

**1st International Conference on
Climate Change and Biodiversity (IC³B)
(Challenges & Prospects)
THE ISLAMIA UNIVERSITY OF
BAHAWALPUR, PAKISTAN
(MAY 02-04, 2017)**



Organized by

**Cholistan Institute of Desert Studies (CIDS),
THE ISLAMIA UNIVERSITY OF BAHAWALPUR,
BAHAWALPUR-63100, PAKISTAN**



INVITATION

It gives me an immense pleasure to invite you to participate in the **1st International Conference on Climate Change and Biodiversity** being held in The Islamia University of Bahawalpur (IUB), Pakistan, during MAY 02-04, 2017. Over 300 eminent scientists and researchers from all over the world are expected to participate in this important international event in the field of

- **Challenges to conserve biodiversity**
- **Climate change risks for humanity**
- **Restoration of ecosystems**
- **Climate and Agriculture**
- **Climate change impacts & adaptability**
- **Natural resource conservation**
- **Forest and Rangelands management**
- **Anthropogenic impacts on environment**
- **Wildlife management**
- **Conservation farming**
- **Causes and mitigation of climate change**
- **Arid land management**
- **Policies and framework for biodiversity**

Pakistan is a fascinating country, full of vitality, cultural diversity, enriched natural beauty and culinary delights. We hope the dynamic and magical spirit of Bahawalpur City will be conducive to provide a milieu, stimulating exchange of scientific knowledge among scientists. This meeting is expected to foster stronger research ties between the scientists representing different institutions, countries and regions. On behalf of the Organizing Committee, I wish you all a very warm welcome to Bahawalpur in May 2017.

PROF. DR. QAISAR MUSHTAQ
Patron-in-Chief (Vice Chancellor)
The Islamia University of Bahawalpur
Bahawalpur-63100, Pakistan

VENUE

The conference will be held at the beautiful Baghdad-ul-Jadeed (BJ) Campus of the IUB which is located at about 15 minute drive from the Sheikh Rashid International Airport and about 10 minutes from the Bahawalpur city. Bank, post office, stores, restaurants and travel agencies are also located within short distances of the BJ Campus. Shuttle service after every half an hour is freely available to the campus residents and the participants of an event staying in campus, to take them to various parts

of the city including shopping centres and other attractions.

SCOPE

Many studies in recent years have investigated the effects of climate change on the future of biodiversity. As climate change influences mediating drivers, the attributes that make certain places conducive to species flourishing (critical habitat) will change, and in some cases disappear. A key area of future research is to improve our capacity for forecasting species responses to changing climate, longstanding scientific challenge of understanding when a given species will become invasive in a given context. The impacts of climate change pose fundamental challenges for current approaches to biodiversity conservation. The effects of global climate change on biodiversity and its different levels of response are still insufficiently well developed. Mitigation and adaptation strategies are crucial key challenges to respond to climate change for future research both in theoretical and applied realms.

This conference will provide a brief overview of a current suite of proposed adaptation approaches (i.e. afforestation and reforestation, conserving carbon stores, restoring grasslands, improving ecosystem services, investing in alternative energy, new partnerships to address biodiversity and climate change, maintaining and restoring native ecosystems, adaptation in agricultural landscapes, adopting indigenous knowledge to adapt to climate change, agriculture and food security, sustainable land management and water services), and identify some future challenges and key issues to be resolved. Finally, this conference will highlight several solutions to overcome different challenges of climate change and biodiversity protection.

REGISTRATION

The registration fee includes entry to scientific lectures, poster sessions, exhibition, full set of abstracts, a copy of the conference program, daily refreshments (tea/coffee, lunch and dinner), conference banquet, cultural evening, welcome mixer and free transportation from hotels/guest houses to the venue. Accompanying persons can attend welcome mixer, conference banquet and cultural/musical evening programs. However, an early bird

registration is recommended. Although a limited desk registration will be available, accommodation and entry to social events is not guaranteed. A special tour of some historical monuments situated in Bahawalpur and the nearby Cholistan Desert will be organized on payment basis.

FOREIGN PARTICIPANTS		
Registration Fees	Before April 10, 2017 (US \$)	After April 10, 2017 (US \$)
Private Organizations	200	250
Academic Faculty	100	150
Students	50	75
Accompanying Person	100	150
PAKISTANI PARTICIPANTS		
Registration Fees	Before April 10, 2017 (Rs.)	After April 10, 2017 (Rs.)
Private Organizations	2000	2500
Academic Faculty	1500	2000
Students	1000	1200
Accompanying Person	1500	2000
DEADLINE TO MEET		
Conference Date	MAY 02-04, 2017	
Advance Registration	April 10, 2017	
Accommodation Request	April 10, 2017	
Abstracts (Oral & Poster)	April 10, 2017	

VISA

International participants are requested to apply for a visa to the nearest Embassy or High Commission of Pakistan. Participant from countries with no Pakistani diplomatic mission should also write to the Secretariat at least two months in advance. A formal invitation letter would be required from the Organizing Secretary for this purpose.

ACCOMMODATION

All Foreign Speakers will be accommodated in fully furnished IUB Guest houses. Hotel

reservations can be made at request. Participants/students from Pakistan can reserve their accommodation from the hotels/guest houses/hostels in advance, on self-payment basis. Complementary transportation will be provided to all participants during the Conference.

ABSTRACT & POSTER SUBMISSION

Authors are invited to submit their abstract and posters via email to abdullahfrw@iub.edu.pk. Submission deadline is 30 March 2017.

PAKISTAN'S BASIC FACTS

Area (sq. km)	803943
Population	180 million
Capital	Islamabad
Provinces	Capital Cities
Khyber Pakhtunkhwa (KPK)	Peshawar
Punjab	Lahore
Sindh	Karachi
Baluchistan	Quetta
Gilgit Baltistan	Gilgit
Azad Jammu & Kashmir	Muzaffarabad

LANGUAGES

National Language is Urdu. English is widely used in correspondence and communication. Punjabi, Siraiki, Sindhi, Pashtu and Baluchi are the principal regional languages.

WEATHER

Bahawalpur is usually warm in May. Days are bright and warm (30-35°C) while nights are pleasant with average temperature ranging from 20-25°C.

PAKISTAN STANDARD TIME (PST)

GMT + 5 hours

TOUR AND SIGHTSEEING TRIPS

Several tours and sightseeing trips are to be arranged for the conference participants and accompanying persons on payment basis. This program covers guided tours to Bahawalpur City, Historical palaces, Fort Derawar, Cholistan Desert and Lal Sohanra National Park.

SCIENTIFIC PROGRAM

The program will consist of keynote lectures, plenary lectures, session lectures and poster presentations. Each session will address a theme topic within the area. Special events will be arranged to ensure a lively interaction among scientists.

ORGANIZING COMMITTEE

Patron in Chief

Prof. Dr. Qaisar Mushtaq
Vice Chancellor, The Islamia University of Bahawalpur Pakistan

General co-Chair

Prof. Dr. M. Asghar Hashmi
Dean Faculty of Science, The Islamia University of Bahawalpur Pakistan

Chief Organizer

Prof. Dr. Shazia Anjum
Director, Cholistan Institute of Desert Studies (CIDS) Pakistan
E-mail: shazia.anjum@iub.edu.pk

Conference Secretary

Dr. Muhammad Abdullah
Assistant Professor/Senior Research Officer, Cholistan Institute of Desert Studies (CIDS) Pakistan
Email: abdullahfrw@iub.edu.pk
Contact No. +92 3226228229

Conference Organizing Committee

Mr. Imtiaz Ahmad
Dr. Pia Muhammad Adnan Ramzani
Dr. Zahoor Ahmad
Dr. Hafiz Tassarwar Abbas
Dr. Mubashir Manzoor
Dr. Raheel Atif hameed
Dr. Muhammad Ahsan
Dr. Muhammad Zahid Ihsan
Dr. Muhammad Naeem
Dr. Muhammad Aleem Ashraf