



Second Indian Biodiversity Congress (IBC 2012)

9-11 December 2012, J.N. Tata Auditorium, IISc, Bangalore, Karnataka

Programme

Organised by

<p>centre for innovation in science & social action Institute of Ayurveda and Integrative Medicine (I-AIM), FRLHT पुरोगम्यं लोकसम्मिलितः Institute of Ayurveda and Integrative Medicine (I-AIM), FRLHT Navdanya</p>											

PROGRAMME AT A GLANCE

Indian Biodiversity Expo: 8-11 December 2012 at Veterinary College Ground, Hebbal, Bangalore Timings: 10.00 am – 8.00 pm (Entry free for the registered delegates)				
Indian Biodiversity Congress: 9-11 December 2012 at JN Tata Auditorium, Indian Institute Science, Bangalore (Timings: 9.00 am – 6.00 pm)				
9 December 2012				
10-11.30 am Inaugural Session (Main Hall)	11.45am-1.15pm Plenary lectures		2.00-6.00pm IBC-CEPF Focal Theme Session on Western Ghats	
11.30-11.45am Tea Break	1.15-2.00pm Lunch		Parallel Session (Themes 3, 5 and 6) (Hall A, B,C)	
Cultural Evening and Dinner (6.30 – 8.00pm) Venue: Veterinary College Ground, Hebbal, Bangalore				
10 December 2012				
9.00-11.00 am Plenary lectures (Main Hall)	Parallel Sessions (11.15 am- 6.00pm)			
	Main Hall (Theme 1)	Hall A (Theme 2)	Hall B (Theme 4)	Hall C (Theme 9) (10..00am-1.00pm)
				(Theme 8) (2.00-5.00pm) Special Session on Biodiversity Laws, Indigenous Knowledge, Intellectual Property Right and Biopiracy
Poster presentations (10.00am- 5.00pm)				
Children's Biodiversity Conclave (10.00am- 4.00pm) 10-11 December 2012, Rustom Choksi Hall, Indian Institute of Science				
Cultural Evening and Dinner (6.30 – 8.00pm) Venue: Veterinary College Ground, Hebbal, Bangalore				
11 December 2012				
9.00-10.00 am Plenary lectures (Main Hall)	Parallel Sessions			
10.00am-1.00 pm Special session on Green Politics (Main Hall)	Hall A (Theme 1) (10.00pm- 4.00 pm)	Hall B (10.00am- 1.00 pm) IBC- GEF Special Session on National strategy on medicinal and aromatic plants conservation, sustainable use and cultivation		Hall C (Theme 10) (10.00- 1.00 pm)
4.00-5.00pm Valedictory Session(Main Hall)			Hall C (Theme 7) (2.00- 4.00 pm)	

9TH DECEMBER 2012

INAUGURAL SESSION (10-11.30 AM)

Welcome: Prof. R. Sukumar, Working Chairman, IBC 2012

Overview of IBC 2012: Dr. G.G. Gangadharan, Co-chair, IBC

President: Shri H.N. Ananth Kumar, Hon'ble Member of Parliament

Inauguration: Shri Veerappa Moily, Hon'ble Minister of Petroleum and Natural Gas, Govt. of India

Chief Guest: Shri R. Ashoka, Hon'ble Deputy Chief Minister, Government of Karnataka

Release of the Proceedings and abstract: Dr. C.N. Ashwath Narayan, Hon'ble MLA

Special Addresses:

Shri Anant Hegde Ashisar, Chairman, Karnataka State Western Ghats Task Force

Shri Vaman Acharya, Chairman, Karnataka State Pollution Control Board

Key-note Address: Dr. Balakrishna Pisupati, Chairman, National Biodiversity Authority, Chennai

Vote of Thanks: Dr. A. Biju Kumar, Organising Secretary, IBC

Tea Break: 11.30-11.45am

Plenary lectures (11.45am-1.15pm)

Chairman: Prof. Madhav Gadgil

Sri Ashish Kothari, Kalpavriksh, Pune

Topic: Conserving Biodiversity through Radical Ecological Democracy

Sri. S. Faizi

Topic: Two Decades of CBD: The Implementation Course of the Treaty

Dr. B. Venugopal, Director, National Museum of Natural History, New Delhi

Topic: Biodiversity Education and Public Awareness

Lunch – 1.15-2.00pm

**IBC-CEPF FOCAL THEME SESSION ON “BIODIVERSITY OF THE WESTERN GHATS:
CHALLENGES AND STRATEGIES FOR CONSERVATION AND SUSTAINABLE MANAGEMENT”**

(2.00-6.00 pm; Main Hall)

Chairman: Dr. V.S. Vijayan

Inauguration: Shri Anant Hegde Ashisar, Chairman, Karnataka State Western Ghats Task Force

Key-note Address: Prof. Madhav Gadgil, Chairman, Western Ghats Ecology Expert Panel

Topic: Protecting the Western Ghats by creating a law-abiding society that values knowledge

Invited presentations

Dr. V.B. Mathur, Dean, Wildlife Institute of India, Dehradun

Topic: Inscribing Western Ghats on the Natural World Heritage List: Challenges and Way Ahead

Dr. Sanjay Molur, Executive Director, Zoo Outreach Organization, Coimbatore

Topic: Freshwater Biodiversity of the Western Ghats, with special emphasis on sites of zero extinction

Dr. V.S. Vijayan, former Director, SACON and Chairman, Kerala State Biodiversity Board.

Topic: Biodiversity Conservation of the Western Ghats: The Way Ahead

Dr. K N Ganeshaiyah, Department of Forestry and Environmental Sciences, & School of Ecology and Conservation, University of Agricultural Sciences, GKVK, Bangalore

Topic: Mapping Bioresources of Western Ghats

Shri Michel Danino, Guest Professor at IIT Gandhinagar; Visiting Professor, IIM Ranchi.

Topic: An Experiment in Joint Forest Management in the Nilgiris

Prof. M D Subash Chandran, Centre of Ecological Sciences, Indian Institute of Sciences, Bangalore

Topic: Ecological History of the Western Ghats

Prof. M.K. Prasad, Kochi

Topic: Conservation of the Western Ghats: Peoples' Initiatives

Sri Kalyan Varma, Wildlife Photographer & Filmmaker

Topic: A Journey along Western Ghats

Dr. Bhaskar Acharya, ATREE, Bangalore

Topic: CEPF-Western Ghats- An Overview

Dr. K.H. Amitha Bachan, Western Ghats Hornbill Foundation, Aranyak, Mathilakam – 680685, Kerala.

Topic: Resource monitoring through empowerment of ethnic communities: a gateway to the community based resource management on the background of Forest Right Act (FRA) and Community Forest Resource area (CFR)

Dr. Thomas Vattakaven, French Institute of Pondicherry

Topic: The Western Ghats portal: an effort at building a collaborative information system

PARALLEL SESSIONS

Hall A: Theme 3- Research and Development in Biodiversity: Societal Implications

(Abstracts: 03-01 to 03-11)

Time: 2.00-4.00pm

Chairman and Key-note Address: Dr. S. Narendra Prasad

Open source Geospatial-India, Hyderabad

Topic: Role of Open source geospatial tools and crowd sourcing in the conservation of Western Ghats

Hall B: Theme 5- Biodiversity and Development; Biodiversity and Responsible Tourism

(Abstracts: 05-01 to 05-16)

Time: 2.00-4.30 pm

Hall C: Theme 6- Climate change and Biodiversity

(Abstracts: 06-01 to 06-12)

Time: 2.00-4.30 pm

Cultural Evening and Dinner (6.30 – 8.00pm)

Venue: Veterinary College Ground, Hebbal, Bangalore

10TH DECEMBER 2012

PLENARY LECTURES (9.00-11.00 am)

Venue: Main Hall

Dr. K. Venkataraman, Director, Zoological Survey of India

Dr. Y.B. Ramakrishna, Executive Chairman, Karnataka State Bio Fuel Development Board

Dr. R. G. Soni, Member Secretary, Madhya Pradesh State Biodiversity Board

Dr. Om P. Rajora, Canadian Genomics and Conservation Genetics Institute, Faculty of Forestry and Environmental Management, University of New Brunswick, Canada

Topic: How Genetics, Genomics and Bioinformatics can help in documenting, monitoring, conserving and managing Western Ghats biodiversity?

Tea Break: 11.00-11.30 am

PARALLEL SESSIONS

Main Hall: Theme 1- Biodiversity Documentation and Taxonomy

(Abstracts: 01-01 to 01-30)

(Time: 11.15 am – 6.00 pm)

Chair and key-note address

Dr. M.P. Nayar, Former Director, Botanical Survey of India

Topic: Plant endemism in the Western Ghats and identification of critical tree species and habitats

Invited Presentations

Dr. R.R. Rao, INSA Honorary Scientist, Bangalore

Topic: Some invasive alien weeds that have threatened the native or naturalized biodiversity in Western Ghats, India

Dr. Priyadarsanan Dharma Rajan, Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore

Topic: Taxonomy as an Interdisciplinary Science for Human Well-being

Dr. M.N.V. Prasad, Professor, Department of Plant Sciences, University of Hyderabad

Topic: Metallophytes - expect the unexpected in Indian flora

Hall A: Theme 2- Agro-biodiversity and Food Security

(Abstracts: 02-01 to 02-21)

(Time: 11.15 am – 4.00 pm)

Chair: Dr. G.K. Veeresh, former Vice Chancellor, University of Agricultural Sciences, Bangalore

Key-note Address: Shri Majoj Kumar Menon, Executive Director, ICCOA, Bangalore

Invited Presentation

Dr. D. Rajagopal, Former Director of Instruction (PGS), University of Agricultural Sciences, GKVK, Bangalore-65

Topic: Distribution pattern of soil biodiversity in different habitats of Western Ghats of Karnataka

Hall B: Theme 4- Biotechnology, Bioinformatics and Biodiversity Conservation

(Abstracts: 04-01 to 04-25)

(Time: 11.15 am – 6.00 pm)

Key-note Address

Dr. P.N. Krishnan, Scientist F & Head, Biotechnology and Bioinformatics Division
Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Thiruvananthapuram -695
562

Topic: Plant Biodiversity Conservation – Advance through Biotechnology

Invited Presentation

Dr. P.E. Rajasekharan, Division of Plant Genetic Resources, Indian Institute of
Horticultural Research, Bangalore

Topic: Strategies for complementary conservation of genetic diversity in horticultural
crop/species

Hall C: Theme 9- Sacred groves, Cultural, Spiritual and Linguistic Linkages of Biodiversity

(Abstracts: 09-01 to 09-26)

(Time: 10.00 – 1.00 pm)

Hall C: Theme 8

**SPECIAL SESSION ON BIODIVERSITY LAWS, INDIGENOUS KNOWLEDGE, INTELLECTUAL
PROPERTY RIGHT AND BIOPIRACY**

(Abstracts: 08-01 to 08-10)

(Time: 2.00 am – 5.00 pm)

Chairman: Dr. M.K Ramesh, National Law School of India, Bangalore

Key-note Address

Dr. Satish C. Shastri, Mody Institute of Technology and Science, Rajasthan

Topic: Biopiracy- with special reference to indigenous people

Invited Presentations

Smt. Shalini Bhutani

Topic: From Kutchi to Kani

Dr. T. Ramakrishna, National Law School of India, Nagarbhavi, Bangalore

Topic: Patent regime, and protection of traditional knowledge and access to genetic
resources—Need for mandatory disclosure requirement

Dr. V. Rajyalakshmi, College of Law, Andhra University, Visakhapatnam

Topic: Bio Safety - An overview of issues and concerns

Jyoti Maheshwari and Parul Goyal, National Law School of India, Bangalore

Topic: The Biotechnology Regulatory Authority of India bill, 2011- an inherently problematic proposition!

Jaya Chaturvedi, National Law School of India, Bangalore

Topic: COP 11 and India

Madabhushi Sridhar, NALSAR University of Law, Hyderabad.

Topic: Law for conservation of bio-diversity and structural deficiencies

Rangin Pallav Tripathy, National Law University, Odisha

Topic: Promotion of conservation as a social movement and not as a legal ideal

Arnesha Guha and Tanmoy Ruda

Topic: Understanding and resisting biopiracy in India

11TH DECEMBER 2012

PLENARY LECTURE (9.00-10.00 am)

Dr. Vandana Shiva, Navdanya, New Delhi

SPECIAL SESSION ON GREEN POLITICS (MAIN HALL) (10.00am-1.30 pm)

Dr. Vandana Shiva

Shri Basudev Acharya, MP, Chairman, Parliamentary Committee on Agriculture

Topic: Challenges in Regulating Biotechnology given its impacts on Biodiversity Conservation

Dr. Vijay Chandru, CEO, Strand Genomics and Member of High Panel to Advise UNESCO Director General on Science and Technology for Development

Topic: Are Corporate Ambitions informed by Environmental Limits and Biodiversity Conservation concerns?

Smt. Bhargavi S. Rao, Coordinator (Education), Environment Support Group

Topic: Rampant biopiracy in the context of rhetorical support for biodiversity conservation

Shri Sridhar, Thanal

Topic: Farmers Rights, Plant Breeders Rights and Questions of Food Security given increasing Commodification of Biodiversity

Shri. K. S. Sugara, IFS, Member-Secretary, Karnataka Biodiversity Board

Topic: Chances for Conserving Biodiversity in a Climate of Weak Regulation

Smt. Mallika Viridi, Sarmoli Gram Panchayat, Uttarkhand

Topic: Conserving Himalayan Biodiversity and Associated Livelihoods given massive landscape transformations

Smt Mhnolumo Kikon, Executive Director, DICE Foundation, Nagaland

People's issues, Government's plans, and the resulting conflicts in Biodiversity Conservation and Livelihoods in the North East

Abhay Sahoo, Chairman, Posco Pratirodh Sangram Samithi

What the State does to those who struggle to implement the Forest Rights Act

Sri Ananth Hegde Ashishara, Chairman, Western Ghats Task Force

Formulating Resilient Policies to Conserve and Protect Western Ghats

Dr. P. J. Dilip Kumar, IFS, Director General of Forests, Ministry of Environment and Forests

Do only Tigers matter to the Prime Minister?

Hall A

Theme 1- Biodiversity Documentation and Taxonomy

(10.00pm- 4.00 pm)

Abstracts: 01-31to 01-64

Invited Presentation

Dr. Raju Narayana Swamy I.A.S.

Topic: Biodiversity conservation, community based management and traditional resource rights: a case study from Wayanad

Hall C

Theme 10- ICTs, Biodiversity Education and Public Awareness

(10.00an- 1.00 pm)

Abstracts: 10-01 to 10-10

Invited presentations

Sankara Rao, K., Centre for Ecological Sciences, Indian Institute of Science, Bangalore

Topic: Digital herbarium database for the flora of Karnataka

Remadevi , O.K., Wood Biodegradation Division, Institute of Wood Science and Technology, Bangalore.

Topic: Indian Wood Insect Database (IWID) – A Database on diversity of insects inhabiting the wood/timber of different tree species in India

Somashekhar B S., Green India Trust, Institute for Indigenous Cultures and Studies (IINDICUS), Karnataka

Topic: Development of Environmental Literature in Kannada from select Conservation action projects, as a means of need based Environmental Information: Case study from Uttara Kannada

Hall C

Theme 7- Biodiversity and Ecosystem Services

(1.30- 4.00 pm)

Abstracts: 07-01 to 07-18

Chair and Key-note address

Dr. T.V. Ramachandra, *Centre for Ecological Sciences, Indian Institute of Sciences, Bangalore*

Topic: Ecological Carrying Capacity of Uttara Kannada district, Central Western Ghats

Hall B

(10.00am- 1.00 pm)

IBC- GEF SPECIAL SESSION ON NATIONAL STRATEGY ON MEDICINAL AND AROMATIC PLANTS CONSERVATION, SUSTAINABLE USE AND CULTIVATION

Chair: Mr. Darshan Shankar, Vice Chairman, IAIM-FRLHT, Bangalore

Co-chair: Dr. J.R. Bhatt, Advisor, MoEF, New Delhi

- | | |
|------------------|--|
| 10.00 – 10.05 AM | Welcome and overview of the session
Dr. Abdul Kareem, Assistant Director, IAIM-FRLHT, Bangalore |
| 10.05 – 10.30 AM | Key note address: A national strategy for the conservation & sustainable use of MAPs
Mr. Darshan Shankar, IAIM-FRLHT, Bangalore |
| 10.30 – 10.45 AM | Findings of national JFM guidelines with a stronger focus on conservation & sustainable use of MAPs
Mr. Dharni, IFS, IIFM, Bhopal |
| 10.45 – 11.15 AM | Legal mechanisms to protect Traditional Knowledge on harvesting, cultivation & use of MAPs
Dr. Indrani, TERI, New Delhi |
| 11.15 – 11.30 AM | Strategy and protocol development for threat assessment and monitoring conservation status of MAPs
Mr. D.K. Ved, FRLHT, Bangalore |
| 11.30 – 11.45 AM | National working plan code for MAP sector
Mr. Pradeep Pant, CEO, SMPB, Chhattisgarh |
| 11.45 – 11.50 AM | Developing a Capacity Development Framework for Strengthening Capacities of State Medicinal Plant Boards in Three States of India
Himanshu Dubey, IDGC, New Delhi |

- 11.50 – 12.05 PM State forest policies and JFM Guidelines that integrate and strengthen MAP conservation and sustainable use in Arunachal Pradesh and Uttarakhand
Mr. Sanjay Upadhyaya, ELDF, New Delhi
- 12.05 – 12.40 PM Identification of MAPs suitable for cultivation & inclusion in afforestation & income generating programmes of the NAEB & MoRD at the state level & SFDs & state Rural Development Boards.
Uttarakhand - TERI, Arunachal Pradesh - IAIM and Chhattisgarh - CCD
- 12.40 – 12.50 PM State Medicinal Plant Conservation & Sustainable Use Strategies for Arunachal Pradesh
Mr. Jaya Hari, INSPIRE
- 12.50 – 1.00 PM Summing-up
Mr. Darshan Shankar, IAIM-FRLHT, Bangalore

VALEDICTORY SESSION (IBC AND IBE) (4.00-5.00 PM)

Venue: Main Hall, J.N. Tata Auditorium, Indian Institute of Science, Bangalore

Valedictory Address: Shri M.N. Venkatachaliah, Former Hon'ble Chief Justice of India

Chief Guests: Dr. M.R. Jayaram, Chairman, Gokula Education Foundation

Distribution of Awards: Shri S.D. Shibulal, Chief Executive Officer and Managing Director of Infosys