

<https://ibcddn2018.co.in>

BIODIVERSITY  
FOR ECOLOGICAL  
CIVILIZATION

वसुधैव कुटुम्बकम् The Earth Community

4-6<sup>th</sup>  
October  
2018

# INTERNATIONAL BIODIVERSITY CONGRESS (IBC 2018)



Venue: **FOREST RESEARCH INSTITUTE (FRI)**  
DEHRADUN, INDIA

Organisers





## CONTEXT AND RATIONALE

In 1992 the international community committed itself to the Convention on Biological Diversity (CBD), the UN General Assembly declared the period 2011-2020 as “United Nations Decade on Biodiversity” to promote the implementation of a strategic plan on biodiversity and its overall vision of living in harmony with nature. It is also a period in which the governments have to take concerted efforts to achieve “Aichi Target” or the 2011-2020 Strategic Plan of the Convention on Biological Diversity (CBD) for addressing the underlying causes of biodiversity loss, reduce the pressures on biodiversity, safeguard biodiversity at all levels, enhance the benefits provided by biodiversity. The importance of biodiversity and ecosystems is also reflected in many of the United Nations Sustainable Development Goals (SDGs) and targets.

In the Anthropocene, however, the trends of habitat loss, over exploitation, invasive alien species, pollution and climate change coupled with the ever-growing demand of bio resources continue to threaten the functioning of our life-sustaining biosphere. As the very functioning of life in the planet centers around biodiversity and the ecosystem services and livelihood security offered by it, the loss and destabilisation of the web of life hurt us in multiple ways.

Living in harmony with nature has been an integral part of Indian culture. This has been abundantly reflected in a variety of traditional practices, religious beliefs, rituals, folklore, arts and crafts, and in the daily lives of the Indian. Our cultural identity is deeply rooted in our biological environment. Therefore, this era demands collective action, from global to national to local levels towards biodiversity conservation and education, deeply rooted in our ecological civilizations, with a strong philosophical thinking on conservation. The concept of “Vasudhaiva Kutumbakam” inscribed in Maha Upanishad, which means ‘the world is one family’, is essentially the Indian philosophy towards living in harmony with

every living being in the planet, and an appeal towards undertaking a transformation from industrial civilization to biodiversity civilization, a human civilization strongly rooted in biodiversity consciousness.

In this context, the International Biodiversity Congress (IBC 2018) is being organised as a joint initiative of Navdanya, Centre for Innovation in Science and Social Action (CISSA), Indian Council of Forestry Research and Education (ICFRE), Forest Research Institute (FRI), Wildlife Institute of India (WII), Uttarakhand Biodiversity Board and Uttarakhand Council for Science and Technology, with the support of various international and national governmental and non-governmental organisations. The IBC 2018 will be held at Forest Research Institute, Dehradun from 4th to 6th October 2018. IBC 2018 is organised in Dehradun, the capital city of the Himalayan state Uttarakhand, where ecology is highly synonymous with the cultural practices. Further, IBC is being organised during the Wildlife Week (2-8 October) celebrations in India, starting with Gandhi Jayanti, the birthday of Mohandas Karamchand Gandhi, who always propagated the idea of Vasudhaiva Kutumbakam.

## OBJECTIVES

- To facilitate a shift towards ecological civilization that value, cherish and conserve biodiversity to achieve sustainable development goals, both at national and international platforms.
- To strengthen capacity and to promote networking in order to popularise the philosophy of biodiversity for ecological civilization.
- To provide an interdisciplinary platform on matters related to the status, conservation and sustainable utilization of biodiversity.
- To showcase the rich biodiversity heritage of the planet and the linkage between biodiversity, economy, ecosystem services, aesthetics, and cultural evolution.

## PROGRAMMES

IBC-2018 includes a wide array of programmes including International Seminar, Exhibition, Women Biodiversity Congress (WBC), Youth Biodiversity Congress (YBC), Civil Society Meet, Workshops, National Photography Exhibition, and Documentary Film Festival, besides a series of satellite and side events and post-conference biodiversity tours.

## MAJOR THEME

### “Biodiversity for Ecological Civilization: Vasudhaiva Kutumbakam”

(Major theme will have only invited presentations)

‘Vasudhaiva Kutumbakam’ which means ‘The Earth Community’, inscribed in Maha Upanishad, is essentially the Indian philosophy towards living in harmony with every living being in the planet, and an appeal towards undertaking a transformation from industrial civilization to biodiversity civilization, a human civilization strongly rooted in biodiversity consciousness.

## THEMES

### ■ LEGAL FRAMEWORK FOR PROTECTING BIODIVERSITY

- ❖ Biodiversity Laws and policies for conservation
- ❖ Convention on Biological Diversity and Biological Diversity Act
- ❖ Cartagena Protocol
- ❖ Nagoya Protocol
- ❖ National Biodiversity Act
- ❖ Trade, Biopiracy and Patents

### ■ BIODIVERSITY CRISIS

- ❖ Habitat loss and biodiversity
- ❖ Biodiversity loss and ethnic conflicts
- ❖ Biodiversity loss and human displacement
- ❖ Biodiversity loss and water crisis
- ❖ Pollution and biodiversity
- ❖ Globalisation and biodiversity

### ■ BIODIVERSITY OF FOREST, WILD LIFE AND ECOSYSTEM SERVICES

- ❖ Biodiversity on land and terrestrial ecosystems
- ❖ Biodiversity below water in marine and fresh water ecosystems
- ❖ Biodiversity loss and desertification

- ❖ Invasive alien species and biodiversity
- ❖ Biodiversity of agriculture system
- ❖ Biodiversity and ecosystem services
- ❖ Biodiversity of Insects and Pollinators
- ❖ Integrative Taxonomy and Conservation
- ❖ Grassroot level interventions

### ■ BIODIVERSITY FOR FOOD, NUTRITION AND HEALTH

- ❖ Agrobiodiversity and Agroecology
- ❖ Biodiversity for nutrition and food security
- ❖ Nutrition-sensitive agriculture
- ❖ Medicinal plant Diversity
- ❖ Biodiversity and human health
- ❖ Indigenous Health systems
- ❖ Biodiversity in our Gut Microbiome

### ■ BIODIVERSITY, CLIMATE CHANGE AND PLANETARY HEALTH

- ❖ Biodiversity and planetary Boundary
- ❖ Impact of Climate Change on Biodiversity
- ❖ Biodiversity for mitigation and adaptation to climate change
- ❖ Regenerative Agriculture and Climate mitigation
- ❖ Soil Biodiversity and Climate Change
- ❖ Biodiverse Organic Farming for Climate Resilience

### ■ BIODIVERSITY AND KNOWLEDGE SYSTEMS

- ❖ Biodiversity, traditional knowledge and culture
- ❖ Mainstreaming biodiversity
- ❖ Education for biodiversity conservation
- ❖ Biodiversity, Women and traditional knowledge
- ❖ Biopiracy and Knowledge Degradation
- ❖ Bioprospecting for sustainable and equitable use
- ❖ Biodiversity and benefit sharing
- ❖ Biodiversity Informatics

## PARTICIPATION

Members of Academic and Research Community, Civil Society, Community Members, Planners, Policy Makers, Students, Corporates etc.

## CALL FOR PAPERS

Participants of IBC 2018 are requested to contribute papers for oral/poster presentations on areas pertaining to Congress themes.

For details visit our website <https://ibcddn2018.co.in>



## REGISTRATION

Registration Category	On or before July 31, 2018	After July 31, 2018
International Participant (Europe, USA, Japan and Australia)	USD 500	USD 600
International Participant (Latin America, Africa and Asia)	USD 250	USD 300
International Students (Europe, USA, Japan and Australia)	USD 200	USD 250
International Students (Latin America, Africa and Asia)	USD 100	USD 150
Indian participant	Rs. 5000	Rs. 6000
Indian student	Rs. 2000	Rs. 2500
Members from civil society	Rs. 3000	Rs. 5000

Additional bank charges will be levied on online payments

GST Extra

## ACCOUNT DETAILS

### For Indian Delegates and Students

Name and address of the Bank:

**Canara Bank**, A-9 DDA Shopping Complex, Defence Colony Lajpat  
Nagar Main, New Delhi- 110024

Account Holder: **Navdanya Trust - IBC 2018**

Account Number: **0341101104592**

IFSC Code: **CNRB 0000341**

### For Foreign delegates and Students

Account Holder: **Navdanya Trust**

FC Bank Account Number: **0341101066629**

Swift Code: **CNRBIN BBDFS**

Branch MICR Code: **110015020**

IFS Code No.: **CNRB0000341**

RTGS / NEFT Code: **CNRB0000341**

## IMPORTANT DATES

ABSTRACT SUBMISSION	ACCEPTANCE OF ABSTRACT	EARLY BIRD REGISTRATION
<b>June 30, 2018</b>	<b>July 30, 2018</b>	<b>August 15, 2018</b>

### CONGRESS SECRETARIAT

IBC Secretariat, **Centre for Innovation in Science and Social Action (CISSA)**

T.C. 15/510, USRA -55, Udarasiromani Road, Vellayambalam, Thiruvananthapuram - 695010, Kerala, India

Tele/fax: +91 471 2722151, Email: [biodiversitycongress@gmail.com](mailto:biodiversitycongress@gmail.com)

### IBC ORGANISING COMMITTEE OFFICE

**Navdanya Biodiversity Conservation and Organic Farm**

Village Ramgarh/ Sheeshambara, Old Shimla Road, P.O. Sherpur, Pin - 248197, Dehradun, Uttarakhand, India

Telefax: 0135-2693025 | Email: [ibcddn2018@gmail.com](mailto:ibcddn2018@gmail.com)

### FOR DETAILS CONTACT

**Dr. Vinod Kumar Bhatt** | Email: [ibcddn2018@gmail.com](mailto:ibcddn2018@gmail.com)

**Dr. A. Biju Kumar** | Email: [biodiversitycongress@gmail.com](mailto:biodiversitycongress@gmail.com)

# OTHER EVENTS

## ORIGINS: THE INTERNATIONAL BIODIVERSITY EXPO

The International Biodiversity Expo to be held in conjunction with IBC 2018, is an attempt to bring together the government and non-government organisations, academic and R&D organisations, communities and business groups to showcase the rich heritage, wisdom and potentials of the biodiversity, both at global and national levels. The Origins will highlight how everything we depend on has its origins in biodiversity and will demonstrate the linkages of biodiversity to livelihood and culture. It will also demonstrate how the government and communities are working to ensure its conservation and sustainable use now and in the future. In particular, the exhibition explores the multiple aspects of biodiversity contributing to human well-being and describes the direct and indirect factors contributing to biodiversity loss. The exhibition will also highlight the products and geographical indicators in the country related to biodiversity.

**Focal Theme:** Biodiversity and livelihoods

### Sub Themes

- State biodiversity profiles- Exhibition on Biodiversity of various States of India (State Biodiversity Boards, forest, environment, tourism departments, etc).
- Variety of life- Show case of floral and faunal diversity of India- live exhibits and panel exhibition.
- Climate resilient crop varieties and food systems.
- Artisanal Products, biodiversity ensuring livelihood of tribal and crafts people, non-timbre forest produce, medicinal plants, etc.

- Biodiversity of fibres & textiles

### Special pavilions

- Medicinal plant diversity, livelihood & health care
- Plants of Charak Samhita
- Agrobiodiversity of India
- Indigenous cattle diversity
- Jack fruit and other underutilised fruits
- Ecosystem diversity- Panel exhibition on the ecosystem diversity of India.
- Living on the edge- Exhibits of Rare, Endangered and Threatened Species.
- Invasion- Exhibition on Invasive Alien species in India and their impacts

### Institutional Pavilions

- Exhibition by the leading research centres, universities and other academic institutions, NGOs, commercial establishments, etc.
- Biodiversity education- Exhibition of books, CDs and other educational resources
- Green Business and Technologies- Exhibition by business group incorporating biodiversity conservation and green technologies for environment protection, eco-friendly products etc.
- Innovations- Showcasing of innovations in biodiversity conservation.
- Biodiversity Heritage and Natural History of Uttarakhand

**Traditional food courts:** Tastes of Biodiversity – Biodiverse Food Heritage of India





## Participants

International Organisations, National Biodiversity Authority and State Biodiversity Boards, Central and State Government departments, National Institutions such as Botanical Survey of India, Zoological Survey of India, ICAR institutions, CSIR institutions, Research and Development Centres etc, Universities and other Academic institutions, Non-governmental and Non-profit organizations, Business groups working for biodiversity conservation and marketers of products derived from biodiversity, Photographers and conservationists, Publishers & book marketers, Clubs and forums, Individual with their exhibits / collections, Corporates. For stall charges please visit our website <https://ibcddn2018.co.in>

## DIVERSE WOMEN FOR DIVERSITY: A WOMEN AND BIODIVERSITY FESTIVAL 2-3<sup>RD</sup> OCTOBER 2018

Recognizing women's roles as primary land and resource managers is central to the success of any biodiversity policy. Rural women in particular have an intense interaction with natural resources, given their heavy involvement in collecting and producing food, fuel, medicinal remedies and necessary raw materials. With knowledge passed down through many generations, women frequently acquire a profound understanding of their environment and of biodiversity in particular, yet their contributions to conservation go unrecognized. Just as the impact of biodiversity loss is disproportionately felt by poorer communities, there are also disparities along gender lines. Biodiversity loss affects access to education and gender equality by increasing the time spent by women and children in performing certain tasks like collecting valuable resources and services such as fuel, food and water. For the first time, IBC is organising a Women and Biodiversity

festival, by bringing together the women, who are the custodians of biodiversity and involved in conservation and awareness at the grassroots. The festival would also bring out a document on the role of women in biodiversity conservation in India. This programme will be organised at the Navdanya Farm, Dehradun on 2-3<sup>rd</sup> of October as pre-congress event. About 200 women from all over India will participate in the event.

## Participants

Students, Research Scholars, Scientists, Farmers, Farmer Representatives, Social Activists, Community Representatives etc. For details visit our website <https://ibcddn2018.co.in>.

## YOUTH BIODIVERSITY SUMMIT - 2018

This event is organised with a view to inspire global youth and future leaders of conservation to work for the sustainable use and conservation of biodiversity for a healthy planet and healthy society. The participants will not only get an opportunity to interact with the experts but also get an opportunity to showcase their talents and innovative ideas on biodiversity conservation and sustainable use. School and College programs will be organised throughout the year with the support from Uttarakhand Council for Science and Technology (UCOST) and CISSA, Kerala.

The participants will be selected through competitions involving schools and colleges, and special entries will be given to those youth leaders with good track records in the field.

## Participants

School and college students, selected youth icons with track records in biodiversity conservation. For details visit our website <https://ibcddn2018.co.in>.

## CIVIL SOCIETY MEET

Civil Society Organizations (CSOs), including non-governmental organizations (NGOs), indigenous people's organisations, social/people's movements, professional associations and foundations, faith-based organizations, labour unions, and others, and totally committed individuals who are not part of any 'system', are critical actors in the conservation initiatives. Their involvement in discussions and policy making would definitely give proper directions to the future conservation paradigms and policy making.

IBC desires to have partnership with CSOs and individuals committed to biodiversity conservation, as we believe that these partnerships are imperative to the success of the programme. Many CSOs have a proven capacity for broad-based mobilization and creating bottom-up demand that fosters responsive governance. Civil society advocacy can facilitate the participation of those very much concerned with conservation and sustainable utilization of biodiversity in the design and implementation of development policies and programmes. This can enhance the delivery of basic social and environmental services, which are very much essential for the future biodiversity conservation scenario of the country. Moreover, members of civil society organizations volunteer their time, skills, and expertise to development. In the recent environmental conservation history of the country, the role played by CSOs towards

biodiversity conservation has a bright history. One day of IBC 2018 will be dedicated for the meet, while the members will also get the opportunity to attend IBC for all the days. The recommendations of Civil Society Meet will also form part of IBC recommendations.

For details visit our website  
<https://ibcddn2018.co.in>

## BIODIVERSITY DOCUMENTARY FILM FESTIVAL

Biodiversity Documentary Film Festival will be organised during IBC 2018. The event will showcase some of the finest films made on the biodiversity richness of Planet Earth, our only home. Several films on Indian natural history will be an added attraction. Only selected best entries will be screened.

## PHOTOGRAPHY COMPETITION

An All India Photography Competition and Exhibition on Biodiversity will be organised in connection with IBC 2018, with entries invited from all over India. The selected entries will be exhibited at the IBC venue.

**Themes:** Biodiversity, People & Culture

For details visit our website  
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अयं बन्धुरयं नेतिगणना लघुचेतसाम् ।

उदारचरितानां तु वसुधैव कुटुम्बकम् ॥

(महोपनिषद्, अध्याय ४, श्लोक ७१)

यह अपना बन्धु है और यह अपना बन्धु नहीं है, इस तरह की गणना छोटे चित्त वाले लोग करते हैं। उदार हृदय वाले लोगों की तो (सम्पूर्ण) धरती ही परिवार है।

***‘Ayam bandhurayam neti ganana laghuchetasam,  
udaracharitanam tu vasudhaiva kutumbakam’***

Who discriminate ‘This one is a friend and that one a stranger’ are people with petty minds; people with evolved consciousness embrace the entire world as their own family.

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