

**FEBRUARY  
22-26**



Focal theme :  
**Mainstreaming Biodiversity  
for Sustainable Development**



**3<sup>rd</sup> National  
Biodiversity  
Congress 2017**

TAGORE THEATRE &  
GOVERNMENT GUEST HOUSE  
THIRUVANANTHAPURAM, KERALA



**Kerala State Biodiversity Board**



# National Biodiversity Congress 2017

## Biodiversity for Sustainable Development

Biodiversity and ecosystem services are central to sustaining life on Earth and play an important role in achieving sustainable development in its three dimensions- Economic, Social and Environmental. The 17 Sustainable Development Goals and 169 targets adopted at the United Nations Sustainable Development Summit on 25 September 2015 is a plan of action for people, planet and prosperity and called for

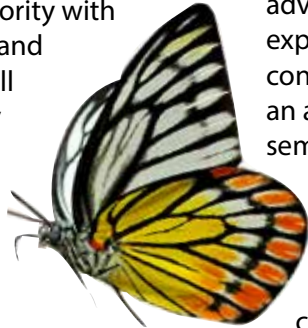
eradicating poverty in all its forms and dimensions, an indispensable requirement for sustainable development.

India, a megadiverse country with only 2.4% of world's land area harbors 7-8% of all recorded species. At the same time India with 17% of world's population and 18% of global livestock population, faces severe pressure on land.

The transition path to sustainable development, meeting the aspirations of the 1.25 billion people of India will require decoupling socio-economic development from unsustainable use of bio-resources. A consumptive pattern that ensure natural resources are made available for present generations without compromising the needs of future generations is needed.

## National Biodiversity Congress

National Biodiversity Congress (NBC) is one of the important biodiversity mega events of India conducted as a biennial event. The 1<sup>st</sup> NBC 2012 was hosted by Kerala State Biodiversity Board (KSBB) under the auspices of National Biodiversity Authority with the involvement and co-operation of all State Biodiversity Boards and other organizations involved in conservation and promotion of biodiversity.



The National Biodiversity Congress 2017 (NBC 2017) is planned during 22-26 February with the focal theme “Mainstreaming Biodiversity for Sustainable Development“. NBC

2017 attempts to bring out new approaches for an inclusive development considering that participation and grass root empowerment are key drivers of equitable and sustainable development.

NBC 2017 is governed by a national advisory committee comprising of experts in the field of biodiversity conservation. NBC 2017 includes an array of programmes including seminars, exhibition, capacity building workshops, children’s biodiversity congress, besides showcasing the cultural diversity of Kerala - God’s own country.

*We, on behalf of organizing committee of the 3<sup>rd</sup> NBC 2017, welcome all likeminded individuals and institutions to be a part of this endeavor for promoting sustainable development.*



# HIGHLIGHTS

- **VIVIDHA - Biodiversity exhibition 22-26 February**
- **Biodiversity Conference - 23-24, February**
- **Children's Biodiversity Congress-25 February**
- **Capacity building workshops - 22 & 26 February**

## Participation:

Members of Academic and Research institutions, Civil Society, Biodiversity Management Committees, NGO's, Farmers, Students, Corporates, etc

## National Biodiversity Conference 2017, Government Guest House, Thiruvananthapuram February 23<sup>rd</sup> & 24<sup>th</sup>

The recently concluded COP13 with the theme "Mainstreaming Biodiversity for well being" focused on mainstreaming biodiversity in different sectors as Agriculture, Forestry, Fisheries etc. The 2030 Agenda for Sustainable Development had a vision of transforming the world and called for Action determined to end poverty and hunger, and to protect the planet from degradation, through sustainable consumption and production, sustainably managing its natural resources and taking urgent action on climate change.

National Biodiversity Conference aims to identify practical evidence based case studies at regional level to support the plan of action and has the focal theme "**Mainstreaming Biodiversity for Sustainable Development**" with four subthemes. A galaxy of renowned national experts in field of biodiversity conservation has been invited to deliver keynote address and plenary lectures. The focal theme will have invited presentations and panel discussion of experts.

## Sub-themes

### 1) Decentralised natural resource management:

Biodiversity conservation has witnessed a paradigm shift towards increased resource user participation in natural resource management where local people play an active role. The experiences of Kerala in developing a decentralized institutional mechanism for biodiversity governance - Biodiversity Management Committees (BMCs) is a learning process. The subthemes cover topics – community conservation practices, biocultural protocol, traditional conservation practices and rights, best practices at local level in biodiversity conservation, case studies of LSGs/BMCs/JFMC, EDC, NGOs, local institutions, women and civil societies in biodiversity conservation,

co-management of forests, environment protection, waste management etc.

### 2) Landscape approaches for biodiversity conservation

Papers on “landscape approaches” to reconciling conservation and development including topics as threats and challenges to conservation, protected area , wild life corridors, ecosystem restoration, modern tools for biodiversity monitoring as GIS, remote sensing; land use planning, conservation with multiple land uses, urban landscape etc.

### 3) Mainstreaming biodiversity for nutritional security and well being:

Production sectors of the world such as agriculture and fisheries are under increasing



pressure not only to provide for the growing population, but also to reduce their global footprint – in view of climate change. Papers

are invited on status and trends for conservation of Agricultural diversity, floral and faunal diversity, Forest biodiversity, Marine, coastal and inland biodiversity, Below ground biodiversity, Biodiversity for adaptation and mitigation of climate change etc

### 4) Biodiversity- Sustainable utilization and Benefit sharing:

The “fair and equitable sharing of the benefits arising out of the utilization of genetic resources” is

one of the three overall objectives of the Convention on Biological Diversity. Papers on the topics – bioresources and associated traditional knowledge (TK) and cultural expressions, TK based process/ product development, patenting, technology transfer, protection of traditional knowledge , case studies of Access and Benefit Sharing (ABS), natural products and bioprospecting, sustainable consumption and production, sustainability models in agriculture, forestry, fisheries sectors, sustainable harvesting protocols of medicinal plants, corporate social responsibility, ecotourism etc are invited.

## Call for Papers

All delegates who wish to present their work are invited to submit an abstract for consideration as Oral/ Poster presentation in the Congress under the subthemes based on the general guidelines. All the accepted papers will be included in the Proceedings volume and a soft copy of the same will be released and distributed at the Congress venue.



## Registration Fees

**Faculty/Scientist - Rs. 2000/-**  
**Research students -Rs. 500/-**  
**Accompanying person-Rs. 1500/-**  
**NGO's -Rs.1000/-**  
**Industry delegates-Rs. 5000/-**

## Mode of payment:

The payment should be made through bankers cheque / DD or by NEFT to Member Secretary, Kerala State Biodiversity Board.

Bank : **IDBI Bank**, Karamana Branch,  
Thiruvananthapuram  
**IFSC Code : IBKL0000889**  
**Account No: 0889102000003360**

Fees for participants and students will cover admittance to all conference sessions, conference materials, abstract book, snacks & lunch.

## Important deadlines:

Submission of abstracts:

**20 January 2017**

Communication of acceptance of papers : **28 January 2017**

Submission of full papers :

**10 February 2017**

**How to submit the abstract:** The abstract should not have more than 500 words and may be submitted online through [www.nbc-india.in](http://www.nbc-india.in) on or before 20<sup>th</sup> January 2017.  
*For more details : [www.nbc-india.com](http://www.nbc-india.com)*



Young researchers are encouraged to contest for **Best Paper/Best Poster** award by presenting their research work in the subthemes. The award carries a **Certificate of merit and a cash prize of Rs. 10,000**. Upper age limit of a candidate will be 35 years as on 01.01. 2017. *For more details visit [www.nbc-india.com](http://www.nbc-india.com)*

**Biodiversity exhibition-22-26 February 2017**

**VIVIDHA**



**VIVIDHA 2017** is a five day long fair aimed at enhancing public awareness of the rich diversity of India, importance of conserving biodiversity and will showcase conservation initiatives by Government and Non-Governmental Organizations. The exhibition will focus on

- **Diversity of life in India and Kerala**
- **Multiple aspects of biodiversity for well-being**
- **Biodiversity loss and threats to biodiversity**
- **National, State level and local action for conservation and sustainable utilization of biodiversity**

The expo will be an ideal platform for the exhibitors to showcase their initiatives on biodiversity conservation, products based on bio-resources, services, technologies etc. to the eminent scientists, policy makers, entrepreneurs, business representatives, academicians, researchers, students etc.

**Participation** : National Biodiversity Authority and State Biodiversity Boards, Central and State Government departments, Central/State universities, National Institutes/R&D organizations, Non-profit/Non-Governmental,

national and international organizations and others are invited to display their innovative research, technologies, products and achievements in areas of biodiversity conservation. *For more details visit- [www.nbc-india.com](http://www.nbc-india.com)*

## 9<sup>th</sup> Children's Biodiversity Congress

25 February 2017

Children's biodiversity congress (CBC) , an initiative of KSBB was started in 2006 to motivate the future crusaders of biodiversity to take active participation in environmental protection and change their perception to a more sustainable way of living. 9<sup>th</sup> CBC 2017 is being conducted as a one day state level competition for the winners of various competitions conducted at district level.

### Participants :

Students of upper primary, high school, higher secondary in government and government aided



schools are invited to be part of NBC 2017 and to have an opportunity to interact with the top biodiversity experts in the country.

## Capacity building workshops

22& 26 February

Environmental protection, conservation and sustainable use of biodiversity will be successful only through the involvement of local communities. Local communities depend on bio-resources for their livelihood, but still community efforts has lead to the conservation of habitats, species and ecological services. The capacity building programmes will provide a very vibrant platform for discussing and exchanging views on contemporary topics related to biodiversity conservation and sustainable utilization of bio-resources.





**BMC meet** 22 February 2017

An inclusive programme for conservation, sustainable use and equitable sharing of benefits of biodiversity can be addressed only as a people's movement. People's participation and mainstreaming biodiversity issues at local level planning and prioritizing the areas will result in greater focus on conservation and resource management for sustainable development. BMC meet will serve as a platform for sharing of experiences, issues faced and for developing a road map for establishing model BMC's in Kerala.

**Haritha sangamam** 26 February 2017

Small scale initiatives on local governance over resources and integration of traditional knowledge into planning can ensure the resilience of ecosystems and provide sustainable livelihood options to communities. Farmers had played an important role in maintaining the diversity of agricultural crops and are the custodians of germplasm of several landraces/farmers varieties/folk varieties etc. A number of non-governmental organizations work at grass-root level on various areas such as nutrition, health and

environmental issues. They should play an active role in mobilizing local action for Biodiversity conservation and function as partners in shaping policy and programs at local level. Civil society organizations including non-governmental organizations, peoples organizations, social/people's movements, and foundations and all other individuals committed to the cause of biodiversity conservation are invited to be a part of Harithasangamam.

*For details: [www.nbc-india.com](http://www.nbc-india.com)*



## Chief Patron

### Shri. Pinarayi Vijayan

Hon'ble Chief Minister of Kerala

## Patrons

1. **Dr. Thomas Isaac**, Hon'ble Minister for Finance & Coir
2. **Shri. A. K. Balan** Hon'ble Minister for welfare of Scheduled Castes, Scheduled Tribes and Backward Classes, Law, Culture and Parliamentary Affairs
3. **Adv. V. S. Sunil Kumar**, Hon'ble Minister for Agriculture
4. **Shri. Kadakampally Surendran**, Hon'ble Minister for Tourism and Devaswom
5. **Adv. K. Raju**, Hon'ble Minister for Forests, Animal Husbandry and Zoos
6. **Smt. K. K. Shailaja Teacher**, Hon'ble Minister for Health and Social Justice
7. **Prof C. Raveendranath**, Hon'ble Minister for Education
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9. **Dr. K. T. Jaleel**, Hon'ble Minister for Local Self Government, Welfare of Minorities, Wakf and Haj Pilgrimage

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11. **Dr. Shashi Tharoor**, Hon'ble Member of Parliament
12. **Adv. V.S Sivakumar**, Hon'ble MLA
13. **Adv. Rakhi Ravikumar**, Hon'ble Deputy Mayor
14. **Shri Ajayan Narayan Jha, IAS**, Secretary, Environment, Forests and Climate Change, Govt of India
15. **Dr B. MeenaKumari**, Chairperson, National Biodiversity Authority

## Executive committee

**Shri. T. Rabikumar, IFS** , Secretary, National Biodiversity Authority  
Chairmen of State Biodiversity Boards,  
Member Secretaries of State Biodiversity Boards

## 3<sup>rd</sup> NBC 2017 Hosted by:

### Kerala State Biodiversity Board (KSBB)

## Core committee

Organising Chairman: **Prof. Dr. Oommen V. Oommen**  
(Chairman, KSBB)  
Organising Secretary: **Dr. Dinesan Cheruvat**  
(Member Secretary, KSBB)

**Members** : **Dr. K.G. Sreekumar**  
**Dr. N. Omana Kumari**  
**Dr. Achuth Sankar S. Nair**  
**Dr. A.K. Sherief**  
**Dr. K. Mohanakurup**

### Advisory committee

1. **Shri. S. M. Vijayanand, IAS**, Chief Secretary, Govt of Kerala
2. **Shri. V.S. Senthil, IAS**, Addl. Chief Secretary, Environment, Govt of Kerala
3. **Shri. P. Mara Pandiyan, IAS**, Addl. Chief Secretary, Forest & Wildlife, Govt of Kerala
4. **Dr. Raju Narayana Swamy, IAS**, Principal Secretary, Agriculture & Agriculture Production Commissioner, Govt of Kerala
5. **Shri. James Varghese, IAS**, Principal Secretary, Fisheries, Govt of Kerala
6. **Shri. T. K. Jose, IAS**, Principal Secretary, Local Self Government, Govt of Kerala
7. **Dr. M.C. Dathan**, Scientific Advisor to Hon'ble Chief Minister of Kerala
8. **Dr. Trilochan Mohapatra**, Secretary (DARE) & Director General (ICAR), New Delhi
9. **Dr. S.C. Joshi, IFS**, Principal Chief Conservator of Forests & Head of Forest Force
10. **Shri. G. Harikumar, IFS**, Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden
11. **Smt. Shomita Biswas, IFS**, Chief Executive Officer, National Medicinal Plant Board
12. **Dr. Suresh Das**, Executive Vice President, KSCSTE
13. **Dr. P. K. Radhakrishnan**, Vice Chancellor, Kerala University
14. **Dr. A. Ramachandran**, Vice Chancellor, Kerala University of Fisheries & Ocean Studies
15. **Shri. Anil. X, IAS**, Vice Chancellor, Kerala Veterinary and Animal Sciences University
16. **Dr. P. Rajendran**, Vice Chancellor, Kerala Agricultural University
17. **Dr. J. Letha**, Vice Chancellor, CUSAT
18. **Dr. Babu Sebastin**, Vice Chancellor, MG University
19. **Dr. V. Ramakrishnan**, Director, IISER
20. **Prof. Dr. Gopakumar G**, Vice Chancellor, Central University
21. **Dr. Kailash Chandra**, Director, Zoological Survey of India
22. **Dr. Paramjit Singh**, Director, Botanical Survey of India
23. **Prof. Madhav Gadgil**, Professor, Indian Institute of Science
24. **Dr.V.B. Mathur**, Director, Wildlife Institute of India
25. **Dr. Bransdon S . Corrie, IFS**, Director, Kerala Forest Research Institute
26. **Dr. A. Gopalakrishnan**, Director, CMFRI
27. **Dr. P.Chowdappa**, Director, CPCRI
28. **Dr. Kantipudi Nirmal Babu**, Director, IISR
29. **Dr. M. Radhakrishna Pillai**, Director, RGCB
30. **Dr. James George**, Director, CTCRI
31. **Shri. Dharshan Shankar**, Chairman, Institute of Ayurveda and Integrated Medicine
32. **Dr. A.G. Pandurangan**, Director i/c, JNTBGRI

33. **Dr. K Venkataraman** , Director (Retd.) Zoological Survey of India
34. **Dr. B. Venugopal**, Former Director, NMNH
35. **Dr. B. Madhusoodana Kurup**, Former Vice Chancellor, Kerala University of Fisheries & Ocean Studies
36. **Dr. V. S. Vijayan**, Former Chairman, KSBB
37. **Dr. R. V. Varma**, Former Chairman, KSBB
38. **Dr. P. Pushpangadan** , Former Director, JNTBGRI
39. **Dr. P. S. Easa**, Former Director, KFRI, Thrissur
40. **Prof. M.A. Akbarsha**, Professor of Eminence, Bharathidasan University,
41. **Prof. Renee M. Borges**, CES, IISc, Bangalore
42. **Prof. R. Gadakar**, IISc, Bangalore
43. **Dr. N. Anil Kumar**, Director, MSSRF
44. **Dr. Mark Wikinson**, NHM, London
45. **Dr. David J. Gower**, NHM, London
46. **Dr. Ronald A. Nussbaum**, University of Michigan, USA
47. **Dr. Romulus Earl Whitaker**, Wild life conservationist
48. **Shri. Ravi Singh**, CEO, WWF India
49. **Dr. Babu Ambat**, Executive Director, CED
50. **Dr. K. Sankar**, Director , SACON
51. **Dr. Kartik Shanker**, Director, ATREE
52. **Dr. K. P. Aravindan**, President, Kerala Sasthra Sahithya Parishad
53. **Shri. K. Jayakumar**, Director, TNHS
54. **Shri. Sathyan Meppayu**, President, MNHS
55. **Shri. Vishnu Priyan Kartha**, Director, CNHS
56. **Shri. C. Jayakumar**, President, Thanal
57. **Shri. Padmanabhan**, Director, SEEK.
58. **Shri. Jose Thomas**, President, Jaiva Karshaka Samathy

*For details: [www.nbc-india.com](http://www.nbc-india.com)*

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