

# International Conference on **Lakes & Wetlands**

14<sup>th</sup> - 16<sup>th</sup> February 2014, BHOPAL - INDIA



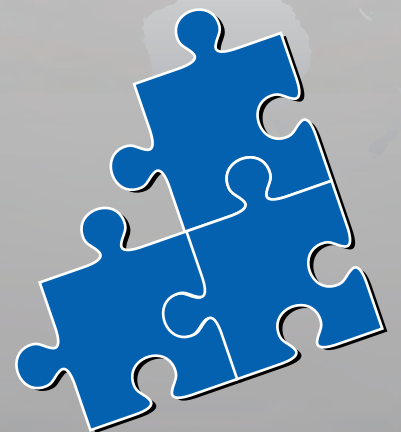
Organized by  
**Government of Madhya Pradesh**  
Department of Housing & Environment  
Environmental Planning & Coordination Organization  
State Knowledge Management Centre on Climate Change  
BHOPAL, Madhya Pradesh, INDIA

Supported By



<b>MoEF</b>	Ministry of Environment and Forests, Government of India
<b>UNDP</b>	United Nations Development Programme, India
<b>UNESCO</b>	United Nations Educational, Scientific and Cultural Organization, India
<b>IUCN</b>	International Union for Conservation of Nature, India
<b>ILEC</b>	International Lake Environment Committee, Japan
<b>WI-SA</b>	Wetland International - South Asia, India
<b>IHS</b>	Institute for Housing and Urban Development Studies, Netherlands
<b>IIFM</b>	Indian Institute of Forest Management, Bhopal

# Knowledge Partners



## Introduction

Reverence for water and their conservation is an age-old practice in India. Former rulers have contributed significantly by constructing large number of impoundments for providing drinking water to the people in their capitals and elsewhere. This was particularly necessary in arid, semi arid and other regions with highly erratic rainfall.

Despite such rich tradition of living in harmony with lakes and rivers, these natural resources are under tremendous pressure. Upper Lake of Bhopal, arguably the oldest among the large man-made lakes in central part of India, falls under the category. By constructing an earthen dam across the Kolans, a rain-fed tributary of Betwa River, this Lake was created in the early 11<sup>th</sup> century AD by King Bhoj, the ruler of Dhar.

## About the Conference

Given the historical, archaeological and ecological significance of Bhoj Wet Land, the government of Madhya Pradesh is organizing an international conference to showcase the efforts made by various agencies to conserve Bhoj Wetland. Efforts are being made to invite not only scientists, but also policy makers, people's representatives, resource managers and catchment stakeholders to the conference. The interactions among this diverse audience will result in a wider discussion, with the goal to connect upstream perspective with downstream approach to solve the issues related to lakes and wetlands' catchment.

## Conference Objectives

The objective of this conference is to bring together experts associated with wetland and lake conservation and their habitats, with the underlying goal of establishing a basis for developing multidisciplinary solutions to multidisciplinary issues. The conference is conceived as an opportunity for expression of cross-sectoral concerns wherein experts from academia, government, international donor agencies, civil society, practitioners, public and private enterprises will exchange their experiences on how to optimize wise use and sustainable management of wetlands, lakes and their basins. Also it will provide an opportunity to learn from the varied and rich experiences of international community to evolve an effective strategy to maintain ecological integrity and ensure wise use of Bhoj Wetland.

## Events and Activities

The conference includes inaugural sessions, thematic keynote address by experts of national and international repute, technical sessions (oral presentations), field trips and excursion visits. The thematic structure of the conference is proposed as follows.

- Inaugural Session
- Special Thematic Sessions
- Technical Sessions for paper presentations
- Field visit of Bhoj Wetland ( A Ramsar Site )
- Excursions to UNESCO Heritage sites Sanchi Monuments or Bhimbetka rock shelter paintings



## Conference Themes

### 1. Ecology and Science of Lakes & Wetlands

- Lake Ecosystem and biodiversity conservation
- Urban and agricultural water usage
- Water usage for Fisheries, Recreational and Industrial purposes
- Eutrophication, nutrient loads and dynamics of wetlands
- Producers / Consumers and Harmful algal booms
- Pollution control and Bio - monitoring
- Recent trends in wetland monitoring
- Remote sensing, GIS and Mapping, Modelling of Lakes



### 2. Lakes & Wetlands - Conservation and Management

- National policy framework
- Perspective from Sub - National levels
- Policy and Regulatory aspects of Wetland Management
- Payment for ecosystem services - Examples in wetland conservation

### 3. Climate Change and Lakes & Wetlands

- Impacts of climate change on aquatic ecosystem
- Impacts of climate change on Socioeconomics and livelihoods
- Lakes & Wetlands - Climate Change Mitigation and Adaptation strategies

### 4. Lakes & Wetlands of Madhya Pradesh

- Bhoj Wetland - Past, Present and Future
- Policy environment for Conservation of Lakes & Wetlands
- Case Studies of other important Lakes & Wetlands of MP

### 5. Wetlands and Agriculture - Opportunities and Limitations

- Wetland and agriculture practices - Understanding intrinsic relationship
- Wetlands , Agricultural practices and Food security
- Alternative models for livelihoods in catchments

### 6. Lakes & Wetlands - Human Connections

- Socio - cultural, artistic and archaeological aspects and impacts
- Religious / spiritual aspects and impacts
- Ecotourism
- Education and public awareness



# Conference Schedule

9.00 AM	Registration
9.30 AM	Inaugural Session- Floral Welcome of Guest and Dignitaries Welcome speech Conference background and Keynote address Address of the Chief Guest Vote of thanks
11.00 AM	High Tea
11.30 AM	<b>Thematic Session 1: Ecology and Science of Lakes &amp; Wetlands</b> Keynote address by the Session Chair - Followed by paper presentations
1.30 PM	Lunch
2.30 PM	<b>Thematic Session 2: Lakes &amp; Wetlands - Conservation and Management</b> Keynote address by the Session Chair - Followed by paper presentations
4.00 PM	Tea
4.15 PM	<b>Thematic Session 3: Climate Change and Lakes &amp; Wetlands</b> Keynote address by the session Chair - Followed by paper presentations
5.30 PM	Closing Remarks and Conference related announcement
7.00 PM	Conference Reception and Dinner

Day  
1

14<sup>th</sup> Feb 2014

7.00 AM	Guided tour of Bhoj Wetland (Optional) Arrival at the conference venue by 10.30 AM
10.30 AM	<b>Thematic Session 4: Lakes &amp; Wetlands of Madhya Pradesh</b> Keynote address by the session Chair - Followed by paper presentations
1.00 PM	Lunch
2.00 PM	<b>Thematic Session 5: Wetlands and Agriculture: Opportunities &amp; Limitations</b> Keynote address by the session Chair - Followed by paper presentations
3.30 PM	Tea
4.00 PM	<b>Thematic Session 6: Lakes &amp; Wetlands - Human Connections</b> Keynote address by the session Chair - Followed by paper presentations
5.30 PM	Closing Remarks and Conference related information

Day  
2

15<sup>th</sup> Feb 2014

8.00 AM	Excursion to Sanchi and / or Bhimbetka (UNESCO Heritage Sites) for invited Speakers and Delegates
2.00 PM	Lunch and Departures

Day  
3

16<sup>th</sup> Feb 2014

## Conference Registration

First Name :

Last Name :

Title :

Nationality :

Nation of Residence :

Organization :

Address of the Organization :

Phone Number :

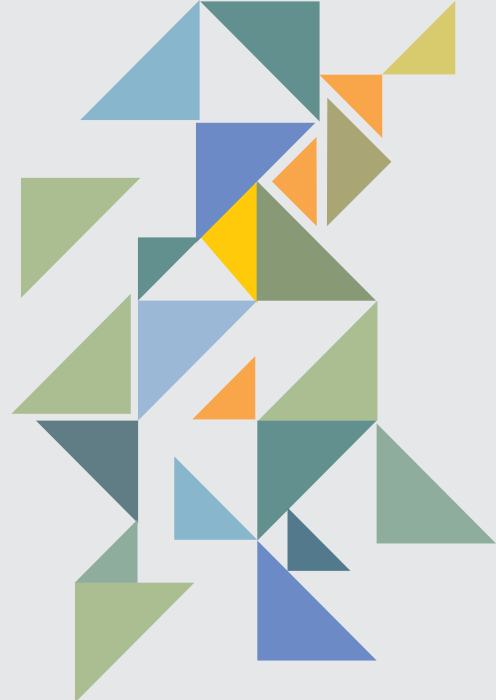
Fax Number :

Mobile Number :

E-mail :

Do you need an official invitation letter for Visa Processing?

If yes, please send your complete passport details



Research papers are invited on the conference themes from eminent research scholars, subject experts/practitioners and policy makers. Organizers will consider Travel Re-imbusement for presenters, as follows, only if their paper is accepted by the Academic Committee for presentation in the conference:

- International Participants contributing papers or invited as keynote speakers: Air fare, Local Hospitality and \$500 (Equivalent in INR)
- National participants contributing papers - Travel grant + Rs. 10000/- for Research papers accepted.
- Research scholar working on the subject and wish to make Poster presentation, will be entitled for train travel AC2/AC3 and Rs. 1000/- as honorarium.
- Students/Research scholars will be accommodated suitably.

Are you presenting a paper? If Yes, mention the following details:

- Title of your paper
- Indicate the thematic session in which you intend to present your paper

**There is no registration fee, however, participation in the conference is by invitation only. To receive invitations please register at the home page of the EPCO's website [www.epco.in](http://www.epco.in)**

Last date for submission of abstract is 30<sup>th</sup> January 2014 and

Last date for submission of full paper is 5<sup>th</sup> February 2014.



## Bhopal City

Imagine a place where citizens feel happy when lakes are full of water and feel sad if water level recedes.....Yes it is Bhopal....rightly referred as City of Lakes. Bhopal, which lies in the middle of India, is a delightful provincial town that retains much of the unhurried pace and charm that many Indian cities have lost. Bhopal, one of the most beautiful metro and the capital city of the third largest State of India, is assuming great eminence among the national cities of the country.

The 285 square kilometers of undulating landscape of Bhopal, well punctuated with water bodies lies in a hilly terrain, which slopes towards north and south-east. Hillocks of different altitudes are situated along the south-west and north-west portions of the city. The remarkable topography of the city provides enchanting and panoramic views of the city and its natural scenic beauty.

Bhopal city is bestowed with 18 water bodies of diverse sizes, located in and around the city. Some irrigation reservoirs were earlier on the outskirts of city but have now become an integral part of the city due to expansion of city in all the directions.

**Climate** - Bhopal has moderate climatic conditions. It is quite pleasant in winter season. Winter starts from November and lasts until February. The minimum temperature in February is about  $10^{\circ}$  C, and the maximum temperature rises to  $24.5^{\circ}$  C.

**How to reach** - Bhopal is located in the heart of the country. It is well connected by Air with New Delhi, Mumbai, Hyderabad, Chennai and Ahmedabad. It is also very well connected by Railways with all the major cities of the country.



## Organizing Committee

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**Principal Secretary**, Biodiversity Department, GoMP

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**Dr. Ritesh Kumar**, Wetland International - South Asia, New Delhi

**Mr. Amit Anand**, MP Program, UNDP India, Bhopal

**Coordinator**, International Conference on Lakes & Wetlands

## Academic Committee

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**Dr. PC Kotwal**, Ex. Professor, IIFM, Bhopal

**Dr. Ashwani Wanganeo**, HOD Department of Environmental Sciences and Limnology, BU, Bhopal

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**Dr. Ritesh Kumar**, Wetland International - South Asia, New Delhi

**Ms. Mansee Bal**, IHS, Netherlands

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**Dr. U M Shukla**, Senior Research Officer, EPCO

**Coordinator**, International Conference on Lakes & Wetlands

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**Mr. Pradeep Sharma**, Economic Planner, EPCO, Bhopal

**Mr. Manohar Patil**, Asstt. Engineer, EPCO, Bhopal

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**Mr. A.K. Das**, Accounts Officer, EPCO, Bhopal

**Mr. Shafa Mawal**, Modeller, EPCO, Bhopal

**Conference Coordinator**, EPCO, Bhopal

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