

Conference Compendium: International Conference on Sustainable Development Goals (ICSDG-2023).

Bilal Tahir, Muhammad, Mohsin Waqas, Muhammad,
Suleman Tahir, Muhammad, Del Giorgio Solfa, Federico y et
al.

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Conference Compendium

02 Days

International Conference on Sustainable Development Goals

(ICSDG-2023)

12-13th July 2023

02 DAYS
INTERNATIONAL CONFERENCE ON

SUSTAINABLE DEVELOPMENT GOALS

 **JULY 12-13, 2023**

Khawaja Fareed University of Engineering and Information Technology
Rahim Yar Khan, Pakistan



Editors:

Dr. Muhammad Bilal Tahir

Engr. Dr. Muhammad Mohsin Waqas



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Organizing Committee ICSDG-2023

1. **Prof. Dr. Muhammad Suleman Tahir**
Vice Chancellor, Patron in Chief
2. **Dr. Muhammad Sagir**
Registrar, Patron/ Principal Organizer
3. **Prof. Dr. Shahzad Murtaza**
Pro-Vice Chancellor, Convener
4. **Dr. Muhammad Bilal Tahir**
Director Quality Enhancement Cell, Principal Organizer
5. **Dr. Umair Azhar**
Focal Person
6. **Ms. Aleena Naqvi**
Conference Secretary



Patron in Chief
Prof. Dr. M. Suleman Tahir
Vice Chancellor KFUEIT

Invitation
We Warmly
WELCOME



02 Days International Conference on
Sustainable Development Goals

 July 12-13, 2023

Organized by: Quality Enhancement Cell

Khwaja Fareed University of Engineering and Information Technology



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Preface

It is with great pleasure and enthusiasm that we present to you the compendium of the *"02 Days International Conference on Sustainable Development Goals" (ICSDBG-2023)* organized by the Directorate of Quality Enhancement Cell at Khwaja Fareed University of Engineering and Information Technology, Rahim Yar Khan. In this rapidly evolving world, the pursuit of sustainability has become more crucial than ever. As we face unprecedented global challenges, it has become evident that achieving sustainable development is not a mere aspiration but a necessity for the well-being of our planet and its inhabitants. At Khwaja Fareed University, we recognize the significance of addressing these challenges head-on and promoting sustainable practices that will positively impact present and future generations. Our conference brought together some of the brightest minds, distinguished scholars, practitioners, and researchers from across the globe to deliberate on the pressing issues related to the United Nations Sustainable Development Goals (SDGs). With a diverse range of expertise and experiences, our esteemed speakers and participants engaged in productive discussions, shared innovative ideas, and explored practical solutions to contribute to the achievement of the SDGs. The conference aimed to serve as a platform for the exchange of knowledge, experiences, and best practices related to sustainable development. It provided an opportunity to forge meaningful collaborations and partnerships among academia, industry, and various stakeholders, all working towards a common vision of a sustainable future. Throughout the event, participants explored various areas of research, such as climate action, clean energy, sustainable cities and communities, responsible consumption and production, and much more. They also delved into the interconnectedness of these goals and the importance of holistic approaches in addressing the complex challenges of sustainability. This publication encapsulates the comprehensive insights, research findings, and outcome of our collective efforts during the conference. We express our sincere gratitude to all the speakers, authors, attendees, reviewers, and volunteers who contributed to the success of this conference. Their dedication and passion for sustainable development have been truly inspiring. As we move forward, let us remain steadfast in our commitment to the Sustainable Development Goals and embrace our responsibility as global citizens to build a sustainable and equitable world for present and future generations.

Prof. Dr. Muhammad Suleman Tahir

Vice Chancellor

Khwaja Fareed University of Engineering and Information Technology

Rahim Yar Khan, Punjab, Pakistan



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Segment 1: Climate Action (SDG 13 - Climate Action)

THEME: CLIMATE CHANGE MITIGATION AND ADAPTATION

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Segment 2: Affordable and Clean Energy (SDG 7 - Affordable and Clean Energy)

THEME: SUSTAINABLE ENERGY SOLUTIONS

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Segment 3: Clean Water and Sanitation (SDG 6 - Clean Water and Sanitation)

THEME: WATER RESOURCE MANAGEMENT

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Segment 4: Industry, Innovation, and Infrastructure (SDG 9 - Industry, Innovation, and Infrastructure)

THEME: GREEN TECHNOLOGIES AND INNOVATIONS

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Segment 5: Life on Land (SDG 15 - Life on Land)

THEME: BIODIVERSITY CONSERVATION

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Segment 6: Responsible Consumption and Production (SDG 12 - Responsible Consumption and Production)

THEME: ENVIRONMENTAL POLICY AND GOVERNANCE

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Segment 7: Sustainable Cities and Communities (SDG 11 - Sustainable Cities and Communities)

THEME: SUSTAINABLE URBAN PLANNING

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Segment 8: Quality Education (SDG 4) and Partnerships for the Goals (SDG 17)

THEME: EDUCATION FOR SUSTAINABLE DEVELOPMENT

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Overview of the Principal Organizer

We are delighted to present the compendium of the *"02 Days International Conference on Sustainable Development Goals"* organized by Compendium. This premier event brought together esteemed global leaders, scholars, policymakers, practitioners, and stakeholders from diverse sectors, united in their commitment to advance the implementation of the United Nations' Sustainable Development Goals (SDGs). The conference served as an inspiring platform to foster collaboration, knowledge exchange, and transformative actions towards building a more sustainable and equitable future. Through thought-provoking discussions, real-world success stories, and innovative initiatives, participants gained invaluable insights into the crucial role of the SDGs in addressing pressing global challenges. The objectives of the ICSDG-2023 were multi-faceted, aiming to raise awareness about sustainable development, share effective approaches to achieve the SDGs, influence evidence-based policymaking, and create networking opportunities for forging partnerships. The thematic sessions, panel discussions, poster presentations, and workshops provided a comprehensive overview of the 17 SDGs, stimulating interactive and engaging conversations among attendees.

The conference was enriched by the presence of influential policymakers, decision-makers, and change-makers, who actively contributed to formulating strategies and policies to accelerate progress towards the SDGs. Additionally, the exhibition of innovative products and technologies aligned with the SDGs showcased practical solutions to global challenges. We express our heartfelt gratitude to all participants, sponsors, and contributors for making the International Conference on Sustainable Development Goals a resounding success. Together, we embark on a shared journey to create a sustainable, inclusive, and prosperous world for present and future generations. As we present this compendium, we invite you to reflect on the conference's discussions and take inspiration from the collective determination displayed during the event. Let us continue to work hand in hand, driving positive change and leaving a lasting impact on our planet and its inhabitants.

Dr. Muhammad Bilal Tahir

Principal Organizer

International Conference on Sustainable Development Goals

Director, Quality Enhancement Cell

Khwaja Fareed University of Engineering and Information Technology, Rahim Yar Khan



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Executive Summary

The "02 Dyas International Conference on Sustainable Development Goals" hosted by Khwaja Fareed University of Engineering and Information Technology, Rahim Yar Khan, proved to be a momentous event that transcended borders and brought together over 50 esteemed international speakers from diverse backgrounds. Throughout this multi-day conference, scholars, practitioners, and experts convened to delve into critical issues pertaining to sustainable development and share their global efforts, challenges, and innovative solutions in pursuit of the United Nations Sustainable Development Goals (SDGs). With representatives from various continents, the conference was a melting pot of knowledge and experiences, fostering a truly global exchange of ideas. The keynote speakers, distinguished leaders in their fields, set the stage with insightful presentations that emphasized the urgency and importance of addressing the pressing challenges posed by the SDGs. Their speeches showcased inspiring examples of successful sustainability initiatives and underscored the pivotal role of cross-border collaboration in achieving these ambitious goals.

The academic sessions and panel discussions covered a broad spectrum of topics, ranging from renewable energy and climate change mitigation to gender equality, sustainable urban development, and biodiversity conservation. Each session featured in-depth discussions and diverse perspectives, offering attendees a comprehensive understanding of the complexities and interconnectedness of sustainable development challenges on regional and global scales. Speakers highlighted the efforts and progress made in their respective regions, underscoring the significance of localized actions to achieve broader global targets. The presentations not only shed light on the progress being made but also illuminated the unique challenges faced by different regions in their pursuit of sustainable development. By sharing their experiences, speakers offered valuable insights into context-specific solutions and the importance of considering cultural, social, and economic factors in implementing sustainable practices.

Despite the remarkable progress showcased, speakers also candidly discussed the persistent challenges and roadblocks hindering the realization of the SDGs. These challenges ranged from policy and regulatory gaps to financial constraints, technological barriers, and the lack of public awareness and engagement. The discussions around these challenges emphasized the need for greater commitment from governments, private sectors, civil society, and individuals alike to overcome these hurdles collectively. Throughout the conference, an overwhelming sense of urgency to take immediate action prevailed. Speakers and participants expressed their unwavering determination to drive meaningful change and accelerate the implementation of sustainable practices. From scalable technological innovations to community-driven initiatives, the focus on actionable solutions resonated across sessions.

The conference culminated in a call for greater collaboration and solidarity among nations and stakeholders, recognizing that no single entity can achieve the SDGs alone. The power of partnerships and alliances, at regional and global levels, was emphasized as critical to create a unified and comprehensive approach towards sustainable development. Overall, the "International Conference on Sustainable Development Goals" was a resounding success, leaving an indelible



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mark on the global efforts towards achieving the SDGs. The presence and contributions of over 50 international speakers enriched the event and solidified the commitment of attendees to work collaboratively on a regional and global scale. The conference served as a potent reminder that, united by a shared vision and concerted efforts, we can make tangible progress towards building a sustainable and equitable future for all.





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Conference Schedule

02 Days
International Conference on Sustainable Development Goals
(ICSDG-2023)
12-13th July 2023

Opening Session (Civil Auditorium)-Hybrid Mode

Conference Program Day 1 [12 July 2023]

Inaugural Session	Pakistan Standard Time
Registration & Seating	9:00 to 10:00 am
Moderator: Ms. Aleena Naqvi [Tilawat and Opening]	10:00 to 10:10 am
Welcome Address by: Worthy Vice Chancellor Prof. Dr. Muhammad Suleman Tahir	10:10 to 10:20 am
Chief Guest	10:20 to 10:35 am
Keynote Speaker: Dr Renuka Thakore Founder Global Sustainable Futures Network (GSFN) Lecture, University of Central Lancashire (UCLan)	10:35 to 10:45 am
Keynote Speaker: Prof. Dr. Sofia Anwar Dean Faculty of Economics and Management Sciences GCUF	10:45 to 11:00 am
Guest of Honor	11:00 to 11:15 am
Shield Distribution	11:15 to 11:40 am
Refreshment	11:40 am to 12:30 pm



Conference Program Day 1 [12 July 2023]

Technical Session-1 Online (Civil Auditorium-Hall 01)	Pakistan Standard Time
Chair: Dr. Muhammad Bilal Tahir Co-Chair: Folorunsho Dayo Oluwafemi Moderator: Engr. Dr. Muhammad Mohsin Waqas, Ms. Aleena Naqvi	11:45 to 02:30 pm
Speaker 1: Dr. Bahrullah Safi Title: Quality of Education	11:45 am to 12:00 pm
Speaker 2: Prof. Dr. Queen Elizabeth Lucas Title: Mindset for achieving SDGs	12:00 to 12:15 pm
Speaker 3: Ahmed J. Obaid Title: Big Data Analysis Towards Know Business Deep Fake Reviews	12:15 to 12:30 pm
Speaker 4: Asif Zamir Title: Modified teaching pedagogy to improve students's self-learning	12:30 to 12:45 pm
Speaker 5: Dr. Federico Del Giorgio Solfa Title: Design and sustainable development in Environmental Science and Technology Parks	12:45 to 01:00 pm
Speaker 6: Brian H Rutledge Title: Sustainability Engineering	01:00 to 01:15 pm
Speaker 7: Sher Shah Khan Title: how to achieve global sustainability, including political, economic, social, and environmental sustainability	01:15 to 01:30 pm
Speaker 8: Bisma Ghorab Title: Renaturing and Enhancing Natural Urban Heritage, 'NBS A Sustainable Approach': Case of Bousselam Valley-Setif.	01:30 to 01:45 pm
Lunch and Prayer Break	01:45 to 2:30 pm



Conference Program Day 1 [12 July 2023]

Parallel Technical Session 1 (CIEN 2.03R-Hall 02)	Pakistan Standard Time
Chair: Prof Dr. José L Esteves Co-Chair: Engr. Dr. Umair Azhar Moderator: Engr. Dr. Umer Farooq, Mr. Muhammad Bilal Wali	11:45 to 02:30 pm
Speaker 1: Noman Amjad Lutfi Title: Role of industries in achieving sustainable development goals	11:45 am to 12:00 pm
Speaker 2: Esther Katiba Title: Promoting Entrepreneurship and Innovation for Job Creation	12:00 to 12:15 pm
Speaker 3: Hafiz Jawad Sohail Title: Climate Change and the role of young people	12:15 to 12:30 pm
Speaker 4: Aon Muhammad Sahi Title: Mindset shift needed to achieve sustainability	12:30 to 12:45 pm
Speaker 5: Umar Saeed Qadri Title: CFO as Impetus of Sustainability	12:45 to 01:00 pm
Speaker 6: Dr. Aftab Ara Title: The pivotal role of education in tackling sustainability challenges	01:00 to 01:15 pm
Speaker 7: Dr. Filza Sikandar Title: Nutrition through SDGs	01:15 to 01:30 pm
Speaker 8: Pranjal Kumar Phukan Title: Renewal Energy and Infrastructure for Sustainable Development	01:30 to 01:45 pm
Lunch and Prayer Break	01:45 to 2:30 pm



Conference Program Day 1 [12 July 2023]

Technical Session 2 (Civil Auditorium-Hall 01)	Pakistan Standard Time
Chair: Prof. Dr. Sofia Anwar Co-Chair: Prof. Dr. Hammad Nadeem Tahir Moderator: Engr. Dr. Muhammad Mohsin Waqas, Ms. Aleena Naqvi	02:30 to 04:30 pm
Speaker 1: Alex Albelda Title: Challenges and opportunities of the municipalities achieving the SDGs	2:30 to 2:45 pm
Speaker 2: Abdulhadi Achakzai Title: Impacts of Climate Change in Afghanistan	2:45 to 3:00 pm
Speaker 3: Samuel Lekato Title: climate change, mitigation, and adaptation	3:00 to 3:15 pm
Speaker 4: Umar Ali Mustapha Title: Synergizing biogas technology and circular economy for sustainable energy solutions: a pathway to climate change mitigation and adaptation	3:15 to 3:30 pm
Speaker 5: Baraka Juma Title: Climate Finance	3:30 to 3:45 pm
Speaker 6: Oluwadunsin Bolaji Title: Education for sustainable development: empowering minds, shaping the future	3:45 to 4:00 pm
Speaker 7: Celine Kiden Title: How to adapt to the current climate change challenges in South Sudan	4:00 to 4:15 pm
Speaker 8: Adetunji oluwaniifemi Kingisreal Title: SDGS Importance	4:15 to 4:30 pm



Conference Program Day 1 [12 July 2023]

Technical Session 2 (CIEN 2.03R-Hall 02)	Pakistan Standard Time
Chair: Dr. Chandra Mohan Co-Chair: Dr. Muhammad Bilal Tahir Moderator: Engr. Dr. Umer Farooq, Mr. Muhammad Bilal Wali	02:30 to 04:30 pm
Speaker 1: Simon Nyarko Title: From farm to fork: green technologies and innovations for sustainable food systems, environment, and health	2:30 to 2:45 pm
Speaker 2: Rabiul Halilu Rabiul Title: Understanding the human dimensions of a sustainable energy transition	2:45 to 3:00 pm
Speaker 3: Phuong Skovgaard Title: SDG-1	3:00 to 3:15 pm
Speaker 4: Emmanuel Monyei Title: Climate Change and the right to transgenerational equity	3:15 to 3:30 pm
Speaker 5: Joseph Okech Title: Climate change	3:30 to 3:45 pm
Speaker 6: Benjamin Eilen Title: Education for climate change: Empowering students to become climate change advocates	3:45 to 4:00 pm
Speaker 7: Sani Said Muhammad Title: Forging a Sustainable Alliance: Unleashing the Power of Transboundary Environmental Governance for a Connected World	4:00 to 4:15 pm
Speaker 8: Engelbert Modo Title: BECOME A CHANGEMAKER: the transformative power of sustainable education	4:15 to 4:30 pm



Conference Program Day 2 [13 July 2023]

Technical Session 1 (Civil Auditorium-Hall 01)	Pakistan Standard Time
Chair: Prof. Dr. Queen Elizabeth Lucas Co-Chair: Dr. Muhammad Sagir Moderator: Engr. Dr. Muhammad Mohsin Waqas, Engr. Aleena Naqvi	10:00 to 02:30 pm
Speaker 1: Tersur Ateyo Title: Education for sustainable development	10:00 to 10:15 am
Speaker 2: Bhaskaran S Title: Kickstart sustainable habits with the PlanetSustain app by tracking your carbon footprint	10:15 to 10:30 am
Speaker 3: Ogundare Taye Tobi Title: Harmonizing with Nature: Enchanting Pathways to a Climate-Resilient Future	10:30 to 10:45 am
Speaker 4: PATRICK AHEBWA Title: Importance of SDGs	10:45 to 11:00 am
Speaker 5: Dr. Mutmainnah Mutmainnah Title: Unleashing IT innovation through meta learning environment to support quality of education	11:00 to 11:15 am
Speaker 6: Hussain hamzah Title: Enlightening students about the Importance of Education Sustainable Development	11:15 to 11:30 am
Speaker 7: Jessica Omuna Anabor Title: Bridging social capital for the enhancement of sustainable transformative Pathways	11:30 to 11:45 am
Speaker 8: Mustapha Adamu Medugu Title: Sustainable Development Goals (SDGs): Education in Perspective in Developing Countries of Nigeria and Pakistan.	11:45 to 12:00 pm
Speaker 9: Mokutmfon Ubon James Title: Sustainable Development in Line with Climate Change mitigation and Urban Planning	12:00 to 12:15 pm



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Speaker 10: Wekesa Brian Mwangala Title: Climate change mitigation and adaptation	12:15 to 12:30 pm
Speaker 11: Deborah Odeniyi Title: climate change adaptation and mitigation projects implemented across diverse countries	12:30 to 12:45 pm
Speaker 12: Zahrau salisu kabo Title: Water resources management	12:45 to 1:00 pm
Speaker 13: Prince Kevin Ogoo Title: The impact of agriculture on our economy	1:00 to 1:15 pm
Speaker 14: Dr. Chandra Mohan	1:15 to 1:30 pm
Speaker 15: Paulina Chotrova	1:30 to 1:40 pm
Speaker 16: Dr. Farhana Khokar Title: Contributions of Education for Sustainable Development (ESD) to Quality Education	1:40 to 1:50 pm
Lunch and Prayer Break	01:45 to 2:30 pm



Conference Program Day 2 [13 July 2023]

Technical Session 1 (CIEN-2.03R-Hall 02)	Pakistan Standard Time
Chair: Folorunsho Dayo Oluwafemi Co-Chair: Dr. Muhammad Bilal Tahir Moderator: Engr. Dr. Umer Farooq, Mr. Muhammad Bilal Wali	10:00 to 02:30 pm
Speaker 1: Elshalom Chioma Omokpariola Title: Geothermal Energy: Africa's Sustainable Energy Development Trend and the Geophysical Impacts	10:00 to 10:15 am
Speaker 2: Dr. K Sivagami Title: Opportunities and Challenges in Converting Single Use Plastic to Value Added Products Using Pyrolysis Process	10:15 to 10:30 am
Speaker 3: Timothy Damilare Adekonojo Title: Water Resources Management in Retrospect: Sustainable Solution for All	10:30 to 10:45 am
Speaker 4: Fizza Maryam Title: Climate change mitigation and adaptation strategies	10:45 to 11:00 am
Speaker 5: Aiman Title: Climate Change and Health of Vulnerable Communities in Pakistan	11:00 to 11:15 am
Speaker 6: Tamba Samuel Fanday Title: Cooperate Social Responsibilities to our environment.	11:15 to 11:30 am
Speaker 7: Muhammad Mudassar Title: Lignin-Derived Materials for Sustainable Ionic Thermoelectric Supercapacitors	11:30 to 11:45 am
Speaker 8: Nonzwakazi Mononi Title: SDGs Impacts	11:45 to 12:00 pm
Speaker 9: Dr. Safdar Husain Tahir Title: Quality of Education	12:00 to 12:15 pm
Speaker 10: Dr. Kamran Amin Title: Towards a Sustainable Energy Future in Pakistan: Strategies and Actions	12:15 to 12:30 pm
Speaker 11: Syed Imran Ali Shah Title: Youth as agent of change and development	12:30 to 12:45 pm



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Speaker 12: Turab Randhawa Title: Pakistan Abhi - Unwaste Pakistan for a Future Ready Pakistan	12:45 to 1:00 pm
Speaker 13: Nnene Bassey Title: Impact of climate change and gas flaring on persons with Albinism	1:00 to 1:15 pm
Speaker 14: Kula, Godwin Aondohemba Title: Climate Change Mitigation and Adaptation	1:15 to 1:30 pm
Speaker 15: Shiv Challa Title: E-Waste Situation in the World & Why it's Important to manage effectively?	1:30 to 1:45 pm
Lunch and Prayer Break	01:45 to 2:30 pm



Conference Program Day 2 [13 July 2023]

Technical Session 2 (Civil Auditorium-Hall 01)	Pakistan Standard Time
Chair: Dr. Muhammad Sagir Co-Chair: Dr. Turab Randhawa Moderator: Engr. Dr. Muhammad Mohsin Waqas, Engr. Aleena Naqvi	02:30 to 04:30 pm
Speaker 1: Amb Dr (hc) CPA Shainul Bhanji Title: Green Industrial Policy	2:30 to 2:45 pm
Speaker 2: Abdulrazak Abubakar Title: Education for Sustainable Development	2:45 to 3:00 pm
Speaker 3: Sakhawat Ali Title: SDGs Effective Role	3:00 to 3:15 pm
Speaker 4: Dr. Ghazala Khan Title: Social Impact of SDGs	3:15 to 3:30 pm
Speaker 5: Jordan Panayotov Title: Achieving SDGs: Good Intentions Are Not Enough for Success	3:30 to 3:45 pm
Speaker 6: Engr. Dr. Sadiq Hussain Title: Clean Water Access	3:45 to 4:00 pm
Speaker 7: Coach Dr Herbert Mtowo Title: Sustainability	4:00 to 4:15 pm
Speaker 8: Dr. Saheed Opeyemi Adebisi Title: Climate Change and Biodiversity: Understanding the Green System for Environmental Sustainability	4:15 to 4:30 pm



Conference Program Day 2 [13 July 2023]

Parallel Technical Session 2 (CIEN-2.03R-Hall 02)	Pakistan Standard Time
Chair: Prof. Dr. Hammad Nadeem Tahir Co-Chair: Dr. Chandra Mohan Moderator: Engr. Dr. Umer Farooq, Mr. Muhammad Bilal Wali	02:30 to 04:30 pm
Speaker 1: Dr. Rukhsana Bibi Title: SDG-2	2:30 to 2:40 pm
Speaker 2: Dr. Nazia Parveen Title: Partnership for the goals	2:40 to 2:50 pm
Speaker 3: Dr. Shahid Hussain Title: How Sugar Industry in Pakistan Can Address Sustainability	2:50 to 3:00 pm
Speaker 4: Dr. Sunera Imtiaz Title: Sustainable development through building conservation; a case study of shrine of Hazrat Shah Hussian Sadozai, Multan.	3:00 to 3:10 pm
Speaker 5: Engr. Hafiz Saeed Ur Rehman Title: Parametric analysis using BIM to improve the energy performance of building	3:10 to 3:20 pm
Speaker 6: Dr. Aasha Sharma Title: Choice architecture nudges for responsible/ mindful consumption	3:20 to 3:30 pm
Speaker 7: Engr. Dr. Muhammad Mohsin Waqas Title: Harvesting Sustainability: Nurturing Food Security in a Changing Climate	3:30 to 3:45 pm
Speaker 8: Mr. Iwara George Title: Climate change mitigation and adaptation	3:45 to 3:55 pm
Speaker 9: Dr. Mazhar Hussain Bhadroo Title: Social Development and Plantation: Environmental Challenges, Demands and Impacts In light of Seerah of Holy Prophet (ﷺ)	3:55 to 4:05 pm
Speaker 10: Abida Qadeer Title: The impact of institutional environment on character building of students at secondary level	4:05 to 4:15 pm
Speaker 11: Vincent Nduka Ojeh Title: Climate Variability and Human Health Correlate in Jalingo Taraba State	4:15 to 4:30 pm



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Conference Program Day 2 [13 July 2023]

Technical Session (Physical session CIEN-2.03L)	Pakistan Standard Time
Chair: Engr. Dr. Umair Azhar Co-Chair: Engr. Dr. Umer Farooq Moderator: Dr. Rifat Javeria, Dr. Shazia Andleeb	10:00 to 04:30 pm
Speaker 1: Neha Mushtaq Title: Empowering Youth for SDGs: Agents of Change for a Better Tomorrow	10:00 to 10:15 am
Speaker 2: Alishba Zahid and Dua Naseer Title: Ensuring Health and Well-being: Advancing SDG 3	10:15 to 10:30 am
Speaker 3: Muhammad Nadeem Shaheen Title: Progress and Challenges faced regarding climate action in Pakistan	10:30 to 10:45 am
Speaker 4: Mahnoor Akram Title: Progress of SDG-3 Good Health and Well Being in Pakistan	10:45 to 11:00 am
Speaker 5: Muhammad Farhan Title: Importance and Challenges of Affordable and Clean Energy in Pakistan	11:00 to 11:15 am
Speaker 6: Tayyba Shafiq Title: Life Below Water and Life on Land: Conservation and Biodiversity Preservation	11:15 to 11:30 am



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ISDG-2023 Resource Persons

Prof. Dr. M. Suleman Tahir
Vice Chancellor
Khwaja Fareed University of Engineering and
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INTERNATIONAL CONFERENCE ON
**SUSTAINABLE
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July 12-13, 2023

Khwaja Fareed University of Engineering and
Information Technology, Rahim Yar Khan

Prof. Dr. Shahzad Murtaza
Pro Vice Chancellor
Khwaja Fareed University of Engineering and
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02 DAYS
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Dr. Muhammad Sagir
Registrar
Khwaja Fareed University of Engineering and
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Pakistan

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Dr. M. Bilal Tahir
Director Quality Enhancement Cell
Khwaja Fareed University of Engineering and
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Pakistan

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Engr. Dr. M. Mohsin Waqas
Additional Director
Quality Enhancement Cell,
Khwaja Fareed UEIT

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Dr. M. Umer Farooq
Additional Director QEC
Khwaja Fareed University of Engineering and
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Engr. Dr. Umair Azhar
Additional Director QEC
Khwaja Fareed University of Engineering and
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Dr. Rifat Jaweria
Additional Director QEC
Khwaja Fareed University of Engineering and
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Pakistan

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Dr. Shazia Andleeb
Deputy Director QEC
Khwaja Fareed University of Engineering and
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Muhammad Afzal
Deputy Director QEC
Khwaja Fareed University of Engineering and
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Pakistan

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Engr. Aleena Naqvi
Assistant Director QEC
Khwaja Fareed University of Engineering and
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Muhammad Bilal Wali
Teaching Assistant
Quality Enhancement Cell,
Khwaja Fareed UEIT

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Dilshad Ahmed Shad
Office Assistant QEC
Khwaja Fareed University of Engineering and
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Pakistan

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Aslam Sabir
Junior Clerk QEC
Khwaja Fareed University of Engineering and
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Conference Speakers







Prof. Dr. Queen Elizabeth
Director/CEO
Yes You Can International,
Global African Queen of
Inspiration, Award Winning
Author

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Dr. Mutmainnah
Assistant Professor
Al Asyariah Mandar in West
Sulawesi, Indonesia

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Prof. Dr. José Luiz ESTEVES
Sustainability Expert
Brazil

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**Prof. Dr. Hammad
Nadeem Tahir**
Director
Quality Enhancement Cell,
MNS University of Agriculture,
Multan

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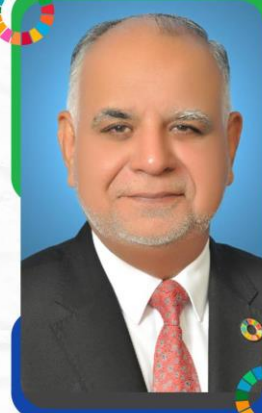


Prof. Dr. Sofia Anwar
Dean
Faculty of Economics and
Management Sciences, GCUF

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Umar Saeed Qadri
CFO/SDG Specialist
University of Agriculture
Faisalabad

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Dr (hc) CPA Ms. Shainul Akber Bhanji
Certified Sustainability Officer

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Dr. K. Sivagami
Associate Professor
Vellore Institute of technology
university, Vellore India

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Dr. Federico Del Giorgio Solfa
Scientific Research
Commission of the Province of
Buenos Aires
(CIC-PBA)

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Dr. Kamran Ameen
Chinese Academy of Science

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Dr. Nazia Parveen
Assistant Professor/Chairperson
Department of Urdu, University
of Education Lahore,
Faisalabad Campus

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Dr. Renuka Thakore
Founder
Global Sustainable Futures
Network (GFSN)

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Dr. Rukhsana Bibi
Coordinator/Dean
Humanities and Language,
Government College Women
University Faisalabad

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Dr. Safdar Husain Tahir
Associate Professor
Ex Director Lyallpur Business
School, Government College
University Faisalabad

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Dr. Bahrullah Safi
Vice President
International, Research and
Enterprise at Acala University,
Arizona, USA

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Asif Zamir
Lecturer
International College of
Engineering and Management
(ICEM) Muscat, Oman

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Noman Amjad Lutfi
Chief Supply Chain Officer
Ismail Industries

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Engr. Hafiz Saeed Ur Rehman
Assistant Professor
The University of Lahore

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Ahmed J. Obaid
Assistant Professor
Department of Computer
Science, University of Kufa

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Besma GHORAB
PhD Scholar
Architectural Urban and
Landscape Heritage

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Brian H Rutledge
Director
KECBO Environmental

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Bhaskaran S
IT and Business Consultant
Singapore

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Baraka Juma
County Government of Mombasa,
Kenya

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Benjamin Eilen
Manager
Comprehensive Eye Clinic,
Nigeria

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Folorunsho Dayo Oluwafemi
Founder
Climate Change And Renewable Energy Advocacy is an NGO located in Taraba, Nigeria

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Celine Kiden
**South Sudanese WASH /
Health Expert**

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Wekesa Brian Mwangala
Environmentalist

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Oluwadunsin Bolaji
Sustainability Expert

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Aown Muhammad Sahi
Sustainability Expert /
Mindset Coach/
Linkedin Coach and Consultant

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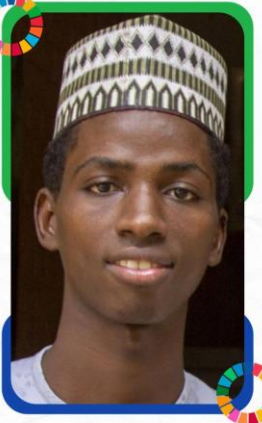


Ateyo Tersur Elkanah
Elate Child Initiative

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Abdulrazak Abubakar
Climate Change Activist
Nigeria

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Aiman
Climate Change Activist
Mekran Medical College Turbat
Baluchistan

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Deborah Odeniyi
Sustainable Development
Expert

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Dr. Filza Sikandar
Clinical Research Coordinator

Zeenat Qureshi Stroke
Institute, St. Cloud, Minnesota
United States of America

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Elshalom Chioma Omokpariola
Geoscientist
Nigeria

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Hafiz Jawad Sohail
Project Officer
WWF, Pakistan

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Engr. Syeda Sunera Imtiaz
Lecturer
Department of Building and Architectural Engineering,
Bahauddin Zakariya University,
Multan

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Hussain Hamzah
Mission Ambassador
Mission Ambassador to Nigeria
at Federation of International
Gender and Human Rights

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Farhana Asghar Khokar
Lecturer
Khwaja Fareed University of
Engineering and Information
Technology Rahim Yar Khan

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Fizza Maryam
National University of Medical
Sciences, Rawalpindi

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Jessica Omuna Anabor
Architect

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Prince Kevin Ogoo
Founder

Kev World International, Sierra Leone

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Kula, Godwin Aondoheмба
Account Officer/ Environmental enthusiast
Nigeria

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Emmanuel Monyei
Lawyer

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Mustapha Adamu Medugu
Nigeria

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Nnene Bassey
Activist
Nigeria

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Rabiu Halilu Rabiu
Bayero University Kano

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Samuel Lakato
Enduata Emaa community
based organisation

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Sher Shah Khan
Founder/ CEO
The Sustainability Front

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Shiv Challa
Founder/ CEO
3R ZeroWaste Pvt Limited

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Simon Nyarko
Kwame Nkrumah University of
Science and Technology,
Kumasi, Ghana

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Sani Saidu Muhammad
Empowering People Initiatives

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Syed Imran Ali Shah
President
AAS Welfare Society Layyah

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Turab Randhawa
Global Design Thinker
Singapore

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Umar Ali Mustapha
School of Environmental
Studies, Kano State

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Mokutmfon Ubon James
Architect

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Dr Herbert Mandla Mtowo
Director General -African
Continent Sustainable and
Media Publishing

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Esther W. Katiba
Certified HR Practitioner,
IHRM Member, LLB Professional
& Author

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Zahra Salisu Kabo
Nigeria

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Jordan Panayotov
Founder

The Independent Centre for
Analysis & Research of
Economies, Melbourne,
Australia

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Dr. Pranjal Kumar Phukan
Professor of Practice
Woxsen University, Hyderabad,
India

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MODO LEVO Engelbert Steve
Cameroon

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Dr. Saheed Opeyemi ADEBISI
Department of Plant Biology,
Osun State University,
Osogbo, Nigeria

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Dr. Vincent Nduka Ojeh
Senior Lecturer, Taraba
State University, Nigeria

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Alishba Zahid
SDG Ambassador
Khwaja Fareed University of Engineering and
Information Technology Rahim Yar Khan
Pakistan

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Dua Naseer
SDG Ambassador
Khwaja Fareed University of Engineering and
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Pakistan

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Muhammad Huzaifa
SDG Ambassador
Khwaja Fareed University of Engineering and
Information Technology Rahim Yar Khan
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July 12-13, 2023

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Information Technology, Rahim Yar Khan



Muhammad Nadeem Shaheen
SDG Ambassador
Khwaja Fareed University of Engineering and
Information Technology Rahim Yar Khan
Pakistan

02 DAYS
INTERNATIONAL CONFERENCE ON
**SUSTAINABLE
DEVELOPMENT
GOALS**

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Mahnoor Akram
SDG Ambassador
Khwaja Fareed University of Engineering and
Information Technology Rahim Yar Khan
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Neha Mushtaq
SDG Ambassador
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Inaugural Session

Welcome Address by Worthy Vice Chancellor

Ladies and gentlemen, distinguished guests, and esteemed participants,

I stand before you today as the Vice Chancellor of Khwaja Fareed University of Engineering and Information Technology (KFUEIT) to address the momentous occasion of the 2nd International Conference on Sustainable Development Goals.

This conference marks a significant milestone in our collective journey towards a sustainable future. With eight essential segments encompassing Climate Action, Affordable and Clean Energy, Clean Water and Sanitation, Green Technologies and Innovation, Biodiversity Conservation, Environmental Policy and Governance, Sustainable Urban Planning, and Education for Sustainable Development, we are poised to tackle the most pressing challenges of our time. The urgency to address these goals has never been greater. Climate change, depletion of resources, and environmental degradation are global concerns that require immediate attention. As a responsible institution, KFUEIT takes pride in organizing this conference to bring together experts, researchers, and practitioners from around the world who are dedicated to finding innovative solutions.

In the segment of Climate Action, we aim to explore strategies to mitigate the impacts of climate change and transition to a low-carbon future. Affordable and Clean Energy is crucial for sustainable development, and we will delve into ways to harness renewable energy sources while ensuring accessibility for all.

Clean Water and Sanitation are fundamental human rights, and we will examine how to address the challenges of water scarcity and sanitation issues. Green Technologies and Innovation will be at the forefront as we explore cutting-edge advancements that can drive sustainable growth and environmental stewardship.

Biodiversity Conservation is vital to preserve our natural heritage, and we will discuss strategies to protect and restore ecosystems. Environmental Policy and Governance are critical in implementing sustainable practices at local, national, and international levels, and we will emphasize the importance of effective policies and collaborations.

Sustainable Urban Planning plays a pivotal role in creating livable cities, and we will delve into urban design, transportation, and resource management. Lastly, Education for Sustainable Development is crucial for fostering awareness, knowledge, and skills among individuals to become agents of change.

I extend my heartfelt gratitude to all the keynote speakers, participants, and our distinguished guests of honor who have graciously accepted our invitation to share their expertise and insights during this conference. Together, we can foster meaningful collaborations, exchange ideas, and drive action towards achieving the Sustainable Development Goals. Let us use this platform to ignite conversations, inspire one another, and commit ourselves to creating a sustainable and equitable world for present and future generations.

Thank you, and let us embark on this transformative journey together!



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Welcome Address by Pro-Vice Chancellor

Esteemed guests, distinguished participants, and fellow advocates of sustainable development,

As the Pro-Vice Chancellor of Khwaja Fareed University of Engineering and Information Technology (KFUEIT), it is my privilege to address you at the *2 days International Conference on Sustainable Development Goals*.

This conference marks a pivotal moment in our collective pursuit of a sustainable future. With a diverse array of segments encompassing critical areas such as Climate Action, Clean Energy, Water Resources, Green Technologies, Biodiversity, Environmental Policy, Sustainable Urban Planning, and Education, we are poised to address the most pressing challenges of our time. I extend my heartfelt gratitude to the esteemed keynote speakers, participants, and guests for sharing their valuable insights and expertise. Together, we can foster meaningful dialogues and actionable solutions towards achieving the Sustainable Development Goals.

Let us seize this opportunity to collaborate, inspire, and pave the way for a sustainable and equitable world.

Thank you, and let the journey towards a brighter future begin.



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Technical Session-1 (Day 1)

(Civil Auditorium-Hall 01)

The technical session-1 of the International Conference on Sustainable Development Goals, hosted by KFUEIT, commenced with an invigorating opening remark from the conference chair, Dr. Muhammad Bilal Tahir. In his address, Dr. Tahir emphasized the significance of SDGs as a blueprint for transforming our world, urging participants to harness their collective efforts towards achieving these global goals. He lauded the efforts of KFUEIT, the host university, for spearheading initiatives that align with the SDGs and setting an example for other institutions to follow.

The conference co-chair, added to the opening remarks, underscoring the importance of multi-stakeholder partnerships in driving sustainable development. He highlighted the need for collaboration between academia, government, industry, and civil society to address the complex challenges ahead.

Throughout the technical sessions, the moderators, Engr. Dr. Muhammad Mohsin Waqas and Ms. Aleena Naqvi, played a pivotal role in ensuring engaging and insightful discussions. Their adept facilitation allowed participants to delve deeper into the presentation topics and exchange ideas freely.

Dr. Bahrullah Safi's presentation on "Quality of Education" shed light on the critical role of education as a catalyst for sustainable development. He highlighted the need to enhance the quality and accessibility of education at all levels to empower individuals and promote inclusive growth. Dr. Safi's insights underscored the fundamental role of education in driving progress across all SDGs.

Ahmed J. Obaid's presentation delved into the realm of "Big Data Analysis Towards Know Business Deep Fake Reviews." He shed light on the potential of data analysis in combatting fraudulent practices and ensuring ethical business conduct. Mr. Obaid's insights emphasized the importance of leveraging technology for sustainable business practices and ethical decision-making.

Asif Zamir from Oman addressed the topic of "Modified teaching pedagogy to improve students' self-learning." He showcased innovative teaching methods designed to empower students to take ownership of their learning journey. Mr. Zamir's presentation highlighted the pivotal role of educators in fostering self-driven and engaged learners who can actively contribute to sustainable development.

Dr. Federico Del Giorgio Solfa's presentation on "Design and sustainable development in Environmental Science and Technology Parks" explored how sustainable design principles can be integrated into environmental science and technology initiatives. His insights demonstrated how eco-friendly practices can positively impact environmental conservation and sustainable development.

Brian H Rutledge's presentation on "Sustainability Engineering" delved into the intersection of engineering and sustainability. He underscored the importance of incorporating eco-friendly practices and innovative solutions into engineering projects to achieve long-term sustainability.

Sher Shah Khan's presentation comprehensively covered "How to achieve global sustainability," including its various dimensions: political, economic, social, and environmental sustainability. His holistic approach emphasized the interconnectedness of these aspects and the collective effort required to attain global sustainability.



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Besma Ghorab's presentation on "Renaturing and Enhancing Natural Urban Heritage" showcased the sustainable approach of "Nature-Based Solutions" (NBS) in preserving and enhancing urban heritage, using the case of Bousselam Valley-Setif as an illustrative example. Her insights highlighted the importance of sustainable urban planning and heritage conservation.

The concluding remarks by the technical chair: As the Technical Session Chair for the invigorating Technical Session-1 of the International Conference on Sustainable Development Goals, I am elated to witness the culmination of a session marked by profound insights, thought-provoking discussions, and visionary presentations. I extend my heartfelt appreciation to our esteemed speakers for their exceptional contributions to this session. Each presentation shed light on critical aspects of sustainable development, from the role of education, mindset shift, and renewable energy to the significance of data analysis and nature-based solutions. The diversity of topics showcased the multifaceted approach required to address the global challenges outlined by the SDGs.

Furthermore, I am grateful to our co-chair for setting the stage with their insightful opening remarks. Their emphasis on the significance of SDGs and the need for collaborative efforts has been an inspiring call to action for all participants. I commend our moderators, Engr. Dr. Muhammad Mohsin Waqas and Ms. Aleena Naqvi, for skillfully guiding the discussions and encouraging participants to delve deeper into the presentation topics. Their adept facilitation contributed to the dynamic and engaging nature of this session.

Throughout these discussions, we have witnessed the convergence of diverse perspectives and the shared commitment of all participants to sustainable development. The valuable insights exchanged and the collective dedication demonstrated during this session have served as a testament to the power of collective action. As we conclude this session, I urge all participants to carry the lessons learned and the solutions explored into their respective fields of expertise and influence. Let us be the catalysts of positive change, actively championing sustainable practices within our communities, organizations, and beyond. The significance of our efforts in pursuing the SDGs cannot be overstated. It is through collaboration, innovation, and relentless determination that we can collectively shape a better and more sustainable world for current and future generations. I extend my deepest appreciation to all the contributors, participants, and organizers who have made this session a remarkable success. Your unwavering commitment to sustainability has made this session a platform for meaningful progress. Let us carry the spirit of this conference beyond its conclusion and continue to contribute our part in building a more equitable, prosperous, and sustainable world. Together, we can create a legacy of positive change that resonates far into the future.



Parallel Technical Session-1 (Day 1)

(CIEN 2.03R-Hall 02)

The Parallel Technical Session-1 of the International Conference on Sustainable Development Goals was marked by insightful presentations and engaging discussions, guided by the expertise of the Chair and the Co-Chair. Engr. Dr. Umer Farooq and Mr. Muhammad Bilal Wali skillfully moderated the session, fostering a conducive environment for the exchange of ideas among the esteemed speakers and participants.

Noman Amjad Lutfi's presentation explored the "Role of industries in achieving sustainable development goals." He underscored the significance of responsible industry practices in contributing to sustainable development and highlighted the pivotal role of businesses in driving positive social and environmental impact.

Esther Katiba's presentation emphasized the importance of "Promoting Entrepreneurship and Innovation" to spur job creation and economic growth. Her insights shed light on how entrepreneurial endeavors and innovative solutions can align with the SDGs and contribute to building inclusive societies.

Hafiz Jawad Sohail presented on "Climate Change and the role of young people," highlighting the critical role of youth in tackling climate challenges. His discussion underscored the need for empowering young individuals with knowledge and resources to become effective agents of change in climate action.

Aon Muhammad Sahi's presentation delved into the need for a "Mindset shift" to foster sustainable behaviors and practices. His insights encouraged participants to rethink their perspectives and embrace a sustainable mindset in personal and professional spheres.

Umar Saeed Qadri's presentation emphasized the crucial role of Chief Financial Officers (CFOs) as catalysts for sustainability within organizations. His discussion highlighted how financial decision-making aligned with sustainable principles can drive positive social and environmental outcomes.

Dr. Aftab Ara's presentation underscored the pivotal role of education in addressing sustainability challenges. Her discussion explored how education can empower individuals and communities with the knowledge and skills necessary to drive sustainable development.

Dr. Filza Sikandar's presentation focused on "Nutrition through SDGs," exploring the crucial intersection between nutrition and sustainable development. Her insights highlighted how achieving nutritional goals can positively impact broader development outcomes.

Pranjal Kumar Phukan's presentation delved into "Renewable Energy and Infrastructure" as key enablers of sustainable development. His discussion underscored the importance of transitioning towards renewable energy sources and sustainable infrastructure for a greener future.

Concluding remarks of the technical session chair: As the Technical Session Chair for this enlightening session, I am honored to witness the culmination of profound discussions and remarkable presentations that have taken place during this International Conference on Sustainable Development Goals. Our esteemed speakers have offered invaluable insights into various facets of sustainable development, ranging from the pivotal role of industries and education to the significance of renewable energy and climate action. I extend my heartfelt gratitude to each speaker for sharing their expertise and inspiring us with their knowledge. I would also like to express my appreciation to our moderators, Engr. Dr. Umer Farooq and Mr. Muhammad



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Bilal Wali, for skillfully guiding the discussions and fostering an interactive environment that encouraged the exchange of ideas.

Through this technical session, we have witnessed the power of collective effort in addressing global challenges. The themes explored today reaffirm our collective commitment to achieving the SDGs and making a positive impact on our planet and society. As we conclude this session, I encourage each participant to reflect on the insights gained and to carry them forward in your respective fields of work and study. Let us seize the opportunities presented to us and drive meaningful change within our spheres of influence. Remember that our actions, no matter how small, contribute to a larger movement towards a sustainable and equitable future. Let us remain steadfast in our pursuit of the SDGs, leveraging innovation, collaboration, and determination to overcome obstacles and build a brighter world for generations to come. Once again, my deepest appreciation to all the contributors, participants, and organizers who have made this session a success. I look forward to witnessing the positive impact of our collective efforts in the pursuit of sustainable development.



Technical Session-2 (Day-1)

(Civil Auditorium-Hall 01)

Opening Remarks by the session Chair: Ladies and gentlemen, esteemed participants, and fellow advocates of sustainable development, it is my honor to welcome you all to Technical Session 2 of the International Conference on Sustainable Development Goals. As the Technical Session Chair, I stand before you with a profound sense of gratitude and excitement for the collective knowledge and insights that we are about to witness. The Sustainable Development Goals (SDGs) represent a transformative vision to address global challenges, leaving no one behind on our journey towards a more equitable and sustainable future. Today, we have the privilege of delving into key topics related to sustainable development and climate change, as presented by distinguished speakers who bring their expertise and perspectives to this platform. I extend my heartfelt appreciation to KFUEIT, our host university, for spearheading initiatives that align with the SDGs, setting a remarkable example for others to follow. Let us take this opportunity to recognize and appreciate the dedication of our organizing team and partners for their tireless efforts in bringing this conference to fruition.

I also extend my gratitude to our co-chair, whose unwavering support has enriched the preparation of this session. Together, we embark on a journey of knowledge exchange and collaborative exploration, united by our commitment to sustainable development. May this session serve as a catalyst for transformation, empowering us with the knowledge and inspiration to make a positive impact in our respective fields. Let us cherish the diversity of perspectives shared today, recognizing that sustainability is a collective responsibility that knows no boundaries. I encourage each one of you to actively participate, share your ideas, and engage in meaningful conversations that will drive us closer to achieving the SDGs.

Comments by Co-Chair: Esteemed participants, the SDGs hold profound significance in shaping the future of our planet, and I commend each one of you for dedicating your time and expertise to this crucial discourse. The depth of knowledge and expertise we witness today reaffirms our shared commitment to sustainable development. I am confident that the presentations in this session will inspire innovative solutions and forge new avenues for collaborative action. Let us seize this opportunity to enhance our understanding, challenge assumptions, and identify meaningful ways to accelerate progress towards the SDGs. Together, let us create a legacy of sustainability that transcends borders and empowers communities across the globe. I look forward to engaging with each of you and exploring the transformative potential of sustainable development.

Before we proceed to the presentations, I would like to express my heartfelt appreciation to our esteemed moderators, Engr. Dr. Muhammad Mohsin Waqas and Ms. Aleena Naqvi. Their skillful facilitation was undoubtedly enriching our discussions and ensuring a fruitful exchange of ideas. Your dedication and expertise are instrumental in shaping the success of this session, and we are grateful for your invaluable contributions.

Now, without further ado, let us transition to the thought-provoking presentations by our distinguished speakers:



Alex Albelda's presentation was shed light on the multifaceted challenges faced by municipalities in achieving the SDGs. He highlighted potential opportunities for sustainable development through effective governance, stakeholder engagement, and innovative urban planning.

Abdulahdi Achakzai's presentation was discuss the significant impacts of climate change in Afghanistan. He emphasized the urgency of adaptation and mitigation strategies and highlight the importance of regional cooperation in addressing climate-related challenges.

Samuel Lekato's presentation was explore critical aspects of climate change, mitigation, and adaptation. He stressed the importance of integrating climate-resilient practices into policies and projects to foster sustainable development.

Umar Ali Mustapha's presentation showcased the potential of biogas technology and circular economy approaches in addressing sustainable energy needs and contributing to climate change mitigation and adaptation efforts.

Baraka Juma's presentation focused on the critical topic of climate finance. He explored the importance of mobilizing funds and investments to support climate-friendly initiatives and projects, fostering resilience and sustainability.

Oluwadunsin Bolaji's presentation highlighted the pivotal role of education in promoting sustainable development. He emphasized the need for education to empower individuals with knowledge and skills to drive positive change and shape a sustainable future.

Celine Kiden's presentation was delve into the specific climate change challenges faced by South Sudan. She offered strategies and approaches to enhance climate adaptation efforts, considering the country's unique context and vulnerabilities.

Adetunji oluwanifemi Kingisreal's presentation was highlight the overarching importance of the SDGs in guiding global efforts towards a sustainable and equitable future. He emphasized the role of individuals and institutions in aligning their actions with the SDGs to drive positive change.

Concluding Remarks by Technical Session Chair: As we conclude this enlightening session, I extend my sincere appreciation to all our esteemed speakers for their invaluable contributions. The presentations in Technical Session-2 have offered diverse perspectives on sustainable development and climate change, enriching our understanding of the challenges and opportunities that lie ahead. I would like to express my gratitude to our co-chair for his unwavering support and invaluable insights throughout this session. Additionally, I must acknowledge the integral role played by our moderators, Engr. Dr. Muhammad Mohsin Waqas and Ms. Aleena Naqvi, in ensuring that this session fosters engaging discussions and profound insights. Your skillful facilitation has been instrumental in creating a conducive environment for productive exchanges. Let us carry the insights gained during this session into our respective fields and endeavors, driving collective action towards achieving the SDGs. The journey towards sustainability requires collaborative efforts, and I encourage each participant to play an active role in shaping a better and more resilient future. Thank you all for your participation and dedication to the cause of sustainable development. Together, we can forge a path towards a more equitable, prosperous, and sustainable world for generations to come.



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Technical Session-2 (Day 1)

(CIEN 2.03R-Hall 02)

Opening Remarks by Technical Session Chair: Esteemed participants, distinguished guests, and fellow proponents of sustainable development, I extend a warm welcome to each one of you to Technical Session 2 of the International Conference on Sustainable Development Goals. As the Technical Session Chair, I stand before you with immense enthusiasm and gratitude for this remarkable opportunity to delve into crucial topics related to sustainable food systems, energy transition, climate change, and education. The Sustainable Development Goals (SDGs) provide a shared vision for addressing global challenges, and I am inspired by the collective commitment we witness here today. Our esteemed speakers will shed light on diverse facets of sustainable development, offering valuable insights and innovative solutions to propel us towards a greener and more resilient future. I would like to express my heartfelt appreciation to KFUEIT, our esteemed host university, for organizing this conference that brings together experts, researchers, and stakeholders from various fields. The exchange of knowledge and ideas in this forum fosters collaboration and drives us closer to achieving the SDGs. Let us seize this opportunity to explore, discuss, and engage in meaningful conversations that will empower us to become agents of positive change. Together, let us embark on a journey towards a sustainable and inclusive world, leaving a lasting impact on future generations.

Comments by Co-Chair: Dear colleagues and participants, our collective presence today reflects our shared commitment to addressing the pressing challenges of sustainable development. The lineup of speakers and the diverse range of topics they will cover reflect the interdisciplinary nature of sustainable development. As we explore green technologies, sustainable energy, climate change, and transformative education, I am confident that this session will foster a deeper understanding of the interconnectedness of our actions and the need for collective responsibility. I urge each participant to actively engage, question assumptions, and envision innovative ways to advance the SDGs in their respective spheres of influence. Together, we can lay the foundation for a more sustainable, equitable, and prosperous future.

Before we proceed to the presentations, I extend my sincere appreciation to our esteemed moderators, Engr. Dr. Umer Farooq and Mr. Muhammad Bilal Wali. Their expertise and dedication in guiding the discussions will ensure a productive and insightful session. Their efforts in facilitating meaningful exchanges are commendable and greatly appreciated.

Now, without further ado, let us embark on this journey of knowledge and collaboration with our esteemed speakers:

Simon Nyarko's presentation shed light on the significance of green technologies and innovations in fostering sustainable food systems that promote environmental health and public well-being.

Rabiu Halilu Rabiu's presentation delved into the human dimensions of a sustainable energy transition, emphasizing the importance of inclusivity, socio-economic factors, and community engagement.

Emmanuel Monyei's presentation explored the concept of transgenerational equity in the context of climate change, emphasizing the ethical implications and the intergenerational responsibility we hold.



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Joseph Okech's presentation provided a comprehensive overview of climate change, its impacts, and the urgent need for collective action to mitigate its effects.

Benjamin Eilen's presentation highlighted the pivotal role of education in empowering students to become advocates for climate change action, emphasizing the transformative power of knowledge.

Sani Said Muhammad's presentation focused on the importance of transboundary environmental governance in creating a sustainable alliance for a connected and harmonious world.

Engelbert Modo's presentation emphasized the transformative potential of sustainable education, urging individuals to become changemakers in driving positive environmental and societal change.

Concluding Remarks by Technical Session Chair: As we draw this insightful session to a close, I extend my sincere gratitude to all our esteemed speakers for sharing their knowledge and perspectives on sustainable development. Each presentation has offered valuable insights into critical topics that shape the path to a sustainable future. I also want to express my appreciation to our co-chair for his valuable contributions and support throughout this session. A special word of thanks goes to our diligent moderators, Engr. Dr. Umer Farooq and Mr. Muhammad Bilal Wali, for their skillful facilitation, ensuring a dynamic and engaging session. Let us carry the lessons learned and ideas exchanged today into our spheres of influence, striving collectively to make a positive impact on the planet and its inhabitants. Our journey towards sustainable development is ongoing, and it demands a steadfast commitment from each one of us. Thank you all for your active participation and dedication to the cause of sustainable development. Together, let us forge a path towards a brighter and more sustainable future.



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Technical Session-1 (Day 2)

(Civil Auditorium-Hall 01)

Opening Address by Technical Session Chair: Distinguished participants, esteemed colleagues, and advocates of sustainable development, I extend a warm and heartfelt welcome to each of you to Technical Session 1 of the International Conference on Sustainable Development Goals. As the Chair of this session, I am honored to preside over this platform where innovative ideas and insights converge, paving the way for a more sustainable and inclusive world. The Sustainable Development Goals (SDGs) offer a transformative roadmap towards a brighter future, and today, we embark on a journey to explore the diverse facets of sustainable development and education. I commend the collective commitment of all participants as we come together to discuss pressing issues, innovative solutions, and actionable strategies. My sincere appreciation goes to KFUEIT, our host university, for organizing this significant conference, providing an avenue for knowledge exchange and fostering collaboration towards achieving the SDGs. I am also grateful to our Co-Chair for his invaluable support in curating this enlightening session. Let us harness the power of collective wisdom, engage in constructive dialogue, and inspire each other to become agents of change. Together, we have the capacity to shape a sustainable future for generations to come.

Remarks by Co-Chair: Esteemed participants, our collective presence in this session underscores the shared dedication to sustainable development and education. As we explore the diverse presentations, I urge each participant to actively participate, share experiences, and envision collaborative pathways that will accelerate progress towards the SDGs. Education plays a pivotal role in shaping the future, and it is through collaboration and knowledge exchange that we can create meaningful change. I express my gratitude to the moderators, Engr. Dr. Muhammad Mohsin Waqas, and Engr. Aleena Naqvi, for their pivotal role in facilitating our discussions. Your expertise and guidance ensure the smooth flow of ideas and enrich our collective understanding. Let us seize this opportunity to ignite new perspectives, forge meaningful connections, and reaffirm our commitment to sustainable development.

Before we delve into the presentations, I extend my heartfelt appreciation to our esteemed moderators, Engr. Dr. Muhammad Mohsin Waqas, and Engr. Aleena Naqvi. Your dedication in guiding the discussions and creating a conducive environment for insightful exchanges is commendable and greatly appreciated.

Now, without further ado, let us immerse ourselves in the enlightening presentations by our distinguished speakers:

Tersur Ateyo's presentation was emphasize the critical role of education in promoting sustainable development. It highlighted the transformative power of education in fostering awareness, knowledge, and action towards achieving the SDGs.

Bhaskaran introduced the PlanetSustain app, an innovative tool designed to empower individuals in tracking their carbon footprint and cultivating sustainable habits. The presentation explored how individual actions contribute to collective environmental impact.

Ogundare Taye Tobi's presentation delved into the importance of harmonizing human endeavors with nature to build climate-resilient societies. The talk explored strategies to embrace sustainability as a fundamental aspect of development.



Patrick Ahebwa's presentation provided a comprehensive overview of the critical importance of the Sustainable Development Goals (SDGs). The talk underscored the urgency of collective action in aligning our efforts to achieve these global targets.

Dr. Mutmainnah Mutmainnah's presentation showcased how IT innovation, specifically a meta learning environment, can support and enhance the quality of education. The talk explored the potential of technology in fostering a conducive and inclusive learning environment.

Hussain Hamzah's presentation focused on the importance of enlightening students about sustainable development. The talk highlighted the role of educational institutions in nurturing environmentally conscious and socially responsible citizens.

Jessica Omuna Anabor's presentation discussed the significance of bridging social capital in driving sustainable transformative pathways. The talk emphasized the role of collaborative efforts in achieving meaningful progress.

Mustapha Adamu Medugu's presentation offered a comparative perspective on the role of education in advancing the SDGs in developing countries, specifically Nigeria and Pakistan. The talk identified opportunities and challenges in promoting sustainable education.

Mokutmfon Ubon James's presentation highlighted the synergy between sustainable development and climate change mitigation in the context of urban planning. The talk explored how sustainable urban planning can contribute to climate resilience.

Wekesa Brian Mwangala's presentation delved into the dual aspects of climate change mitigation and adaptation. The talk underscored the importance of collective action to address climate-related challenges.

Deborah Odeniyi presented an overview of climate change adaptation and mitigation projects implemented in diverse countries. The talk showcased successful initiatives and lessons learned from different contexts.

Zahrau salisu kabo's presentation was focused on the critical topic of water resources management. The talk emphasized the need for sustainable and equitable water management strategies to address global water challenges.

Prince Kevin Ogoo's presentation examined the impact of agriculture on the economy. The talk shed light on sustainable agricultural practices that contribute to economic growth while preserving natural resources.

Dr. Farhana Khokar's presentation explored the contributions of Education for Sustainable Development (ESD) to quality education. The talk highlighted the transformative potential of ESD in nurturing responsible global citizens.

Concluding Remarks by Technical Session Chair: As we draw the curtains on this insightful session, I extend my heartfelt gratitude to each speaker for their thought-provoking presentations and valuable contributions. The diversity of topics covered and the passion of our speakers have enriched our understanding of sustainable development and its multifaceted dimensions. I would also like to express my appreciation to our Co-Chair for his valuable support in shaping this session. A special word of thanks goes to our dedicated moderators, Engr. Dr. Muhammad Mohsin Waqas, and Engr. Aleena Naqvi, for their



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skillful facilitation, which ensured the seamless flow of ideas and fruitful discussions. Let us carry the insights gained from this session and translate them into actionable initiatives that contribute to the realization of the SDGs. By working collectively, we can pave the way for a more sustainable and resilient future. Thank you all for your active engagement and commitment to creating positive change in the world.



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Technical Session-1 (Day 2)

(CIEN-2.03R-Hall 02)

Opening Address by Technical Session Chair: Esteemed participants, distinguished guests, and fellow advocates of sustainable development, I am honored to welcome you all to Technical Session-1 of the International Conference on Sustainable Development Goals. As the Chair of this session, I extend my warmest greetings and heartfelt appreciation to each one of you for joining us in this endeavor. The Sustainable Development Goals (SDGs) offer a transformative framework for addressing global challenges, and this session is a testament to our collective commitment towards realizing these goals. I am delighted to witness the convergence of diverse perspectives and innovative ideas that will shape our sustainable future. I extend my gratitude to KFUEIT, our esteemed host university, for providing a platform for knowledge exchange and collaboration. My heartfelt appreciation also goes to our Co-Chair for his invaluable support and contributions to curate this insightful session. Together, let us explore the presentations on geothermal energy, plastic waste management, water resources, climate change mitigation and adaptation, and various other topics that underscore the interconnectedness of sustainable development. Thank you, and I eagerly anticipate the enriching discussions that lie ahead.

Remarks by Co-Chair: Respected participants, our shared dedication to sustainable development has brought us together to discuss critical issues and innovative solutions. As we delve into the presentations, I encourage each participant to actively engage, contribute insights, and forge collaborations. Together, we can transform challenges into opportunities and drive positive change in line with the SDGs. I extend my appreciation to our moderators, Engr. Dr. Umer Farooq, and Mr. Muhammad Bilal Wali, for their efforts in ensuring a productive and engaging session. Let us seize this moment to inspire and empower one another as we strive towards a sustainable and equitable world.

Before we proceed with the presentations, I extend my heartfelt appreciation to our esteemed moderators, Engr. Dr. Umer Farooq, and Mr. Muhammad Bilal Wali. Their adept facilitation and dedication in guiding the discussions will undoubtedly enrich the session's outcomes.

Now, let us embark on this journey of knowledge and collaboration with our esteemed speakers:

Elshalom Chioma Omokpariola's presentation shed light on the potential of geothermal energy as a sustainable development trend in Africa. The talk explored its geophysical impacts, providing insights into harnessing this renewable energy source.

Dr. K Sivagami discussed the opportunities and challenges in converting single-use plastic into value-added products using the pyrolysis process. The presentation underscored the significance of plastic waste management for sustainable development.

Timothy Damilare Adekonojo's presentation delved into water resources management and highlighted sustainable solutions for addressing water-related challenges. The talk emphasized the importance of equitable water management for all.

Fizza Maryam's presentation explored climate change mitigation and adaptation strategies. The talk emphasized the importance of collaborative efforts to combat climate change's adverse effects.



Aiman's presentation examined the impacts of climate change on the health of vulnerable communities in Pakistan. The talk underscored the need for targeted strategies to protect vulnerable populations.

Tamba Samuel Fanday's presentation focused on corporate social responsibilities towards the environment. The talk highlighted the crucial role of businesses in promoting sustainability.

Muhammad Mudassar's presentation discussed lignin-derived materials for sustainable ionic thermoelectric supercapacitors. The talk explored the potential of sustainable materials for energy storage.

Nonzwakazi Mononi's presentation shed light on the impacts of the Sustainable Development Goals (SDGs). The talk highlighted success stories and challenges in achieving the SDGs.

Dr. Safdar Husain Tahir's presentation emphasized the importance of education quality in sustainable development. The talk underscored the role of education in nurturing future leaders.

Dr. Kamran Amin presented strategies and actions towards a sustainable energy future in Pakistan. The talk explored the transition to clean energy sources.

Syed Imran Ali Shah's presentation was focus on the role of youth as agents of change and development. The talk inspired youth to actively engage in sustainable initiatives.

Turab Randhawa presented "Pakistan Abhi," discussing the initiative to "Unwaste Pakistan" for a future-ready nation. The talk highlighted waste management strategies and their impact on sustainable development.

Nnene Bassey's presentation explored the impact of climate change and gas flaring on persons with Albinism. The talk raised awareness of the specific challenges faced by this vulnerable community.

Kula, Godwin Aondohemba's presentation delved into climate change mitigation and adaptation strategies. The talk emphasized the role of community-driven initiatives in resilience-building.

Shiv Challa discussed the e-waste situation worldwide and underscore the importance of effective e-waste management for sustainable development.

Concluding Remarks by Technical Session Chair: As we conclude this session, I extend my heartfelt gratitude to each speaker for their enlightening presentations and valuable contributions. Your insights have enriched our understanding of sustainable development and its diverse dimensions. My sincere appreciation also goes to our Co-Chair for his invaluable support and contributions throughout the session. I would like to express my profound thanks to our diligent moderators, Engr. Dr. Umer Farooq, and Mr. Muhammad Bilal Wali, for skillfully facilitating our discussions and fostering an environment of engagement. As we move forward, let us channel the lessons learned and collaborative spirit gained today into actionable endeavors that drive us closer to achieving the SDGs. Thank you all for your enthusiastic participation, and I eagerly anticipate the impact of your initiatives in creating a sustainable and equitable future for all.



Technical Session 2 (Day 2)

(Civil Auditorium-Hall 01)

Opening Address by Technical Session Chair: Dear participants, distinguished guests, and advocates of sustainable development, I am delighted to welcome you to Technical Session 2 of the International Conference on Sustainable Development Goals. As the Chair of this session, I extend my warmest greetings and express my gratitude for your presence here today. The Sustainable Development Goals (SDGs) offer a transformative roadmap for addressing global challenges, and this session is a platform to explore innovative ideas and solutions towards their realization. Let us engage in insightful discussions and forge meaningful collaborations to drive positive change. I would like to extend my appreciation to our Co-Chair for his valuable support and collaborative efforts in curating this session. With the guidance of our diligent moderators, Engr. Dr. Muhammad Mohsin Waqas, and Engr. Aleena Naqvi, let us embark on this journey of knowledge sharing and collective action for a sustainable future.

Remarks by Co-Chair: Respected participants, the diverse perspectives and expertise gathered here today are a testament to our shared commitment to sustainable development. As we delve into the presentations, I encourage each participant to actively engage, exchange ideas, and explore innovative approaches to address the SDGs' challenges. I express my sincere appreciation to our moderators, Engr. Dr. Muhammad Mohsin Waqas, and Engr. Aleena Naqvi, for their diligent efforts in ensuring a productive and insightful session. Together, let us embrace the spirit of collaboration and contribute to building a more sustainable and inclusive world.

Before we proceed with the presentations, I extend my heartfelt appreciation to our esteemed moderators, Engr. Dr. Muhammad Mohsin Waqas, and Engr. Aleena Naqvi. Their skillful facilitation and dedication have played a crucial role in shaping this session.

Now, let us delve into the presentations by our esteemed speakers:

Amb Dr (hc) CPA Shainul Bhanji explored the concept of a green industrial policy, highlighting its potential to drive sustainable economic growth and environmental stewardship.

Abdulrazak Abubakar's presentation emphasized the role of education in promoting sustainable development. The talk underscored the importance of integrating sustainability principles into educational curricula.

Sakhawat Ali discussed the effective role of the Sustainable Development Goals (SDGs) in addressing global challenges. The presentation emphasized the need for coordinated efforts to achieve the SDGs.

Dr. Ghazala Khan's presentation delved into the social impact of the SDGs. The talk was shed light on the transformative potential of the SDGs in advancing social equity and inclusion.

Jordan Panayotov explored the critical factors influencing the successful achievement of the SDGs. The presentation underscored the need for strategic planning and action-oriented approaches.

Engr. Dr. Sadiq Hussain's presentation was focus on the importance of clean water access for sustainable development. The talk highlighted the challenges and opportunities in ensuring universal access to clean water.



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Coach Dr. Herbert Mtowo discussed the concept of sustainability and its relevance in contemporary society. The presentation inspired participants to adopt sustainable practices in their respective domains.

Dr. Saheed Opeyemi Adebisi's presentation emphasized the interconnectedness of climate change and biodiversity. The talk underscored the importance of a green system for environmental sustainability.

Concluding Remarks by Technical Session Chair: As we conclude this enriching session, I extend my heartfelt gratitude to each speaker for their insightful presentations and valuable contributions. Your expertise has added depth to our understanding of sustainable development and its multifaceted challenges. I extend my sincere appreciation to our Co-Chair, Dr. Turab Randhawa, for his collaborative efforts in shaping this session. A special word of thanks goes to our dedicated moderators, Engr. Dr. Muhammad Mohsin Waqas, and Engr. Aleena Naqvi, for their skillful facilitation, which has fostered fruitful discussions. As we move forward, let us integrate the lessons learned and the spirit of collaboration into concrete actions that drive us closer to achieving the SDGs. Thank you all for your enthusiastic participation, and I eagerly anticipate the positive impact of your initiatives in shaping a sustainable and equitable future for all.



Parallel Technical Session-2 (Day 2)

(CIEN-2.03R-Hall 02)

Opening Address by Technical Session Chair: Dear participants, distinguished guests, and advocates of sustainable development, it gives me immense pleasure to welcome you to Parallel Technical Session 2 of the International Conference on Sustainable Development Goals. As the Chair of this session, I am honored to be part of this forum that brings together experts and enthusiasts to discuss sustainable solutions to global challenges. Let us embrace this opportunity to exchange ideas, foster collaborations, and chart a course towards achieving the Sustainable Development Goals. I extend my gratitude to our Co-Chair for his valuable insights and support in shaping this session. With the able moderation of Engr. Dr. Umer Farooq and Mr. Muhammad Bilal Wali, I am confident that this session was led to meaningful outcomes and actionable strategies for a sustainable future. Thank you, and I eagerly look forward to the enlightening discussions that lie ahead.

Remarks by Co-Chair: Esteemed participants, our collective commitment to sustainable development fuels the momentum for positive change. During this session, I encourage each speaker to share their unique perspectives, research, and experiences in tackling sustainability challenges. I express my heartfelt appreciation to our moderators, Engr. Dr. Umer Farooq, and Mr. Muhammad Bilal Wali, for their dedicated efforts in facilitating a vibrant and insightful session. Together, let us engage in fruitful discussions and contribute to advancing the SDGs for a better tomorrow.

Before we delve into the presentations, I extend my sincere appreciation to our esteemed moderators, Engr. Dr. Umer Farooq, and Mr. Muhammad Bilal Wali. Their commitment and expertise have ensured the smooth conduct of this session.

Now, let us proceed with the presentations by our esteemed speakers:

Dr. Rukhsana Bibi's presentation promises valuable insights on a topic soon to be announced. We eagerly await her contribution to this session.

Dr. Nazia Parveen shed light on the significance of partnerships in achieving the Sustainable Development Goals. The talk was emphasized the importance of collaboration across sectors and stakeholders.

Dr. Shahid Hussain's presentation explored sustainable practices for the sugar industry in Pakistan. The talk highlighted strategies to align this vital sector with sustainable development objectives.

Dr. Sunera Imtiaz presented a case study on sustainable development through building conservation. The study delved into the preservation of the shrine of Hazrat Shah Hussain Sadozai in Multan.

Engr. Hafiz Saeed Ur Rehman's presentation focused on parametric analysis using Building Information Modeling (BIM) to enhance building energy performance.

Dr. Aasha Sharma explored the role of choice architecture nudges in promoting responsible and mindful consumption patterns for sustainability.



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Engr. Dr. Muhammad Mohsin Waqas discussed nurturing food security amidst a changing climate. The presentation highlighted sustainable agricultural practices to enhance food resilience.

Mr. Iwara George presented on climate change mitigation and adaptation strategies, emphasizing the urgency of proactive measures.

Dr. Mazhar Hussain Bhadroo's presentation explored the social development and plantation in light of the Seerah of the Holy Prophet (ﷺ). The talk was elucidating the environmental challenges, demands, and impacts related to this context.

Abida Qadeer's presentation examined how the institutional environment influences character-building among secondary-level students.

Vincent Nduka Ojeh discussed the correlation between climate variability and human health in Jalingo Taraba State. The presentation was shed light on the significance of climate adaptation measures for public health.

Concluding Remarks by Technical Session Chair: As we draw the curtains on this thought-provoking session, I extend my heartfelt gratitude to each speaker for their valuable insights and contributions. Your diverse presentations have enriched our understanding of sustainable development and its multidimensional aspects. I would also like to express my appreciation to our Co-Chair for his collaborative spirit in ensuring the success of this session. Special thanks go to our moderators, Engr. Dr. Umer Farooq, and Mr. Muhammad Bilal Wali, for their dedicated efforts in guiding fruitful discussions. Let us carry the lessons learned and the spirit of cooperation into meaningful actions to advance the SDGs and create a brighter and sustainable future for all. Thank you all for your active participation, and I look forward to witnessing the positive impact of your endeavors.



Technical Session

(Physical session CIEN-2.03L)

Opening Address by Technical Session Chair: Respected participants, esteemed colleagues, and advocates of sustainable development, I am delighted to welcome you all to this impactful Technical Session on the Sustainable Development Goals. As the Chair of this session, I express my sincere appreciation to each one of you for dedicating your time and expertise to this crucial discussion. Together, we embark on a journey to explore innovative solutions that will shape a brighter and sustainable future for our planet. I extend my gratitude to our Co-Chair for his invaluable support and collaborative efforts in orchestrating this session. With the esteemed moderation of Dr. Rifat Javeria and Dr. Shazia Andleeb, I am confident that our discussions will yield actionable strategies to drive progress towards the SDGs. Thank you, and let us engage in enlightening exchanges that inspire positive change.

Remarks by Co-Chair: Distinguished participants, as we convene to address pressing global challenges, I applaud the dedication and passion of each speaker for their contributions to this critical cause. I extend my sincere appreciation to our moderators, Dr. Rifat Javeria, and Dr. Shazia Andleeb, for guiding us through insightful discussions. Let us embrace this opportunity to inspire, collaborate, and envision a sustainable world for generations to come.

Before we embark on the presentations, I extend heartfelt appreciation to our esteemed moderators, Dr. Rifat Javeria, and Dr. Shazia Andleeb. Their guidance and expertise have been instrumental in curating this enriching session.

Now, let us proceed to explore the insightful presentations by our esteemed speakers:

Neha Mushtaq's presentation highlighted the pivotal role of youth as agents of change in advancing the SDGs. The talk explored strategies to empower young minds for collective action towards a better tomorrow.

Alishba Zahid and Dua Naseer shed light on advancing SDG 3, emphasizing the crucial aspects of ensuring health and well-being for all. The presentation underscored the significance of comprehensive healthcare initiatives.

Muhammad Nadeem Shaheen's presentation provided insights into the progress and challenges in climate action in Pakistan. The talk explored sustainable initiatives to combat climate change and foster resilience.

Mahnoor Akram's presentation delved into the progress made in achieving SDG 3, focusing on good health and well-being in Pakistan. The talk highlighted efforts to enhance healthcare access and quality.

Muhammad Farhan discussed the importance and challenges of affordable and clean energy in Pakistan. The presentation underscored the critical role of sustainable energy solutions in driving socio-economic development.

Tayyba Shafiq's presentation centered on the conservation of life below water and life on land. The talk explored strategies for preserving biodiversity and protecting delicate ecosystems.



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Concluding Remarks by Technical Session Chair: As we conclude this insightful session, I extend my profound gratitude to our distinguished speakers for their enlightening presentations. Each presentation has contributed significantly to our collective understanding of sustainable development challenges and opportunities. I also thank our Co-Chair for his unwavering support in making this session a resounding success. My heartfelt appreciation goes to our dedicated moderators, Dr. Rifat Javeria, and Dr. Shazia Andleeb, for their skillful facilitation of thought-provoking discussions. Let us carry forward the momentum gained from this session and translate our insights into meaningful actions, propelling us closer to realizing the Sustainable Development Goals. Together, we can foster a more sustainable and equitable world for all.



Outcomes of the Conference

- **Knowledge Enrichment and Dissemination:** The conference yielded a wealth of knowledge and insights from the contributions of over 50 international speakers. Attendees benefited from a diverse array of perspectives, research findings, and case studies, thereby enriching their understanding of sustainable development and the complexities associated with achieving the SDGs. The dissemination of this knowledge has the potential to influence decision-makers, researchers, and practitioners across various sectors, prompting them to take informed actions towards sustainable practices.
- **Strengthening Global Network and Collaborations:** The conference served as a catalyst for forging meaningful connections among participants from different countries and disciplines. By engaging in interactive discussions, workshops, and networking sessions, attendees established valuable collaborations, partnerships, and friendships. The strengthened global network of sustainability enthusiasts fosters the exchange of best practices, knowledge sharing, and mutual support in addressing common challenges and advancing collective efforts towards the SDGs.
- **Inspiration and Motivation for Action:** The presence of prominent international speakers and the collective commitment of participants infused the conference with a profound sense of inspiration and motivation for action. Attendees left the event with renewed determination to be agents of change in their respective spheres of influence. The conference's emphasis on actionable solutions instilled a belief that small and large-scale contributions can collectively lead to substantial progress in sustainable development initiatives.
- **Recognition of Regional Context and Challenges:** The diverse backgrounds of the international speakers shed light on the regional nuances and unique challenges faced in achieving the SDGs. This recognition promoted a deeper understanding of context-specific solutions and the importance of tailoring sustainable development approaches to fit the cultural, social, and economic contexts of different regions. The acknowledgment of regional challenges also spurred discussions on the need for targeted interventions and international cooperation to address specific issues.
- **Capacity Building and Skill Development:** The conference offered attendees opportunities for capacity building and skill development through workshops, training sessions, and interactive discussions. Participants had the chance to enhance their understanding of sustainable practices, research methodologies, and advocacy strategies. This newfound knowledge empowers them to become more effective advocates for sustainable development in their professional and personal spheres.
- **Setting an Agenda for Future Action:** The conference concluded with a collective agreement on setting an agenda for future action towards achieving the SDGs. Participants identified key areas of focus and outlined concrete action plans to overcome challenges, mobilize resources, and promote transformative change. The outcomes of the conference laid the groundwork for continued collaboration and advocacy, guiding participants to channel their efforts and resources effectively.
- **Amplification of Voices for Policy Advocacy:** With the insights gained from the conference, participants emerged as influential advocates for policy changes and sustainability-oriented initiatives. Armed with evidence-based research and global perspectives, attendees are now better equipped to engage with policymakers, corporations, and community leaders, driving them to adopt sustainable practices and integrate the SDGs into their agendas.



Takeaways of the Conference

- **Collaborative Approach:** A key takeaway from the conference was the recognition that achieving the SDGs requires a collaborative approach involving governments, academia, businesses, civil society, and individuals. The conference showcased successful examples of partnerships and emphasized the importance of working together to pool resources, expertise, and efforts to address complex sustainability challenges.
- **Importance of Localized Solutions:** Participants emphasized the significance of localized solutions and context-specific approaches to sustainable development. While global frameworks like the SDGs provide a shared vision, tailoring strategies to fit the unique needs and circumstances of each region is crucial for effective implementation. This approach fosters a sense of ownership among local communities and enhances the likelihood of sustainable outcomes.
- **Inclusive Development:** The conference underscored the imperative of promoting inclusive development. Speakers emphasized the need to leave no one behind, focusing on marginalized and vulnerable populations, and ensuring that the benefits of sustainable initiatives are equitably distributed. Inclusivity in decision-making and policy formulation emerged as a critical aspect to achieve sustainable and long-lasting impact.
- **Empowering Youth and Education:** Participants recognized the immense potential of the youth in driving sustainable development. Empowering young leaders with education, knowledge, and opportunities to contribute to the SDGs emerged as a common theme. Integrating sustainability education into curricula and creating platforms for youth engagement were highlighted as essential steps towards nurturing a generation committed to sustainable practices.
- **Holistic Approaches:** The conference emphasized the significance of adopting holistic approaches to address interconnected sustainability challenges. Recognizing the interlinkages among the SDGs, participants stressed the need to break down silos between sectors and disciplines. Integrating economic, social, and environmental considerations was seen as essential for crafting comprehensive and effective strategies.
- **Innovation and Technology:** The role of innovation and technology in advancing sustainable development was prominently featured in the conference discussions. Speakers showcased innovative solutions, such as renewable energy technologies, digital platforms for data-driven decision-making, and sustainable agricultural practices. Embracing technological advancements was seen as critical for achieving the SDGs efficiently and sustainably.
- **Scaling Up and Mobilizing Resources:** Participants recognized that scaling up successful sustainable initiatives and mobilizing adequate resources are vital for achieving meaningful impact. Strengthening partnerships with international organizations, leveraging private sector investments, and exploring innovative financing mechanisms emerged as strategies to accelerate progress towards the SDGs.
- **Behavioral Change and Awareness:** The conference highlighted the importance of fostering behavioral change and raising awareness among individuals and communities. Communicating the urgency of sustainable development and its relevance to everyday lives can inspire actions at the grassroots level. Participants acknowledged that collective behavioral change, even at the individual level, can contribute significantly to the achievement of the SDGs.



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- **Resilience and Adaptation:** The discussions underscored the need to build resilience and adaptability in the face of environmental and societal changes. Participants recognized that climate change, natural disasters, and social disruptions require proactive measures and adaptive strategies to protect communities and ecosystems.
- **Continuity of Collaboration:** The conference concluded with a call for continuity in collaboration and knowledge-sharing among participants. Building upon the connections and partnerships established during the event, participants were encouraged to sustain the momentum and work collaboratively beyond the conference to drive transformative change.



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About the KFUEIT: (<https://kfueit.edu.pk/>)





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Ranking in
**PEACE, JUSTICE AND
STRONG INSTITUTION**

601–800

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

Khwaja Fareed University of Engineering and Information Technology
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Ranking in
LIFE BELOW WATER

301–400

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

Khwaja Fareed University of Engineering and Information Technology
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Ranking in
**RESPONSIBLE CONSUMPTION
AND PRODUCTION**

201–300

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

Khwaja Fareed University of Engineering and Information Technology
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Ranking in
**SUSTAINABLE CITIES
AND COMMUNITIES**

401–600

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

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Ranking in
CLIMATE ACTION

201–300

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

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Ranking in
**INDUSTRY INNOVATION
AND INFRASTRUCTURE**

601–800

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

Khawaja Fareed University of Engineering and Information Technology
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Ranking in
REDUCED INEQUALITIES

401–600

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

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Ranking in
AFFORDABLE AND CLEAN ENERGY

101–200

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Ranking in
DECENT WORK AND ECONOMIC GROWTH

401–600

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

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Ranking in
GENDER EQUALITY

601–800

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

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Ranking in
CLEAN WATER AND SANITATION

301–400

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

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Ranking in
GOOD HEALTH & WELL BEING

1001+

TIMES HIGHER EDUCATION IMPACT RANKINGS 2023

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<https://kfueit.edu.pk/overview-1?main=849&parent=QEC&menu=side-link>

Acknowledgments:

We extend our heartfelt acknowledgment to the Higher Education Commission of Pakistan (HEC), Punjab Higher Education Commission (PHEC), University of Central Lancashire (UCLan), esteemed guests, and distinguished speakers for their invaluable contributions in making the International Conference on Sustainable Development Goals, organized by the Directorate of Quality Enhancement Cell (QEC) at Khwaja Fareed University of Engineering and Information Technology (KFUEIT), a resounding success. Your unwavering support, guidance, and participation have been instrumental in fostering meaningful discussions and inspiring us all to work towards a more sustainable future. Thank you for your dedication and collaboration in this important endeavor.

No. KFUEIT/REG/ADMIN/2023/303

July 10, 2023

NOTIFICATION

Pursuant to the approval of the Competent Authority, the following committees are hereby constituted related to the **02 Days International Conference on Sustainable Development Goals (ICS DG-2023)** scheduled to be held on July 12-13, 2023.

ORGANIZING COMMITTEE ICPSE-2023:

1. Prof. Dr. Muhammad Suleman Tahir, Vice Chancellor- **Patron in Chief**
2. Dr. Muhammad Sagir, Registrar, **Patron/ Principal Organizer**
3. Prof. Dr. Shahzad Murtaza, Pro- Vice Chancellor, **Convener**
4. Dr. Muhammad Bilal Tahir, Director Quality Enhancement Cell, **Principal Organizer**
5. Dr. Umair Azhar, **Focal Person**
6. Ms. Aleena Naqvi, **Conference Secretary**

CENTRAL COORDINATION COMMITTEE:

1. Dr. Muhammad Sagir
2. Prof. Dr. Shahzad Murtaza
3. Dr. Muhammad Bilal Tahir
4. Mr. Saeed Ullah Khan Mughal
5. Dr. Muhammad Aslam Khan
6. Dr. Muhammad Umer Farooq
7. Dr. Muhammad Mohsin Waqas
8. Dr. Riffat Jaweria
9. Dr. Adnan Khalil
10. Dr. Shazia Andleeb
11. Dr. Gulam Mustafa Kamal
12. Dr. Yasir Niaz
13. Dr. Abdul Rasheed
14. Dr. Habib Ali
15. Dr. Rana Muhammad Mujahid Saleem
16. Mr. Muhammad Anwar Farooq
17. Mr. Makhdoom Ibad Ullah Hashmi
18. Mr. Muhammad Abid Ali, PS to VC
19. Mr. Rana Jahanzaib, Assistant Director
20. Mr. Muhammad Bilal Wali

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2. Dr. Muhammad Arif
3. Mr. Muhammad Aslam

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2. Mr. Awais Rahman
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2. Dr. Adnan Noor Shah
3. Mr. Muhammad Qurban

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1. Dr. Muhammad Sagir
2. Prof. Dr. Shahzad Murtaza
3. Dr. Muhammad Bilal Tahir
4. Dr. Ghulam Mustafa Kamal
5. Engr. Dr. Shahid Atiq
6. Engr. Dr. Ahmed Sohaib
7. Dr. Muhammad Aslam Khan

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2. Dr. Rana Muhammad Mujahid Saleem
3. Engr. Muhammad Suleman
4. Mr. Muhammad Bilal Wali

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2. Warden Boys Hostel
3. Warden Girls Hostel
4. Mr. Muhammad Kashif Ashraf
5. Mr. Yasir Ali

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3. Dr. Muhammad Tausif
4. Engr. Muhammad Suleman
5. Mr. Muhammad Qurban
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MODERATORS:

1. Dr. Muhammad Mohsin Waqas
2. Dr. Umair Azhar
3. Dr. Umair Azhar
4. Dr. Muhammad Arif
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2. Dr. Shazia Andleeb
3. Mr. Dilshad Ahmad

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SECURITY COMMITTEE:

1. Dr. Muhammad Khurram Shahzad
2. Chief Proctor & Proctor Committee
3. Dr. Jallat Khan

This is issued with approval of the Competent Authority.



Dr. Muhammad Sagir
Registrar (Acting)

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3. Directors / Addl. Directors / HoDs / Incharge
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INVITATION

2nd International Conference on

SUSTAINABLE DEVELOPMENT GOALS

Theme: Climate Change and Sustainability

12-13 2023
JULY



KFUEIT, RYK, PAKISTAN

GOAL

This conference aims to foster a global dialogue on the pressing issues of climate change and sustainability. We believe that by bringing together thought leaders, researchers, policymakers, and industry experts, we can collectively pave the way for innovative solutions that will contribute to a sustainable future.

Topics of interest include but are not limited to:

- ☐ Climate change mitigation and adaptation
- ☐ Sustainable energy solutions
- ☐ Water resource management
- ☐ Green technologies and innovations
- ☐ Biodiversity conservation

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Organized by: Quality Enhancement Cell

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Rahim Yar Khan, Pakistan**