

## **Dr. Jaivardhan Ramanlal Bhatt**

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Dr. J.R. Bhatt is an internationally recognized expert on various facets of environment, prominently climate change and biodiversity. Dr. Bhatt's expertise lies in the Science-Policy interface, using scientific insights to inform policy. For over 35 years, his insights have enabled, informed, and had a profound impact on the national and international policies of India even going beyond the gamut of scientific and technical matters. He has guided and implemented several projects supported by international partners such as World Bank (WB), Asian Development Bank (ADB), Food and Agriculture Organisation (FAO), International Union for Conservation of Nature (IUCN), United Nations Development Programme (UNDP) and others. He has edited over 20 books; published numerous research papers: book chapters; popular articles; national and international reports. As a lead negotiator, he regularly represented India, championing and mainstreaming the principles of conservation, sustainable development, equity, climate justice, balance between mitigation and adaptation, climate friendly lifestyles, means of implementation and technology transfer at over 90 important international meetings. Most recently, as Adviser (Climate Change) at the Ministry of Environment, Forest and Climate Change, India he has been the Designated National Focal Point for all matters pertaining to Intergovernmental Panel on Climate Change (IPCC) and for National Communications including Biennial Updates to the UNFCCC. As part of preparation of these communications, he has guided and mentored extensive research on climate change throughout the country. He has been intimately involved with the work of IPCC since 1990. Dr. Bhatt was granted extension twice, for a total period of three years beyond superannuation in 2020 by the Appointments Committee of the Cabinet. He works with passion for national development and international cooperation.

### **Notable Career Milestones**

- Prepared and submitted to the UNFCCC: India's Long Term Low Carbon Development Strategy (2022); and India's three Biennial Update Reports (2021, 2018 and 2016) which involved regular mapping, over several years, of Climate Change related data of 23 line ministries of Government of India including their associated offices. Also led the preparation of India's First National Communication to the UNFCCC.
- As the Nodal focal point of IPCC led the Indian delegation to the IPCC in all its sessions during the AR6 cycle and negotiated the summary for policymakers for 3 Special Reports and 3 Working Group reports.
- Organized as part of core team: Conference of Parties (COP8) to UNFCCC in New Delhi (2002); Conference of Parties (COP11) to CBD in Hyderabad (2012); Conference of Parties to UNCCD (2019); World Environment Day, New Delhi (2018), 2<sup>nd</sup> Lead Author's Meeting of IPCC WGIII AR6 (2019) and several other international meetings and conferences.
- Co-authored India's First Biodiversity Action Plan (2008) which continues to form the basis for work on Biodiversity within the country.
- Led the establishment of a first of its kind international portfolio of projects on Biodiversity with the Federal Republic of Germany with projects such as TEEB India Initiative; Business and Biodiversity Initiative; Projects on Coastal and Marine Protected Areas, Wetlands and Man-Animal Conflict.

- Lead Negotiator for India at Paris Agreement and all other subsequent COPs under UNFCCC till COP 27.
- Contributed to development of: National Environment Policy (2006); National Action Plan on Climate Change (2008) including missions under it; and Intended Nationally Determined Contributions (2015) and its updated version (2022) under the Paris Agreement. Led efforts to mainstream climate change; inland, coastal, and marine conservation; and wildlife conflict mitigation in the National Wildlife Action Plan 2017-2031.
- Revised and implemented the scheme on Mangroves and Coral Reefs (2004 onwards): Over 100 R&D projects were awarded for the first time to understand the complex biology of these ecologically sensitive ecosystems. Catalysed grants and provided policy inputs and insights to State Governments which led to substantial increase of Mangrove Cover and protection of Coral Reefs in the country.
- Prepared Science Plan for India's Long Term Ecological Observatories (2015) and National Carbonaceous Aerosol Program (2017) which will inform government policy on Climate Change in the successive decades through effective scientific assessment and planning.
- Prepared Guidelines for National Mission on Himalayan Studies and implemented projects across Indian Himalayan Region (IHR) which mapped the landscape for sustainable development of its flora, fauna, water resources and deployed innovative waste management strategies for resource efficiency.
- Instrumental in advocating equity, climate justice, climate friendly lifestyles, by bringing out three important publications viz. Parampara (2015); India: Low Carbon Lifestyles (2016) and Samanvay-Harmonizing Traditions and Modernity (2017).
- Pioneer for initiating work on Invasive Alien Species in India. Co-Edited, 'Invasive alien plants: an ecological appraisal for the Indian subcontinent' published by CABI, UK (2012). This volume is globally recognised as an authoritative source on invasive alien plants due to lack of database and regulatory oversight on the subject.
- Revived dying science of taxonomy in the country by crafting an all-India coordinated project on Taxonomy which identified 30 neglected areas in plant, animal, and microbial taxonomy of which 15 were implemented in the first phase, leading to discovery of 570+ species new to science.
- Partnered with the World Bank to conceptualize and implement 'landscape approach' for the first time in India to augment biodiversity conservation and improvement of rural livelihoods through BCRIP Project. (2011).
- Provided scientific, technical, and administrative thought leadership to Botanical Survey of India, Zoological Survey of India, National Museum of Natural History, GB Pant National Institute of Himalayan Environment by assessing and re-orienting their mandates leading to enhanced outputs and outcomes. BSI and ZSI moved beyond merely naming plants and animals to their genetic conservation, protection, and enhancement while GB Pant moved from basic research to location specific problem-solving approach leading to enhanced benefit for local communities.
- Popularized concepts pertaining to biodiversity and climate change issues through two special trains —Biodiversity Action Special and Climate Action Special running throughout the country. This found entries in the Limca Book of Records and commendation by UNFCCC for promoting large scale environmental awareness. Designed and conceptualized the development of first of its kind three coastal and marine interpretation centres at Goa, Maharashtra and Gujarat leading to increased awareness and stakeholder participation.
- Contributed to the development of: Centre of Excellence on Medicinal Plants and Traditional Knowledge at FRLHT, Bengaluru; Centre for Ecological Sciences, IISc,

Bengaluru; Centre for Mining Environment, Indian School of Mines, Dhanbad; National Medicinal Plant Board under the Ministry of AYUSH.

- Advocated and led the formation of independent divisions of Climate Change and Biodiversity within the then Ministry of Environment and Forests. (Post-1992 Rio Summit)
- Authored NCERT Textbooks for Class 12 for Biology Students (1989).
- Conducted seminal work on minor forest produce (gums and resins) which was recognised by Department of Science and Technology's Young Scientist Scheme Award (1988) and Indian National Science Academy's Young Scientist Award (1992).

## **EDUCATION**

<b>PhD. in Botany</b>	<b>1985</b>
<i>Sardar Patel University, Vallabh Vidyanagar, Gujarat</i>	
<b>Master of Science in Botany</b>	<b>1981</b>
<i>M.S. University, Vadodara, Gujarat</i>	
<b>Bachelor of Science in Botany (Honours)</b>	<b>1979</b>
<i>University of Delhi, Delhi</i>	

## **PROFESSIONAL EXPERIENCE**

- Adjunct Professor, School of Natural Sciences and Engineering, National Institute of Advanced Studies- June 2023 onwards
- Adviser, Ministry of Environment, Forest and Climate Change, India – September 2012 to March 2023.
- Director, Ministry of Environment, Forest and Climate Change, India – April, 2005 to September, 2012.
- Additional Director, Ministry of Environment, Forest, and Climate Change – September, 2000 to April, 2005.
- Joint Director, Ministry of Environment, Forest, and Climate Change – January, 1995 to September, 2000.
- Deputy Director, Ministry of Environment, Forest, and Climate Change – January, 1990 to December, 1994.
- Young Scientist, Department of Science and Technology – January, 1988 to January, 1990.
- CSIR Research Associate, University of Delhi- January, 1987 to December, 1987.
- Researcher (JRF, SRF, RA), Sardar Patel University, Vallabh Vidyanagar – September, 1981 to August, 1986.

## **SPECIAL ASSIGNMENTS**

- National Project Director and Designated National Focal Point for India's National Communication and Biennial Update Reports on Climate Change to the UNFCCC.
- Designated National Focal Point of India for IPCC during AR6 cycle.
- Designated National Focal Point of India for IUCN, MFF, ICIMOD and Asia Pacific Network for Climate Change for several years.
- Designated National Focal Point for Coastal and Marine sector under CBD.
- Lead Negotiator for India in over 90 important international meetings.
- Represented MoEFCC in several inter-ministerial committees for policy and program implementation.

## **AWARDS**

- Medal and Award for Young Scientist from Indian National Science Academy, New Delhi, 1992.
- Professor L.S.S. Kumar Memorial Award 1992 instituted by Indian National Science Academy, New Delhi, 1992.
- 'Young Scientist Scheme' of Department of Science and Technology, Government of India, New Delhi, 1987

## **PUBLICATIONS (SELECTED)**

### **Books**

- Mishra, V. & Bhatt, J.R. (2018). *Climate Change and Water Resources in India*. Ministry of Environment, Forest and Climate Change, New Delhi. ISBN: 978-81-933131-6-9
- Bhatt, J.R., Das, A., & Shanker, K. (2018). *Biodiversity and Climate Change: An Indian Perspective*. Ministry of Environment, Forest and Climate Change, New Delhi. ISBN: 978-81-933131-5-2
- Ramesh, R. & Bhatt, J.R. (2018). *Climate Change and the Vulnerable Indian Coast*. Ministry of Environment, Forest and Climate Change, New Delhi. ISBN: 978-93-5346-195-9
- Ravikumar, K., Noorunnisa Begum, S., Ved, D.K., & Bhatt, J.R. (2018). *Compendium of traded Indian medicinal plants*. Foundation for Revitalisation of Local Health Traditions (FRLHT), Bangalore. ISBN 978-81-908965-4-2.
- MoEFCC. (2018). *Beat Plastic Pollution: Good News from India*. Ministry of Environment, Forest and Climate Change, New Delhi. ISBN 978-81-933131-4-5
- MoEFCC. (2018). *Plastics in Life and Environment*. Ministry of Environment, Forest and Climate Change, New Delhi. ISBN 978-81-933131-3-8
- MoEFCC. (2017). *Samanvay: Harmonizing Traditions and Modernity*. Ministry of Environment, Forest and Climate Change, New Delhi. ISBN 978-81-927373-9-3
- Kumar, R., Bhatt, J. R., & Goel, S. (2017). *The Natural Capital of Wetlands*. Wetlands International South Asia. New Delhi. ISBN: 81-87408-06-5.
- MoEFCC. (2016). *Low Carbon Lifestyles: Right Choices for Our Planet*. Ministry of Environment, Forest and Climate Change, New Delhi. ISBN 978-81-933131-0-7
- MoEFCC. (2016). *India: Climate Change and the Paris Agreement*. Ministry of Environment, Forest and Climate Change, New Delhi. ISBN No. 978-81-927373-6-2.
- MoEFCC. (2015). *PARAMPARA: India's Culture of Climate Friendly Sustainable Practices*. Ministry of Environment, Forest and Climate Change & Centre for Environment Education, Ahmedabad. ISBN No. 978-93-84233-06-8.
- Bhatt, J. R., & Sukumar, R. (2015). *Indian Long Term Ecological Observatories*. Ministry of Environment, Forest and Climate Change, New Delhi. ISBN No. 978-81-927373-3-1.
- Remadevi, O. K., Nilaratna, B., & Krishnamoorthy, V. (2013). *Mangroves of India: Their Biology and Uses*. Bhatt, J. R., Ramakrishna, & Sanjappa, M. (Eds.). Zoological Survey of India. ISBN 978-81-8171-336-0.
- Bhatt, J. R., Singh, J., Singh, S., Tripathi, R., & Kohli, R. K. (Eds.). (2012). *Invasive alien plants: an ecological appraisal for the Indian subcontinent*. Wallingford, Oxfordshire, UK; Cambridge, MA: CAB International. ISBN 9781845939076.
- Bhatt, J. R., Patterson Edward, J.K., Macintosh, D.J., & Nilaratna, B. P. (Eds.) (2012). *Coral reefs in India: Status, threats and conservation*. IUCN. ISBN 978-2-8317-1262-8.

- Bhatt, J. R., Macintosh, D. J., Nayar, T. S., Pandey, C. N., & Nilaratna, B. P. (Eds.). (2011). *Towards conservation and management of mangrove ecosystems in India*. IUCN India. ISBN 978-2-8317-1263-5.
- Bhatt, J. R. et.al. (Eds.). (2010). *Taxonomy Capacity Building: Indian initiative*. Showcased by India at CBD CoP10 at Nagoya, Japan.
- Coauthored "Biology – A Text Book for Senior Secondary Schools (Class XII, Parts I & II, 1989) brought out by National Council of Educational Research and Training (NCERT), Government of India, New Delhi.

### Chapters in Books

- Bhatt, J. R., Kumar, R. & Kathiresan, K. (2013). Conservation and Management of Mangroves in India: An Overview. In *Mangroves of India: Their Biology and Uses*. Zoological Survey of India.
- Bhatt, J. R., & Khanna, P. (2012). A Note on Community Led Whale Shark Conservation along the Gujarat Coast. In *Coral Reefs in India: Status, Threats and Conservation Measures*. IUCN India.
- Bhatt, J. R., & Kathiresan, K. (2012). Valuation, carbon sequestration and restoration of mangrove ecosystems in India. In *Sharing Lessons on Mangrove Restoration*. IUCN, Gland, Switzerland with Mangroves for the Future, Bangkok, Thailand.
- Bhatt, J. R., & Nayar, T. S. (2012). Mangrove Ecosystem in India: Biodiversity, Threat, Conservation and Management. In *Coral Reefs in India: Status, Threats and Conservation Measures*. IUCN India.
- Bhatt, J. R., Kumar, R., & Patterson-Edward, J. K. (2012). Conservation and Management of Coral Reefs in India: An Overview. In *Coral Reefs in India: Status, Threats and Conservation Measures*. IUCN India.
- Bhatt, J. R., & Kathiresan, K. (2011). Biodiversity of Mangrove Ecosystems in India. In *Towards conservation and management of mangrove ecosystems in India*. International Union for Conservation of Nature and Natural Resources.
- Bhatt, J. R. (2002). Impacts of Climate Change on India and Climate Change Related Activities. In *Climate Change and India*. Tata McGraw Hill.

### Book Reviews

- Bhatt, J. R. (2015). *Flowering Plants of the Western Ghats, India*. Nayar, T. S., Rasiya Begam, A., & Sibi, M. Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode, Thiruvananthapuram 695 562, India. *Current Science*. Vol. No. 109. Pp 977-978

### Selected Research Papers

- Gupta, H., Rashmi, R. R., & Bhatt, J. R. (2018). Estimating Greenhouse Gas Emissions: Does Production-based Methodology Reflect the Global Economic Reality? *Economic and Political Weekly*, 53(43), 38–45
- Thangaradjou, T., & Bhatt, J. R. (2018). Status of seagrass ecosystems in India. *Ocean & Coastal Management*, 159, 7–15. <https://doi.org/10.1016/j.ocecoaman.2017.11.025>
- Koshy, N. E., Bhatt, J. R., & Vakily, J. M. (2018). Synthesis of the Conference on Management and Conservation of Seagrass Ecosystems in India. *Ocean & Coastal Management*, 159, 3–6. <https://doi.org/10.1016/j.ocecoaman.2017.11.001>
- Sehgal, A., Mohan Ram, H. Y., & Bhatt, J. R. (1993). In vitro germination, growth, morphogenesis and flowering of an aquatic angiosperm, *Polypleurum stylosum* (Podostemaceae). *Aquatic Botany*, 45 (4), 269-283. [https://doi.org/10.1016/0304-3770\(93\)90028-U](https://doi.org/10.1016/0304-3770(93)90028-U)

- Bhatt, J.R., & Mohan Ram, H. Y. (1992). Development and ultrastructure of primary secretory ducts in the stem of *Semecarpus anacordium* (Anacardiaceae). *IAWA Journal*, 13(2), 173-185.
- Bhatt, J. R., & Mohan Ram, H. Y. (1990). Ethephon-induced gum production in *Acacia senegal* and its potential value in the semi-arid regions of India. *Current Science*, 59(23), 1247-1250.
- Bhatt, J. R., Nair, M. N. B., & Mohan Ram, H. Y. (1989). Enhancement of oleo-gum resin production in *Commiphora wightii* by improved tapping technique. *Current Science*, 58(7), 349-357.
- Bhatt, J. R. (1987). Gum tapping in *Anogeissus latifolia* (Combretaceae) using ethephon. *Current Science*, 56(18), 936-940.
- Bhatt, J. R. (1987). Development and structure of primary secretory ducts in the stem of *Commiphora wightii* (Burseraceae). *Annals of Botany*, 60(4), 405-416. <https://doi.org/10.1093/oxfordjournals.aob.a087461>
- Bhatt, J. R., & Shah, J. J. (1985). Ethepon (2-chloroethylphosphonic acid) enhanced gum-resinosis in mango *Mangifera indica* L. *Indian Journal of Experimental Biology*, 23: 330-339.
- Nair, M. N. B., Bhatt, J. R., & Shah, J. J. (1985). Induction of traumatic gum cavities in sapwood of the neem (*Azadirachta indica* A. Juss.) by ethephon and paraquat. *Indian Journal of Experimental Biology*, 23: 60-62.

### **Country Reports Supervised/edited/authored**

- MoEFCC. (2022). India's long-term low-carbon development strategy. Ministry of Environment, Forest and Climate Change, Government of India.
- MoEFCC. (2022). India's Updated First Nationally Determined Contribution Under Paris Agreement. Ministry of Environment, Forest and Climate Change, Government of India.
- MoEFCC. (2021). *India: Third Biennial Update Report to the United Nations Framework Convention on Climate Change*. Ministry of Environment, Forest and Climate Change, Government of India.
- MoEFCC. (2018). *India: Second Biennial Update Report to the United Nations Framework Convention on Climate Change*. Ministry of Environment, Forest and Climate Change, Government of India. ISBN: 978-81-938531-2-2.
- MoEFCC. (2016). *India's Intended Nationally Determined Contribution: Working towards Climate Justice*. Ministry of Environment, Forest and Climate Change, Government of India.
- MoEFCC. (2015). *India: First Biennial Update Report to the United Nations Framework Convention on Climate Change*. Ministry of Environment, Forest and Climate Change, New Delhi.
- Arora, S., & Bhatt, J. R. (2008). *National Biodiversity Action Plan*. Ministry of Environment and Forests, Government of India. pp 66
- MoEFCC. (1999). *Country Report on Climate Change*. Regional Conference on Activities related to Climate Change in Asian Countries: Potentials of Regional Cooperation after COP-4 (February 11-13, 1999), Bangkok and Pattaya, Thailand.
- MoEFCC. (1996). *India: Country Report on Climate Change*. Fifth Asia Pacific Seminar on Climate Change (January 23-25, 1996), Sendai City, Japan.
- MoEFCC. (1996). *Country Paper on Climate Change*. ESCAP's Expert Group Meeting on Regional Cooperation on Climate Change (May 6-8, 1996). United Nations Conference Centre, Bangkok, Thailand.

- MoEFCC. (1996). *Country Report on Climate Change*. Sixth Asia Pacific Seminar on Climate Change (November 4-8, 1996), Suva, Fiji.
- MoEFCC. (1996). *India's report to Fourth Session of Commission on Sustainable Development*. Ministry of External Affairs, New Delhi.

## **INTERNATIONAL ENGAGEMENTS**

Nominated by Government of India in over 90 important international meetings owing to deep technical, scientific knowledge, extensive policy experience and an unreserved commitment to India led development. Protected India's interests articulating concerns of development, equity and justice These are tabulated below: -

<b>Year</b>	<b>Date</b>	<b>Organizer</b>	<b>Location</b>	<b>Purpose of Event</b>
2023	13 <sup>th</sup> - 18 <sup>th</sup> March	IPCC	Interlaken, Switzerland	IPCC 58 <sup>th</sup> Session
2022	6 <sup>th</sup> -18 <sup>th</sup> November	UNFCCC	Sharm El-Sheikh, Egypt	27 <sup>th</sup> COP of the UNFCCC
2022	27 <sup>th</sup> -30 <sup>th</sup> September	IPCC	Geneva, Switzerland	IPCC 57 <sup>th</sup> Session
2022	6 <sup>th</sup> -16 <sup>th</sup> June	UNFCCC	Bonn, Germany	56 <sup>th</sup> Session of Scientific and Technological Advice and Subsidiary Body for Implementation to UNFCCC
2021	31st Oct – 12th Nov	UNFCCC	Glasgow, United Kingdom	26th COP of the UNFCCC
2021	16 <sup>th</sup> – 18 <sup>th</sup> March	IPCC	Virtual	60 <sup>th</sup> Session of IPCC Bureau
2021	22 <sup>nd</sup> – 26 <sup>th</sup> March	IPCC	Virtual	53 <sup>rd</sup> bis Session of the IPCC
2021	6 <sup>th</sup> – 7 <sup>th</sup> April	IPCC	Virtual	60 <sup>th</sup> (bis) Session of the IPCC Bureau
2021	31 <sup>st</sup> May – 17 <sup>th</sup> June	UNFCCC	Virtual	54 <sup>th</sup> Session of Scientific and Technological Advice and Subsidiary Body for Implementation to UNFCCC
2021	26 <sup>th</sup> July – 6 <sup>th</sup> August	IPCC	Virtual	54 <sup>th</sup> Session of the IPCC (IPCC-54) and WGI AR6 Approval Plenary (WGI-14)
2020	24 <sup>th</sup> – 28 <sup>th</sup> Feb	IPCC	Paris, France	52 <sup>nd</sup> Session of the IPCC and the approval of the outline of the Synthesis Report of AR6

<b>Year</b>	<b>Date</b>	<b>Organizer</b>	<b>Location</b>	<b>Purpose of Event</b>
2020	19 <sup>th</sup> – 20 <sup>th</sup> May	IPCC	Virtual	58 <sup>th</sup> Bureau meeting of IPCC
2020	1 <sup>st</sup> – 10 <sup>th</sup> June	UNFCCC	Virtual	June Momentum Session
2020	13 <sup>th</sup> – 14 <sup>th</sup> October	IPCC	Virtual	59 <sup>th</sup> Session of the Bureau meeting of IPCC
2020	23 <sup>rd</sup> November – 4 <sup>th</sup> December	UNFCCC	Virtual	Climate Dialogues 2020
2020	7 <sup>th</sup> – 14 <sup>th</sup> December	IPCC	Virtual	53 <sup>rd</sup> Session of IPCC
2019	2 <sup>nd</sup> – 13 <sup>th</sup> Dec	UNFCCC	Madrid, Spain	25 <sup>th</sup> COP of the UNFCCC
2019	20 <sup>th</sup> – 25 <sup>th</sup> Sept	IPCC	Monaco	51 <sup>st</sup> Session of the IPCC and approval of Special Report on Oceans and the Cryosphere
2019	2 <sup>nd</sup> – 6 <sup>th</sup> Aug	IPCC	Geneva, Switzerland	50 <sup>th</sup> Session of the IPCC and approval of Special Report on Climate change and Land.
2018	3 <sup>rd</sup> -14 <sup>th</sup> Dec	UNFCCC	Katowice, Poland	24 <sup>th</sup> COP of the UNFCCC
2018	1 <sup>st</sup> – 5 <sup>th</sup> Oct	IPCC	Incheon, Republic of Korea	48 <sup>th</sup> Session of the IPCC and approval of Special Report on Global Warming at 1.5 deg.
2018	17 <sup>th</sup> -19 <sup>th</sup> June	Germany and Poland	Berlin, Germany	9 <sup>th</sup> Petersberg Climate Dialogue
2018	30 <sup>th</sup> April – 10 <sup>th</sup> May 2018	UNFCCC	Bonn, Germany	48 <sup>th</sup> session of Subsidiary Body for Scientific and Technological Advice and Subsidiary Body for Implementation to UNFCCC
2018	19 <sup>th</sup> - 23 <sup>rd</sup> March	IORA	Perth, Australia	Indian Ocean Conference on Blue Carbon
2018	13 <sup>th</sup> - 16 <sup>th</sup> March	IPCC, WMO	Paris, France	47 <sup>th</sup> session of the IPCC
2017	06 <sup>th</sup> - 17 <sup>th</sup> Nov	UNFCCC	Bonn, Germany	23 <sup>rd</sup> COP of the UNFCCC
2017	05 <sup>th</sup> - 10 <sup>th</sup> Sep	IPCC, WMO	Montreal, Canada	46 <sup>th</sup> session of the IPCC and 54 <sup>th</sup> session of the IPCC Bureau



<b>Year</b>	<b>Date</b>	<b>Organizer</b>	<b>Location</b>	<b>Purpose of Event</b>
2017	08 <sup>th</sup> to 18 <sup>th</sup> May	UNFCCC	Bonn, Germany	46 <sup>th</sup> session of Subsidiary Body for Scientific and Technological Advice and Subsidiary Body for Implementation to UNFCCC
2017	28 <sup>th</sup> to 31 <sup>st</sup> March	IPCC, WMO	Guadalajara, Mexico	45 <sup>th</sup> session of the IPCC and 53 <sup>rd</sup> session of the IPCC Bureau
2016	07 <sup>th</sup> to 14 <sup>th</sup> November	UNFCCC	Marrakech, Morocco	22 <sup>nd</sup> COP of the UNFCCC and 45 <sup>th</sup> session of Subsidiary Body for Scientific and Technological Advice and Subsidiary Body for Implementation to UNFCCC
2016	17 <sup>th</sup> to 20 <sup>th</sup> October	IPCC, WMO	Bangkok, Thailand	44 <sup>th</sup> session of IPCC
2016	27 <sup>th</sup> to 29 <sup>th</sup> July	Japan's Ministry of Environment (JMoE)	Ulaanbaatar, Mongolia	14 <sup>th</sup> Workshop on GHG Inventories in Asia (WGIA14) Capacity Building for Measurement, Reporting and Verification
2016	16 <sup>th</sup> to 26 <sup>th</sup> May	UNFCCC	Bonn, Germany	44 <sup>th</sup> session of Subsidiary Body for Scientific and Technological Advice and Subsidiary Body for Implementation to UNFCCC
2016	16 <sup>th</sup> – 17 <sup>th</sup> February	IPCC, WMO	Geneva, Switzerland	51 <sup>st</sup> session of the IPCC Bureau
2015	5 <sup>th</sup> – 9 <sup>th</sup> October	IPCC, WMO	Dubrovnik, Croatia	42 <sup>nd</sup> session of IPCC and Fiftieth session of IPCC Bureau
2015	30 <sup>th</sup> November – 12 <sup>th</sup> December	UNFCCC	Paris, France	21 <sup>st</sup> COP to the UNFCCC
2015	1 <sup>st</sup> - 11 <sup>th</sup> June	UNFCCC	Bonn, Germany	42 <sup>nd</sup> session of Subsidiary Body for Scientific and Technological Advice and Subsidiary Body for Implementation
2015	22 <sup>nd</sup> - 27 <sup>th</sup> March	CBD	Colombo, Sri Lanka	Regional Workshop to facilitate the description of ecologically or biologically significant marine areas (EBSAs) in the North-East Indian Ocean Region
2015	23 <sup>rd</sup> – 24 <sup>th</sup> February	ICIMOD	Kathmandu, Nepal	3 <sup>rd</sup> Regional Strategic Consultative Meeting on the Khangchendzonga Landscape

<b>Year</b>	<b>Date</b>	<b>Organizer</b>	<b>Location</b>	<b>Purpose of Event</b>
				Conservation and Development Initiative
2014	14 <sup>th</sup> - 17 <sup>th</sup> October	GIZ and CBD	PyeongChang, Republic of Korea	Side events organized by GIZ India on TEEB India Initiative, Coastal and Marine Project at CBD COP12.
2014	05 <sup>th</sup> - 09 <sup>th</sup> May	GIZ	Brazil	2 <sup>nd</sup> dialogue on 'TEEB implementation in Brazil, Germany and India' and International Workshop on 'Business and Natural Capital: Dialogues for a sustainable Partnership'.
2013	22 <sup>nd</sup> - 25 <sup>th</sup> September	GIZ	Germany	Dialogue on TEEB implementation in Brazil, Germany and India'.
2013	26 <sup>th</sup> - 30 <sup>th</sup> August	UNDP	Costa Rica	Participated in a learning visit to Costa Rica for South-South Cooperation under the GEF/UNDP project entitled 'Mainstreaming Conservation and Sustainable use of Medicinal Plants Diversity in Three Indian States'
2012	11 <sup>th</sup> - 20 <sup>th</sup> November	IUCN	Karachi, Pakistan	9 <sup>th</sup> meeting of Regional Steering Committee (RSC-9)
2012	30 <sup>th</sup> July - 3 <sup>rd</sup> August	CBD	Mauritius	EBSA workshop to facilitate the description of EBSAs
2012	30 <sup>th</sup> April - 5 <sup>th</sup> May	CBD	Montreal, Canada	SBSTTA-16 to the Convention on Biological Diversity
2011	7 <sup>th</sup> - 11 <sup>th</sup> November	CBD	Montreal, Canada	SBSTTA-15 to the Convention on Biological Diversity
2011	24 <sup>th</sup> - 28 <sup>th</sup> October	IUCN	Maldives	8 <sup>th</sup> Mangroves for Future (MFF) Regional Steering Committee Meeting at Maldives
2011	29 <sup>th</sup> -31 <sup>st</sup> March	FAO	Phuket, Thailand	2 <sup>nd</sup> Project Steering Committee meeting of FAO/GEF Bay of Bengal Large Marine Ecosystem Project.
2010	24 <sup>th</sup> - 25 <sup>th</sup> August	FAO	Bangkok, Thailand	Transboundary Diagnostic Analysis (TDA) Consultation Planning Workshop of Bay of

<b>Year</b>	<b>Date</b>	<b>Organizer</b>	<b>Location</b>	<b>Purpose of Event</b>
				Bengal large Marine Ecosystem (BOBLME) project.
2010	28 <sup>th</sup> - 30 <sup>th</sup> July	UNDP	Maldives	Effective Communication Workshop under MFF initiative – UNDP/GEF BOBLME project.
2010	25 <sup>th</sup> – 27 <sup>th</sup> June	MFF IUCN	Hanoi, Vietnam	Workshop on Coastal Management, Mangroves and Carbon Sequestration.
2010	3 <sup>rd</sup> - 4 <sup>th</sup> March	FAO	Dhaka, Bangladesh	1 <sup>st</sup> project Steering Committee (PSC) of FAO/GEF on Bay of Bengal Large Marine Ecosystem (BOBLME) project.
2010	25 <sup>th</sup> – 28 <sup>th</sup> January	IUCN	Thailand	6 <sup>th</sup> Meeting of the Regional Steering Committee (RSC-6).
2009	20 <sup>th</sup> – 22 <sup>nd</sup> October	SEAFDEC	Thailand	Meeting of Andaman Sea Sub-region at Phuket.
2009	27 <sup>th</sup> – 31 <sup>st</sup> October	UNDP	South Africa	Study cum Knowledge Exchange visit to South Africa under South –South Cooperation Component of UNDP-CCF-II Project on National program on promoting Conservation of Medicinal Plants and Traditional Knowledge for enhancing Health and Livelihood Security
2009	6 <sup>th</sup> – 10 <sup>th</sup> July	IUCN	Seychelles	5 <sup>th</sup> Regional Steering Committee (RSC-5) of IUCN-MFF Project at Mahe
2008	9 <sup>th</sup> – 10 <sup>th</sup> June	IUCN	Thailand	3 <sup>rd</sup> Regional Steering Committee (RSC-3) of IUCN-MFF Project at Pranburi
2008	24 <sup>th</sup> – 26 <sup>th</sup> May	Ministry of Environment, Government of Japan	Kobe, Japan	G-8 Environment Ministers Meeting
2008	21 <sup>st</sup> – 24 <sup>th</sup> April	IUCN	Sri Lanka	IUCN-Mangroves for Future Initiative: Review Forum
2007	3 <sup>rd</sup> – 4 <sup>th</sup> December	IUCN	Bangkok, Thailand	IUCN's Project 'Mangroves for Future (MFF): 2 <sup>nd</sup> Regional Steering Committee Meeting at

<b>Year</b>	<b>Date</b>	<b>Organizer</b>	<b>Location</b>	<b>Purpose of Event</b>
2007	30 <sup>th</sup> October - 2 <sup>nd</sup> November	IUCN	Yogyakarta, Indonesia	IUCN-UNFCCC sponsored Training Workshop on 'Developing Adaptation Strategies to Climate Change'
2007	24 <sup>th</sup> – 25 <sup>th</sup> September	IMOSEB Secretariat	Beijing, China	IMOSEB: Asian Regional Consultations
2007	18 <sup>th</sup> – 19 <sup>th</sup> June	FAO	Bangkok, Thailand	FAO sponsored Project Appraisal Workshop for Bay of Bengal Large Marine Ecosystem (BOBLME) project.
2003	19 <sup>th</sup> – 22 <sup>nd</sup> February	IPCC	Paris, France	20 <sup>th</sup> Session of the Inter-governmental Panel on Climate Change at UNESCO Headquarters
2001	24 <sup>th</sup> – 25 <sup>th</sup> October	UNEP	Paris, France	UNEP Collaborating Centre on Energy and Environment sponsored workshop on climate change and on Sustainable Development and Climate Change
2001	3 <sup>rd</sup> – 5 <sup>th</sup> October	Conference Secretariat	Calgary, Canada	Informal meeting on Cleaner Energy
2001	28 <sup>th</sup> February - 03 <sup>rd</sup> March	IPCC	Accra, Ghana	6 <sup>th</sup> Session of Working Group III of the Inter-Governmental Panel on Climate change (IPCC)
1999	12 <sup>th</sup> – 14 <sup>th</sup> October	Conference Secretariat	Bangkok Thailand.	Regional Inception Workshop on Institutional Mechanisms
1999	10 <sup>th</sup> – 14 <sup>th</sup> May	ADB	Manila, Philippines	Thematic Workshop on Greenhouse Gas Inventories & Mitigation of GHG emissions
1999	11 <sup>th</sup> – 13 <sup>th</sup> February	Conference Secretariat	Bangkok and Pattaya, Thailand	Regional Conference on Activities related Climate Change in Asian Countries: Potentials for Regional Cooperation after COP-4
1998	29 <sup>th</sup> September - 3 <sup>rd</sup> October	IPCC	Vienna, Austria	Meetings of the three Working Groups and the Fourteenth Session of the Inter-governmental Panel on Climate Change (IPCC)

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1998	22 <sup>nd</sup> – 25 <sup>th</sup> June	APN Secretariat	Phuket, Thailand	8 <sup>th</sup> Asia Pacific Seminar on Climate Change
1997	12 <sup>th</sup> – 14 <sup>th</sup> November	ADB	Manila, Philippines	ALGAS Final Regional Workshop
1997	17 <sup>th</sup> – 21 <sup>st</sup> February	ADB	Manila, Philippines	ALGAS Regional Training Workshop on preparation of GHG Mitigation projects
1996	4 <sup>th</sup> – 8 <sup>th</sup> November	APN Secretariat	Suva, Fiji	6 <sup>th</sup> Asia Pacific Seminar on Climate change
1996	6 <sup>th</sup> – 8 <sup>th</sup> May	ESCAP	Bangkok, Thailand	ESCAP's Expert Group Meeting on Regional Cooperation on Climate Change
1996	23 <sup>rd</sup> – 25 <sup>th</sup> January	APN secretariat	Sendai, Japan	5 <sup>th</sup> Asia Pacific Seminar on Climate Change
1995	11 <sup>th</sup> – 14 <sup>th</sup> October	IPCC	Geneva, Switzerland	4 <sup>th</sup> Session of Working Group-III of Intergovernmental Panel on climate change
1995	25 <sup>th</sup> – 28 <sup>th</sup> July	IPCC	Geneva, Switzerland	3 <sup>rd</sup> Session of Working Group-III of Inter-governmental Panel on climate Change
1995	5 <sup>th</sup> – 9 <sup>th</sup> June	ADB	Manila, Philippines	ALGAS "Approach and Methodology Workshop" and ALAS Project Review Board Meeting at Asian Development Bank Headquarters
1995	28 <sup>th</sup> March –7 <sup>th</sup> April	UNFCCC	Berlin, Germany	1 <sup>st</sup> Conference of Parties to the United Nations Framework Convention on Climate Change
1995	6 <sup>th</sup> – 7 <sup>th</sup> February	ADB	Manila, Philippines	A study of least cost greenhouse gas abatement strategy for Asia (ALGAS): Project Initiation Meeting at Asian Development Bank Headquarters
1994	27 <sup>th</sup> – 28 <sup>th</sup> September	IPCC	Geneva, Switzerland	2 <sup>nd</sup> of Working Group III of the Inter-Governmental Panel on Climate Change
1994	7 <sup>th</sup> – 9 <sup>th</sup> June	Conference Secretariat	Copenhagen, Denmark	International Conference on National Action to Mitigate Global Climate Change

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1994	28 <sup>th</sup> – 30 <sup>th</sup> March	APN Secretariat	Osaka, Japan	3 <sup>rd</sup> Asia Pacific Seminar on Climate Change
1993	3 <sup>rd</sup> – 7 <sup>th</sup> May	IPCC	Montreal, Canada	1 <sup>st</sup> session of re-organized Working Group III of Inter-governmental Panel on Climate Change
1993	14 <sup>th</sup> – 16 <sup>th</sup> April	WMO	Switzerland, Geneva	Inter-Governmental Meeting on World Climate Programme "Climate Change"
1993	12 <sup>th</sup> – 20 <sup>th</sup> March	UNFCCC	New York, USA	7 <sup>th</sup> session of Inter-Governmental Negotiating Committee for Framework Convention on Climate Change at UN Headquarters
1992	8 <sup>th</sup> – 12 <sup>th</sup> February	IPCC	Geneva, Switzerland	1 <sup>st</sup> session of re-organized Working Group II of Inter-Governmental Panel on Climate Change
1992	25 <sup>th</sup> – 29 <sup>th</sup> October	IPCC	Massachusetts, USA	Biotic Feedbacks in the Global Climate System Workshop
1992	12 <sup>th</sup> – 28 <sup>th</sup> February	Australian International Development Assistance Bureau	Sydney, Australia	Climate Change Assessment and Management Program for Government Officials

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