



**SHAHEED BENAZIR BHUTTO WOMEN UNIVERSITY
PESHAWAR**

CLIMATE CHANGE CELL

Email: Climatechangecell@sbbwu.edu.pk

ANNUAL REPORT 2019

Prepared by:

Dr. Sadaf Bashir
Assistant Professor
Department of Political Science,
Incharge (Climate Change Cell)
SBBWU Peshawar.

Establishment of Climate Change Cell (July 2017)

Dr. Sadaf on the valuable guidance provided by worthy Vice Chancellor, Prof. Dr. Razia Sultana took the initiative to establish Climate Change Cell (CCC) at SBBWU Peshawar in 2017. The agenda of establishment of Climate Change Cell was prepared by Dr. Sadaf Bashir and presented in Academic Council in May 2017 and before Syndicate in July 2017. The Syndicate approved the establishment of CCC.

Mission Statement

The Climate Change Cell will support the people, communities and institutions of Khyber Pakhtunkhwa as well as Pakistan as it will address the impact of climate change through research, awareness enhancing and capacity building. It will foster dialogue and facilitate platform in which government departments, the private sector, educational institutions, research organizations and civil society can work together to develop local, national and regional programmes to combat adverse climate change effects and create opportunities for sustainable development.

Area of Interest/Research

The Climate Change Cell is particularly interested in the areas of Biodiversity particularly, encouragement of participation of local communities in conservation and sustainable use of biodiversity, impact of Industries on Climate Change, Comparative Politics of Climate Change, Climate Change and Local Governance, Policy, Advocacy and public awareness and education. However, the interest and research will not be limited to these areas. Legal Aspects of Climate Change, Socio-Economic Impacts of Climate Change on key sectors of Pakistan economy, Health Vulnerability of Communities, vulnerable Ecosystems, Renewable Energy Resources, Sustainable Tourism, and Green Business etc. will also be the consideration of the Cell.

Seminar on Tree Plantation (January 2019)

Guest Speaker. Ms. Qurat ul Ain (Head of Women Development Society)

A seminar was organized on Tree Plantation on 14 January 2019. Students were informed the about the role of trees to maintain ecological balance and equilibrium. After the session the guests Dr. Zohra Jabeen (Assistant Professor IM Sciences), Mr. Naeem (Focal Person for “Sheen Watan & We Care Society” IM Sciences) along with faculty and students planted 73 plants.



Tree Plantation Campaign (February 2019)

Guest speaker: Syed Kamran Hussain, Manager Khyber Pakhtunkhwa

WWF Pakistan

Vice Chancellor Prof. Dr. Razia Sultana along with guest speaker, faculty and students planted 500 plants provided by WWF on 18 February 2019.



Seminar on Environment and Role of Tree Plantation (February 2019)

Guest Speaker: Mr. Farrukh Ahmad Head of Environment Department, Bestway Cement Limited Islamabad.

Ms. Aneela Mudassar, from Department of Art and Design, organized the seminar to focus on campaign Go Green Breath Clean. 70 students participated in the Seminar. The event also displayed art & craft by the students of Department of Art and Design.





Seminar on Environmental Information & Management: Addressing Key Issues & way Forward for Pakistan (March 2019)

An invitation for Seminar was extended to Climate Change Cell by Forestry, Environment, & Wildlife Department, University of Peshawar. MS Afsheen Zaman (Department of Art & Design) and Dr. Aaliya Menhas (Department of Chemistry) attended the lecture on 26 March 2019. The main objective of the lecture was to enhance commitment and capacity for sustainable development planning and legislation in Pakistan.



Showing of Documentary ‘The Age of Stupid’ & Discussion
(March 2019)



Seminar on Air Quality in Pakistan: Interpreting Data and Improving Public Health Communication (April 2019)

Guest Speaker

Dr. Gabriel M. Filippelli: Director, Center for Urban Health, Indiana University-Purdue University Indianapolis, USA.

On the invitation of Centre for Climate Research and Development at COMSATS University, Dr. Sadaf Bashir, Dr. Rehana, Dr. Irum and students attended the Seminar on 22 April 2019.



Say No to Polythene Bags Campaign at SBBWU Peshawar

Department of Art and Design has launched a campaign “Say No to Polythene Bags.” Under this Campaign Canvas bags of Eco-Friendly material are designed. The worthy Vice Chancellor has launched the campaign in 2019. Interestingly, the conference related materials were offered to participants of an International Multi-Disciplinary Research Conference in these bags raising awareness among experts and scholars to use eco-friendly materials as well as giving a boost to University initiative.



Meeting on UIGMWUR (May 2019)

Dr. Sadaf Bashir as Incharge Climate Change Cell attended a Meeting of the UI Green Metric World University Ranking (UIGMWUR) on 8th May 2019 for execution of parameters set by UIGMWUR.



Quality Enhancement Cell

Minutes of 1st Meeting on UI Green Metric World University Rankings (UIGMWUR) held on 8th May 2019

The 1st meeting regarding the UI Green Metric World University Rankings held on Wednesday 8th May 2019.

The following attended the meeting:

1. Maj. Majid Saleem
Director Administration, Shaheed Benazir Bhutto Women University, Peshawar
2. Dr. Sadaf Bashir,
Assistant Professor, Department of Political Science,
Incharge-Climate Change Cell,
Shaheed Benazir Bhutto Women University, Peshawar
3. Ms. Nain Tara,
Deputy Registrar, Shaheed Benazir Bhutto Women University, Peshawar
4. Ms. Mahwish Asmat Ullah
Deputy Director QEC, Shaheed Benazir Bhutto Women University, Peshawar
5. Mr. Ghulam Themasp Khan
Deputy Director Administration, Shaheed Benazir Bhutto Women University, Peshawar
6. Mr. Sami Ullah
Assistant Director-Civil, Directorate of Works,
Shaheed Benazir Bhutto Women University, Peshawar
7. Ms. Sumayya Shahid
Assistant Registrar- Academics
Shaheed Benazir Bhutto Women University, Peshawar
8. Mr. Junaid Ahmed
Assistant Director-Electrical, Directorate of Works,
Shaheed Benazir Bhutto Women University, Peshawar

Main Campus University Avenue, Landy Sarak Charsadda Road, Peshawar.
Email: qec@sbbwu.edu.pk , Phone No: 091-9224704





Quality Enhancement Cell

9. Ms. Sana Jamil

Research Officer-ORIC

Shaheed Benazir Bhutto Women University, Peshawar

The meeting started with a briefing on UI Green Metric World University Rankings by Deputy Director, QEC followed by a detailed deliberation on identifying the responsible offices for data provision, strategising & execution; for improving the performance on parameters of UI Green Metric World University Ranking (UIGMWUR).

The members divided the parameters among themselves as follows;

S.No	Focal Person	Category	Criteria and Indicators Assigned
1	Dr. Sadaf Bashir, Incharge- Climate Change Cell	Setting and Infrastructure(SI)	1.2: Climate
		Energy and Climate Change (EC)	-
		Waste(WC)	3.1: Recycling program for university waste
			3.2: Program to reduce the use of paper and plastic in campus
			3.3: Organic waste treatment
			3.4: Inorganic waste treatment
			3.5: Toxic waste treatment
		Water(WR)	4.1: Water conservation program implementation
		Transportation(TR)	-
		Education(ED)	6.1: Number of courses/subjects related to sustainability offered
			6.2: Total number of courses/subjects offered
			6.7: Number of scholarly publications on sustainability published
2	Directorate of Works	Setting and Infrastructure(SI)	6.8: Number of events related to sustainability
			6.9: Number of student organizations related to sustainability
			6.10: Existence of a university-run sustainability website
			6.11: Sustainability website address if available
			1.3: Number of campus sites
			1.4: Main campus setting
			1.5: Total Main campus area
			1.6: Total main campus ground floor area of buildings
			1.7: Total main campus buildings area
			1.11: Total area on campus for water absorption

Main Campus University Avenue, Landy Sarak Charsadda Road, Peshawar.

Email: qec@sbbwu.edu.pk, Phone No: 091-9224704



Showing of Documentary (Running Dry and Before it's Too Late) to students of various Departments & Discussion (October 2019)



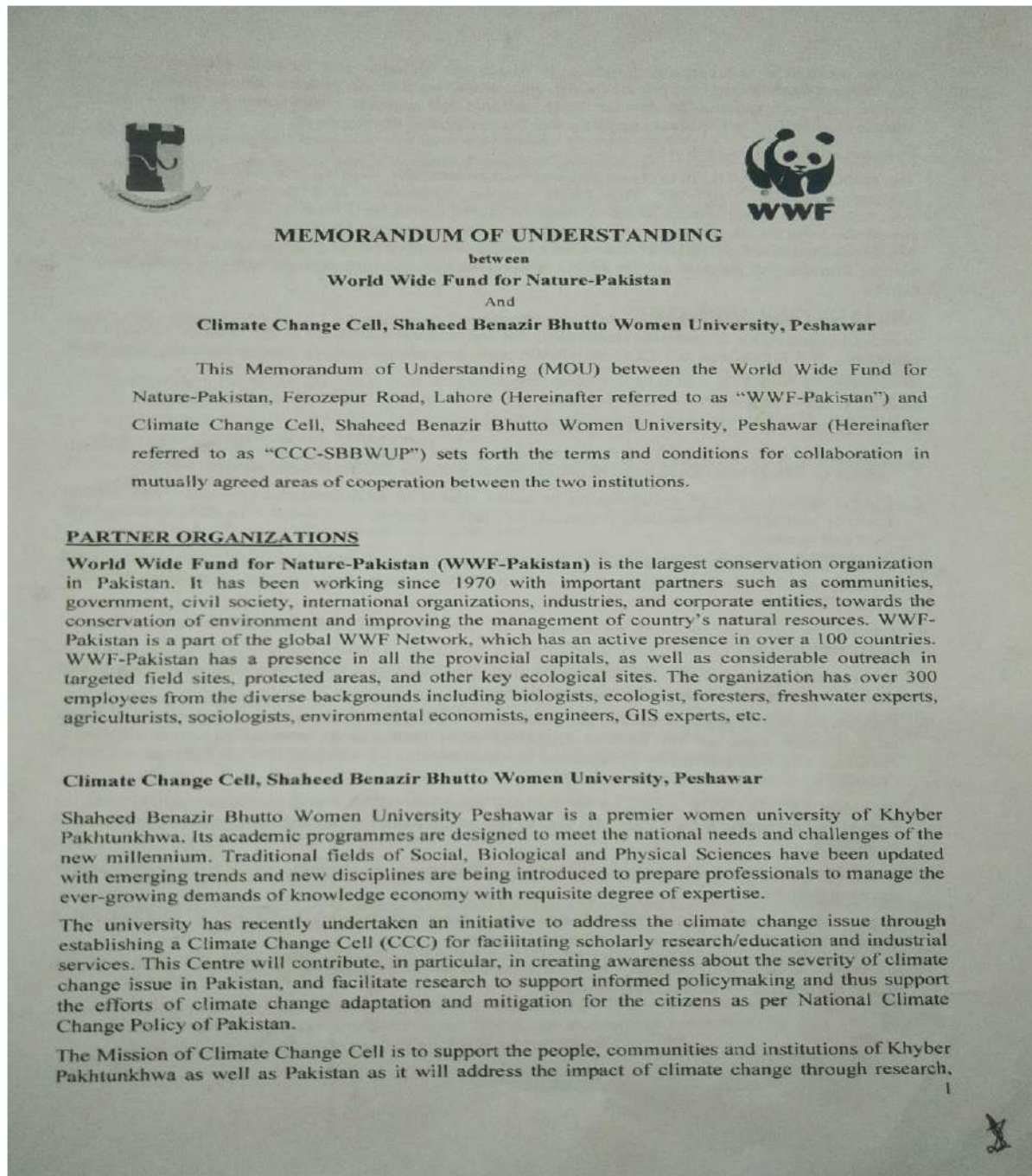
Cleanliness Activity with Green Council of Students (November 2019)

The Climate Change Cell conducted Cleanliness activity with Green Council of Students and students of department of Political Science at Main Campus (Larama) SBBBWU Peshawar.



MOU with WWF-Pakistan (30 December 2019)

A Memorandum of Understanding (MOU) was signed with WWF-Pakistan and SBBWU Peshawar focusing on training of students and faculty, research and internship. Dr. Sadaf Bashir, being the Incharge of Climate Change Cell was the focal person for collaboration.



raising awareness and capacity building. It will foster dialogue and facilitate platform in which government departments, the private sector, educational institutions, research organizations and civil society can work together to develop local, national and regional programmes to combat adverse climate change effects and create opportunities for sustainable development.

Purpose of the collaboration

The purpose of this MOU is to create and maintain an amicable working relationship between WWF-Pakistan and CCC-SBBWUP. This MOU assures cooperation of both parties for sharing of information and opportunities to allow them to contribute to each other's' initiatives and work to contribute towards the mutual goal of environmental protection. Moreover, the MOU will enable WWF-Pakistan and CCC-SBBWUP to take a lead in issues pertaining to expertise in their respective niches. Further, the purpose of the MOU is to synergize energies and prevent the duplication of efforts.

AREAS OF COLLABORATION

In order to establish a cooperative relationship through mutual assistance in the areas of research and education, WWF-Pakistan and CCC-SBBWUP agree to undertake the following mutually beneficial collaborative initiatives.

Role of WWF-Pakistan

WWF-Pakistan within its territorial jurisdiction, agrees to:

1. Collaborate with CCC-SBBWUP on conducting ecological baseline assessments and research studies to further build knowledge of natural resource conservation and management
2. Extend opportunities of collaboration in issues related to environmental protection and natural resource management especially pertaining to wildlife, forests, freshwater, climate and energy and food and oceans
3. Jointly initiate policy level advocacy, field interventions and explore possibility to develop and conduct studies conducted for ensuring environmental conservation with the cooperation of CCC-SBBWUP
4. Extend its GIS Lab facilities for mapping of fieldwork and analysis on the areas of mutual research.
5. Offer training workshops for capacity building of CCC-SBBWUP faculty, researchers, and students of Environmental and Biological Sciences.
6. Provide internship opportunities to the students of CCC-SBBWUP who wish to conduct research on a relevant topic on the Western Himalaya eco-region and its associated natural resources. Further, offer Eco-internship Programme for the students of CCC-SBBWUP through our YDP (Youth Development Programme) Team.
7. Provide CCC-SBBWUP access to its resource materials (current and previous publications) for factual and authentic information and also to the image bank i.e. photographs, movies, images and maps etc.
8. Provide support to visiting faculty to WWF – Pakistan's programme sites for research and/or teaching purposes.
9. Engage Ph. D scholars in WWF-Pakistan's long term programmes for scientific data collection and analysis on different aspects of the programmes
10. Involve CCC-SBBWUP students in environmental activities (especially related to waste cleanup drives, plantation, awareness raising etc.)

11. Participate actively in media house programmes related to environmental awareness
12. Collaborate in the field of maritime policy research including in fisheries and conservation of marine animals
13. Devise draft policies for conservation and exploitation of marine resources for consideration of the government
14. Suggest Government to undertake steps necessary for conservation and protection of marine habitat and improve livelihood of coastal communities.

Role of the Climate Change Cell, Shaheed Benazir Bhutto Women University, Peshawar

CCC-SBBWUP, within its territorial jurisdiction agrees to:

1. Collaborate with WWF-Pakistan to leverage support from across different academic departments and research centers of CCC-SBBWUP in research projects of mutual interest including environment, wildlife, forestry, food and agriculture, climate change (adaptation & mitigation), freshwater sustainability and other programmes.
2. Incorporate research topics about the issues related to forest, wildlife & pasture / rangelands resources, climate change and food security in their research plans;
3. Provide the WWF - Pakistan access to its resource material both print and electronic including but not limited to the scientific journals, research papers etc.;
4. Offer training workshops for the capacity-building of WWF-Pakistan staff on mutually agreed thematic areas.
5. Develop joint research projects in collaboration with WWF-Pakistan and with participation of selected researchers from both institutions.
6. Collaborate on upcoming research, joint policy papers for dissemination to environment planners and policy makers, conferences and visits for field studies, among others
7. Facilitate WWF-Pakistan's Communications, Corporate Partnership and Fundraising Departments for developing communication material, environment education initiatives and for fundraising activities through student's engagement programme i.e. Eco-internship Programme. In this case, CCC-SBBWUP will register a minimum of 100 students per annum for Eco-Internship Programme.
8. Provide support on other relevant research agenda of mutual interest to both parties.

WWF-Pakistan and CCC-SBBWUP agree to:

- Nominate 'focal persons' for regular interactions concerning the implementation of this MOU;
- Facilitate each other in engaging local and foreign universities for long-term collaboration that benefit students and faculty;
- Further develop terms of partnership for specific activities that involve financial implications and specific responsibilities;
- Collaborate in research and information sharing regarding conservation and natural resource management subjects especially those about environmental protection, forests and wildlife management and development of agricultural resources.

Under this agreement various Faculties, Departments, Centers and Units of partner institutions will be able to collaborate in areas that will be of mutual benefit.

FINANCIAL OBLIGATIONS

There will be no financial obligations between the two parties under this MOU. This Memorandum of Understanding is based on mutual consent and agreement of cooperation. However in future, if any research or project opportunities may arise, WWF-Pakistan and CCC-SBBWUP can mutually deliver the services bearing any necessary financial obligations attached to it, partner for projects or jointly submit the proposals to the national and international donors.

DURATION, VALIDITY AND AMENDMENT OF MOU

- a) This MOU shall become effective on the date that it is signed by both parties and shall be valid until 31st December 2022. However, this duration may be amended by mutual consent of both the Parties in writing and is extendable, based on successful completion and achievement of targets.
- b) This MOU may not be modified, amended, altered or supplemented, except upon the execution and delivery of a written consent of both the parties hereto.
- c) This MOU may be terminated by either party at any time provided that the party who wishes to terminate gives written notice of its intention at least three months prior to termination.
- d) Nothing in the above MOU shall be construed as legally binding.

CONFIDENTIALITY

Both parties agree to maintain in confidence and not disclose, reproduce, copy any materials, documentation or specification which are provided by one partner to the other partner under this MOU with the request to maintain confidentiality.

INTELLECTUAL PROPERTY RIGHTS, RESULTS AND PUBLICATIONS

All intellectual property brought by each party to the relationship under this MOU remains in the ownership of that party. The reproduction of reports would require prior permission of both parties.

Qualification for authorship or inventor-ship shall be in keeping with generally accepted criteria. The order of authorship / inventor-ship shall be a joint decision of the co-authors or co-inventors in any co-authored publication or co-invented invention. Each author or inventor, as the case maybe, shall have participated sufficiently in the work to take public responsibility for the content or invention.

For the purpose of this MOU, "Intellectual Property" means all rights in relation to inventions (including patents), registered and unregistered trademarks (including service marks), copyright, circuit layouts, registrable designs, registrable plant varieties, processes, know-how and confidential information in the industrial, scientific and artistic fields including application or right to apply for registration of any of those rights.

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Neither party shall use directly or by implication the names or trademark or any other identity of the other party, nor any of the other party's affiliates or contractors, nor any abbreviations thereof, or of any staff member, faculty member, student, or employee of the other party in connection with any products, publicity, promotion, financing, advertising, or other public disclosure without the prior written permission of the other party.

RELATIONSHIP OF PARTIES

1. Nothing in this Agreement shall be deemed or construed by the Parties or any third Person as creating the relationship of principal and agent, partnership or joint venture between the Parties, it

being understood and agreed that no provision contained herein, and no act of the Parties, shall be deemed to create any relationship between the Parties other than the relationship set forth herein.

2. No Party shall incur any debts or make any commitments for the other, except to the extent, if at all, specifically provided herein.

SETTLEMENT OF DISPUTES AND ARBITRATION

1. The Parties shall use their best efforts to settle amicably any dispute, controversy or claim arising out of this MOU or the breach, termination or invalidity thereof. Where the parties wish to seek such an amicable settlement through conciliation, the conciliation shall take place at the level of the Director General WWF-Pakistan and Vice Chancellor SBBWUP or their nominees within a time frame of three (3) months after the dispute or controversy arises or such extended date as the parties may mutually agree to in writing.
2. Any dispute, controversy or claim arising out of or relating to this MOU, or the breach, termination or invalidity thereof, which has not been successfully resolved by conciliation in accordance with Clause 9.1, shall be settled by arbitration in accordance with the Pakistan Arbitration Act, 1940, subject to the exclusive jurisdiction of the Courts of Lahore and Peshawar. The arbitration shall be conducted by three (3) arbitrators whose award shall be by majority and the Parties agree to be finally bound by such award.
3. One (1) arbitrator shall be appointed by each of the Parties and the third arbitrator shall be appointed by the two (2) arbitrators so appointed. The language of the arbitral proceeding shall be English. The place of arbitration shall be Lahore, Peshawar, Pakistan.

SEVERABILITY

In the event that any provision of this MOU is held to be unenforceable in any respect, such unenforceability shall not affect the enforceability of any other provision of this MOU.

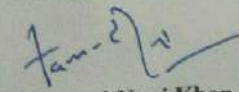
PUBLIC STATEMENTS

The parties acknowledge the merits of positive publicity but they recognize that neither party should make any press announcements or public statement about the proposals in this MOU, which have not been agreed in advance by the other party.

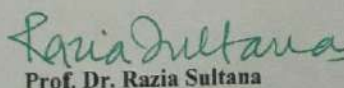
This MOU shall be in effect upon the signature of WWF-Pakistan and CCC-SBBWUP authorized officials. It shall be in force from 30 day of December, 2019.

IN WITNESS WHEREOF, the undersigned, being duly authorized by their respective organizations, sign this MOU on the date as above written in the presence of the below witnesses.

For and on behalf of WWF-Pakistan


Hammad Naqi Khan
Director General
WWF-Pakistan
Lahore

For and on behalf of CCC-SBBWUP


Prof. Dr. Razia Sultana
Vice Chancellor
Shaheed Benazir Bhutto Women University,
Peshawar

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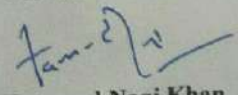
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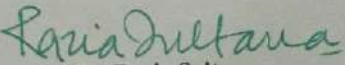
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Hammad Naqi Khan
Director General
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For and on behalf of CCC-SBBWUP


Prof. Dr. Razia Sultana
Vice Chancellor
Shaheed Benazir Bhutto Women University,
Peshawar

WITNESSES

Witness No. 1

Name: Syed Kamran Hussain
Designation: Manager WWF-Pak
CNIC: 17301-1434932-9
Address: WWF-P, Peshawar

Witness No. 2

Name: Dr. Sadaf Bashir
Designation: Assistant Professor
CNIC: 17301-8917410-2
Address: Dept. of Political Science,
Climate Change Cell,
SBBWU Peshawar.