

Dr. Rahila Huma, head of Chemistry department attended a panel talk on “Botanical and Environmental Resilience Through International Relations in Achieving SDG’s” was organized by Boatny department and IR department in collaboration with ORIC on 10-05-2024.

