

Curriculum Vitae of Dr. Vinod B. Mathur, D.Phil. (Oxon.)

Name : Dr. Vinod Bihari Mathur

Present Designation & Address : Chairperson,
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Date of Birth : 03 August, 1959

Pay Scale : Apex pay scale equivalent to that of Secretary to the Govt. of India w.e.f. June, 2018.



Summary

After serving for 33 years at the prestigious Wildlife Institute of India (WII), a wildlife research and training institution of the Ministry of Environment, Forest & Climate Change, Govt. of India including as the Dean (2005–2014) and subsequently as the Director (upto August 31st 2019) Dr. Vinod B. Mathur was appointed as the Chairperson of the National Biodiversity Authority (NBA) on September 1st 2019. The NBA is the apex statutory body of the Government of India for providing advisory and regulatory services on all matters relating to biodiversity conservation, management and Access and Benefit Sharing (ABS) of biological resources.

Dr. Mathur joined the Indian Forest Service (IFS) and topped the 1983-85 IFS Professional Course at the Indira Gandhi National Forest Academy (IGNFA), Dehradun and also the XLV Foundational Course at Lal Bahadur Shastri National Academy of Administration (LBSNAA), Mussoorie in 1985. He obtained his doctorate degree in wildlife ecology from the University of Oxford, United Kingdom in 1991. He has been the Regional Vice-Chair of the IUCN-World Commission on Protected Areas (WCPA-South Asia) (2011-2021) and Member of the International Association of Impact Assessment (IAIA) since 1999.

He has now spent over three decades in actively contributing to a wide range of field conservation programmes in the area of biodiversity conservation and especially focusing on building technical capacity and mentoring of young professionals. He has extensive experience as an environmental professional and his special interest include natural resource management, environmental & strategic impact assessment and access and benefit sharing of biological resources in a fair and equitable manner. He was instrumental in developing and successfully implementing a Govt. of India sponsored “Endangered Species Recovery Programme” covering 4 species viz., Great Indian Bustard, Dugong, Gangetic Dolphin and Manipur Deer.

He has been actively contributing on research-policy interface issues and has been the Regional Vice-Chair (Asia-Pacific Region) of United Nations Intergovernmental Platform on Biodiversity and Ecosystem Services (UN-IPBES) Multi-disciplinary Expert Panel (MEP) (2014-2018). He is currently the UN-IPBES Bureau Member (2019-2022) and the UN-CBD Bureau Member (2019-2022) for the Asia-Pacific Region. He has also been the Chair of the UN-CBD Informal Advisory Group for developing synergies between seven biodiversity-related Conventions. He has been part of the official Indian delegation for CBD, UNESCO World Heritage Committee, CMS and CITES Meetings since 2006 and has in-depth knowledge about the working of these Conventions.

He possesses an outstanding scholastic record coupled with strong leadership skills and networking capabilities. He has made significant contribution as a ‘Scientific Administrator’ and in promoting ‘Scientific Research’ *inter-alia* through both publications and outreach programmes in the field of biodiversity conservation. He has successfully raised over USD 50 million in the form of sponsored/collaborative projects with national and international agencies during his tenure as Director, WII. He has been designated as the Mission Leader of the Prime Ministers’ Science, Technology, Innovation, Advisory Council (PM-STIAC) sponsored National Mission on Biodiversity and Human Well-being (2019-2029).

Currently he is leading India’s initiatives to effectively implement the Biological Diversity Act, 2002; promote biodiversity mainstreaming; preparing biodiversity finance and resource mobilization plans and promoting green infrastructure development. He is actively contributing to participatory biodiversity governance and promoting the Access and Benefit Sharing (ABS) process and actively contributing to UN Post-2020 Global Biodiversity Framework negotiations. He has been selected as the Chairperson of the International Standard Organization (ISO), Switzerland *Biodiversity Advisory Group* ISO/TC/331 (2021-2024).

Detailed CV

Educational Qualifications:

Degree/ Diploma	Name of the Institution/ University	Year of Passing	Grade/ Division	% of Marks	Main Subjects
B.Sc.	University of Rajasthan, Jaipur	1979	I (First in the Order of Merit)	79.9	Zoology, Botany, Chemistry
M.Sc.	University of Rajasthan, Jaipur	1981	I (First in the Order of Merit)	76.8	Zoology
AIFC (Hons.)	Indian Forest College (IFC), Dehradun	1985	I (First in the Order of Merit)	76.3	Forestry & Allied Subjects
XLV Foundation Course	LBS National Academy of Administration (LBSNAA), Mussoorie	1985	I (First in the Order of Merit)	65.0	Law, History, Economics & Public Administration
D.Phil.*	University of Oxford, United Kingdom	1991	-	-	Wildlife Ecology

***Thesis Title: The ecological interaction between habitat composition, habitat quality and abundance of some wild ungulates in India.**

Professional Qualifications:

S. No.	Designation	Name of Organization	From	To	Nature of Job
1	Indian Forest Service (IFS) Probationer	Indian Forest College (IFC), Dehradun	09.05.83	07.04.85	Undertake professional training in Forestry & Allied Subjects
2	IFS Probationer	LBS National Academy of Administration (LBSNAA), Mussoorie	08.04.85	31.07.85	Undertake professional training in Law, History, Economics & Public Administration
3	Assistant Conservator of Forests	Directorate of Forests, Government of West Bengal	13.08.85	25.11.86	Forest and Wildlife Management
4	Scientist	Wildlife Institute of India, Dehradun	26.11.86	31.10.05	Training, Teaching and Research in Wildlife Conservation and Management
5	Dean	Wildlife Institute of India, Dehradun	01.11.05	17.02.14	Training, Teaching, Research, Coordination, Administration and Advisory Services to the MoEF on Wildlife Conservation and Management Issues

6a	Director	Wildlife Institute of India, Dehradun	18.02.14	31.08.19	To act as Head of the Institute and exercise administrative, financial and academic powers and such other work as may be assigned by the Government/ Wildlife Institute of India Society.
6b	Director, UNESCO Category 2 Centre on World Natural Heritage Management and Training for Asia- Pacific Region	Wildlife Institute of India, Dehradun	02.09.15	31.08.19	To act as Head of the UNESCO Centre at WII and exercise administrative, financial and academic powers and such other work as may be assigned by the Government/ Wildlife Institute of India Society.
7	Chairperson	National Biodiversity Authority, Chennai	01.09.19	Up-to-date	To act as the Chief Executive and Chief Environmental Regulator and perform regulatory, administrative, financial functions and provide advisory services to Central Government and other national and international agencies on all aspects of biodiversity conservation and to promote access and benefit sharing processes .

Area of Specialization

Major discipline : Biodiversity Conservation and Management

Subject specialization :

1. Access and Benefit Sharing (ABS) of Biological Resources
2. Biodiversity Governance and Outreach
3. Protected Areas Research, Management and Training
4. Knowledge Management
5. Research Policy Interface

Membership of National/ International Professional Association/ Bodies:

S. No.	Name of National/ International Professional Association/ Bodies	Position held Chairman/ Member/ Other
1)	International Standards Organization (ISO), Switzerland	Chairperson, Biodiversity Advisory Group ISO/TC 331 (2021-2024)
2)	UN-Convention on Biological Diversity (CBD)	Bureau Member (Asia Pacific Region) (2019-2022)
3)	United Nations Intergovernmental Platform on Biodiversity and Ecosystem Services (UN-IPBES)	Bureau Member (Asia Pacific Region) (2019-2022)
4)	UN-IPBES Task Force on Policy Support Tools and Methodologies	Co-chair
5)	United Nations Intergovernmental Platform on Biodiversity and Ecosystem Services (UN-IPBES) Task Force on Capacity Building	Member
6)	IUCN World Commission on Protected Areas (WCPA)	Regional Vice Chair (South Asia) (2011-2021)
7)	IUCN World Commission on Ecosystem Management (CEM)	Member
8)	International Union of Forestry Research Organization	Member, Division 8.06 (Wildlife Conservation and Management)
9)	International Association of Impact Assessment (IAIA), USA	Member, Biodiversity and Ecology Section
10)	UNESCO World Heritage Centre, Paris	Expert for World Natural Heritage Conservation
11)	IUCN Task Force on Management Effectiveness Evaluation	Member
12)	IUCN Task Force on Capacity Building	Member
13)	IUCN Task Force on Biodiversity Outcomes	Member
14)	Indian Institute of Forest Management (IIFM), Bhopal	Member, Academic Council
15)	Indian Institute of Public Administration (IIPM), New Delhi	Member
16)	UN-CBD Informal Advisory Group on Building Synergies between 7 Biodiversity-related Conventions	Chairperson & Member (2018-2019)
17)	IUCN-CEM-Thematic Group on Impact Mitigation and Ecological Compensation	Member

PhD Research Supervision

I have supervised doctorate research of following 19 researchers between 1998 and 2022:

S. No.	Name of the Researcher	Thesis Title	University	Year
1.	H.S. Pabla	Development of a user-friendly wildlife monitoring methodology for protected areas in India.	Forest Research Institute	1998
2.	Yogesh Dubey	Application of geographic information system (GIS) in assessing habitat, resource availability and its management in Tadoba Andhari Tiger Reserve, Maharashtra.	Forest Research Institute	1999
3.	Suneet Naithani	Habitat characterization in Great Himalayan National Park (GHNP) using remote sensing and geographical information system technologies with special emphasis on geobotanical aspects.	Forest Research Institute	2000
4.	Sanjay Srivastava	Development of community based participatory approaches for resource conservation in Dalma Wildlife Sanctuary in Jharkhand.	Forest Research Institute	2004
5.	Rashid Raza	Diversity and rarity in avifaunal assemblages in the Western Himalaya: A study of patterns and mechanisms.	Forest Research Institute	2006
6.	Panna Lal	Developmental of spatial database in geographical information system domain for Bandhavgarh tiger reserve and assessment of landuse / landcover changes.	Forest Research Institute	2007
7.	Ambica Paliwal	Geospatial modelling of ungulate habitat relationships in Tadoba - Andhari Tiger Reserve, Maharashtra.	Saurashtra	2008
8.	Tej B. Thapa	Habitat suitability evaluation for leopard (<i>Panthera pardus</i>) using remote sensing and GIS in and around Chitwan National Park, Nepal.	Saurashtra	2011
9.	Bitapi Sinha	Evaluating effectiveness of interpretive facilities in enhancing conservation awareness in selected tiger reserves in India.	Bhartiya Vidhyapeeth Pune	2012

10.	Pradeep Vyas	Biodiversity conservation in Indian Sundarban in the context of anthropogenic pressures and strategies for impact mitigation.	Saurashtra	2012
11.	Shivani Chandola	An assessment of human-wildlife interaction in the Indus Valley, Ladakh, Trans-Himalaya.	Saurashtra	2012
12.	Sahas Barve	Determinants of altitudinal range limits in West Himalayan birds.	Cornell, USA	2017
13.	Samir Sinha	An evaluation of Convention of International Trade in Endangered Species of Wild Fauna and Flora (CITES) implementation in South Asia with special reference to India.	Saurashtra	2017
14.	Anant Pande	Nesting Ecology and Population Genetics of Snow Petrel (<i>Pagodroma nivea</i>) in east Antarctica	Saurashtra	2019
15.	A. Pragatheesh	Assessment of the existing National Highway-7 and its proposed widening on habitat use and movement of wild animals in Pench Tiger Reserve, Madhya Pradesh	Saurashtra	2020
16.	Ajay Srivastava	Assessment of Management Effectiveness of Great Himalayan National Park Conservation Area (GHNPCA), Himachal Pradesh	Saurashtra	2017 (ongoing)
17.	Rajiv Bhartari	An assessment of community-based tourism initiatives in Corbett Tiger Reserve, India	Montana, USA	2017 (ongoing)
18.	Rajesh Kumar Gupta	Relocation as a Conservation tool: A Study of Sariska Tiger Reserve, Rajasthan	Saurashtra	2017 (ongoing)
19.	Bipin CM	Behaviour and Habitat use of the Great Indian Bustard (<i>Ardeotis Nigriceps</i>) in Thar Desert, Rajasthan: Implications for conservation management of their population.	Saurashtra	2017 (ongoing)

International Working/ Consultancy Experience

I have worked as a short/ long term consultant and in collaborative projects of a number of international agencies viz. FAO, UNDP, UNEP, UNESCO, UNITAR, World Bank, GEF, ADB, IUCN, GIZ, the details of which are provided in the table below.

List of International Consultancies/ Collaborative Projects (1994-2022)

SI No.	Agency/Organization	Thematic Area	Duration	Status
1.	United Nations Food & Agriculture Organization (UN-FAO)	Protected Area Management Training.	1994-1995	Completed. Trained over 50 PA managers in Sri Lanka through inputs in customized training programmes.
2.	United Nations Food & Agriculture Organization (UN-FAO)	Preparation of Management Plans for Protected Areas in Sri Lanka.	1998-1999	Completed. 7 PA Management Plans prepared
3.	World-Bank-Canadian Environmental Collaborative Ltd. (WB-CEC)	Preparation of Environmental Guidelines for South Asia.	1999-2000	Completed. Output in the form of a book 'Roads, Sensitive Habitats and Wildlife: Environmental Guideline for India and South Asia' published in October, 2000.
4.	United Nations Food and Agriculture Organization (UN-FAO)	Biodiversity Information Management.	1997-2003	Completed. Output in the form of functional Forest Management Information System (FMiS): Biodiversity Information Module in the States of Uttar Pradesh & Uttaranchal.
5.	United Nations Environmental Programme (UNEP)	Preparation of Guidelines for Integration of Biodiversity in Environmental Assessment.	2001	Completed. Output in the form of a report 'National EIA Framework for Integration of Biodiversity Concerns in EIA' produced.
6.	IUCN-Asia	Preparation of Guidelines for National System Planning for Protected Areas.	2001	Completed. Inputs provided in Asia Region Workshop as a Resource Person.
7.	IUCN	Project on 'Linking Conservation with Nature' in the Indian Himalayas.	2001-2002	Completed. Report on 'Evolving Sustainable Livestock Grazing Practices' and 'Biodiversity Conservation through Ecotourism and Community Participation in the Himalayan Landscape' submitted to IUCN.

8.	United Nations Foundation (UNF) and UNESCO	Development of World Heritage Biodiversity Programme for India (WHBPI).	2002 - 2005 (Phase I)	Completed. Funding for the implementation of WHBPI approved by UNF.
9.	UNEP-Global Environmental Facility (GEF)	Independent Evaluation of GEF- UNEP Project 'Barriers and Best Practices in Integrated Management of Mountain Ecosystems'.	2003	Completed. Report accepted and acclaimed by Chief, Evaluation & Oversight Unit, UNEP, Nairobi.
10.	United Nations Institute for Training and Research (UNITAR)	Conservation and Management of World Heritage Sites.	2004, 2007, 2008	Completed. Inputs provided in International Workshop on Natural World Heritage Conservation in Hiroshima, Japan.
11.	UNEP, Nairobi	Independent Evaluation of UNEP Project 'Asia and the Pacific: Networks for Data-Information Generation, Analysis, Observation and Assessment'.	2005-2006	Completed. Report accepted and acclaimed by Chief Evaluation & Oversight Unit, UNEP, Nairobi.
12.	UNESCO	Technical backstopping of UNESCO Project 'Enhancing Our Heritage: Managing and Monitoring for Success in World Natural Heritage Sites.	2001-2008	Completed. Project successfully implemented in 3 South Asian Sites viz Keoladev National Park, Kaziranga National Park and Chitwan National Park, Nepal.
13.	Asian Development Bank (ADB)	Natural Resource Management Expert for the expert panel for preparing the ' <i>Inclusive Tourism</i>	2008-2009	Completed. Tourism Projects formulated in 4 States in India.
14.	Global Environment Facility (GEF)	Peer-review of GEF Portfolio Evaluation in India	2012-13	Completed. Report accepted by the GEF Council.
15.	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) – Phase-I	Scoping Study and Needs Assessment in the field of Strategic Environmental Assessment.	2012-13	Completed. Report approved by GIZ and Phase-II of the project launched.
16.	UNESCO	Building partnerships to support UNESCO's World Heritage Programme: India.	2008-2013	Completed. Report approved by UNESCO.

17.	UNESCO	Climate Change Adaptation Workbook - Responding to Climate Change: A guide for managers	2012-13	Completed. Report approved by UNESCO.
18.	Global Biodiversity Information Facility (GBIF)	Bioinformatics.	2009-2013	Completed. Report approved by GBIF.
19.	GBIF-IPBES	Bioinformatics.	2011-2013	Completed. Report approved by NINA, Norway.
20.	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) – Phase-II	Indo-German Technical Cooperation GIZ Project 'Land use Planning and Strategy Environment Assessment'	2013-2014	Completed. Report approved by GIZ.
21.	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)	Capacity needs assessment for participatory management of coastal and marine protected areas in India	2014-2017	Completed. Report approved by GIZ.
22.	GEF-International Evaluation Office	Biodiversity Mainstreaming	2017-2018	Completed. Report approved by the World
23.	UNDP	Biodiversity Finance Initiative (BIOFIN) Project Phase – I BIOFIN Phase – II, III	2015-2018 2018-2022	Completed. Report approved by UNDP. Ongoing
24.	Asian Development Bank (ADB)	Natural Capital & Green Infrastructure Phase – I Natural Capital & Green Infrastructure Phase- II	2018-2019 2019-2021	Completed. Report Approved by The ADB. Ongoing
25.	Biodiversa, Brussels	Biodiversity Policy & Management Evaluation of European Union Research Projects	2020-2022	Ongoing

These international consultancies/collaborative projects have given me adequate exposure to the global challenges, and strategies that enable me to make meaningful interventions at the national and regional levels in the field of biodiversity and wildlife conservation.

Publications:

Category	Number
(1) Peer-reviewed Papers	32
(2) Books/ Book Chapters	20
(3) Technical/ Research Reports	70
(4) Manuals	14
(5) Protected Area Management Plans	7
(6) Others	153
Total	296

List of publications can be seen at http://nbaindia.org/uploaded/pdf/Page_Summary_of_VBM.pdf

Peer Reviewed Papers

1.	Sensitive Planning and Design of Transportation Corridors: Vital elements for protecting India's wildlife, 2022. Asha Rajvanshi and Vinod B. Mathur . In Impact Assessment for Corridors: From Infrastructure to Development Corridors Jon Hobbs and Juffe-Bignoli (Eds). The Development Corridors Partnership, Cambridge, United Kingdom.
2.	Securing India's Snow Leopards: Status, Threats and Conservation, 2022. Yash Veer Bhatnagar, Vinod B. Mathur , S. Sathyakumar, Ranjana Pal, Abheshek Ghosal, Rishi Kumar Shrama, Ajay Bijoor, R. Raghunath, Radhika Timbadia and Panna Lal. In Snow Leopards: Biodiversity of the World: Conservation from Genes to Landscapes. Ed. Philip Nyphus. ELSEVIER
3.	Research and academic institutions complying with ABS mechanisms benefit local communities, conservation efforts and corporations, 2021. Vinod B. Mathur , Ruchi Pant, Mohini Thakur, Neelima Jerath and Vibhupriya Singh. In Access to Genetic Resources and Benefit Sharing: Theory to Practice under the Nagoya Protocol, Ed. Alejandro Lago, UNDP-GEF Global ABS Project publication.
4.	Envisioning a biodiversity science for sustaining human well-being. 2020. Kamaljit S. Bawa, Nandan Nawn, Vinod B. Mathur , Abi Tamin Vanak and Suhel Quader. PNAS/www.pnas.org/cgi/doi/10.1073/pnas.2018436117.2020/Vol.117/no.42/25951-25955
5.	Securing biodiversity, securing our future: A National Mission on Biodiversity and Human Well-being for India. Kamaljit S. Bawa, Asmita Sengupta and Vinod B. Mathur, R. Uma Shaanker and Abi Tamin Vanak.2020 Biological Conservation 253 (2021) 108867.
6.	Developing Electronic Peoples' Biodiversity Registers 2020. Vishwas Chavan and Vinod B. Mathur . Economic & Political Weekly Vol V No. 49, 55-59.
7.	Heritage values through gender: Case studies from South Asia, 2019. Sonali Ghosh and Vinod B. Mathur , IUCN Research Report: "Critical approaches to gender in mountain ecosystems, Edited by Omer Aijazi and Sejuti Basu
8.	Protected Areas Management in India; Challenges and Way Ahead, 2019 M.Onial, Mathur, V.B. , and N.A. Ansar. The Journal of Governance Vol 1B, Issue1, pp 87-96
9.	Baroth, A and Mathur, V.B. 2019. Wildlife conservation through Corporate Social Responsibility (CSR) Initiative in India. Current Science, Vol. 117, No.3, pp 403-411
10.	Malvika Onial, Biba Jasmine, Yashaswi Singh, Anant Pande, Chinnasamy Ramesh, Kuppusamy Sivakumar and Vinod. B. Mathur (2018). Updating India's National Biodiversity Action Plan: The process and way forward. Current Science,115.
11.	Pande A, Rawat N, Sivakumar K, Sathyakumar S, Mathur VB , Mondol S (2018) Cross-species screening of microsatellite markers for individual identification of snow petrel <i>Pagodroma nivea</i> and Wilson's storm petrel <i>Oceanites oceanicus</i> in Antarctica. PeerJ 6:e5243 DOI 10.7717/peerj.5243
12.	Anant Pande, K Sivakumar, S Sathyakumar, R Suresh Kumar, J A Johnson, Samrat Mondol and Vinod B Mathur . 2017. Monitoring Wildlife and their Habitats in the Southern Ocean and Around Indian Research Stations in Antarctica. Proc Indian Natn Sci Acad 83 No. 2 June Thematic Issue 2017 pp. 483-496. DOI: 10.16943/ptinsa/2017/48958.
13.	Salvador, Lyngdoh, Mathur, Vinod B. and Sinha, Bitapi, C. 2017. Tiger, tourists and wildlife: Visitor demographics and experience in three Indian Tiger Reserves. Biodiversity and Conservation. DOI: 10.1007/s10531-017-1352-6 BIODC-D-15-00942.2.
14.	Barve, S., Dhondt, A.A., Mathur, V.B. and Cheviron, Z.A. 2016. Life history characteristics influence physiological strategies to cope with hypoxia in Himalayan birds. Proc. R. Soc. B. 283: 20162201. http://dx.doi.org/10.1098/rspb.2016.2201 .
15.	Habib, B., Rajvanshi, A., Mathur, V.B. and Saxena, A. 2016. Corridors at Crossroads: Linear Development-Induced Ecological Triage as a Conservation Opportunity. Frontiers in Ecology and Evolution. 4: 132.

16.	Saxena, A., Rajvanshi, A. and Mathur, V. B. 2016. Progressive Trends in the Uptake of SEA in South Asia. <i>Journal of Environmental Assessment Policy and Management</i> . 18(2): (22 pages).
17.	Gupta, N., Raghavan, R., Sivakumar, K., Mathur, V.B. , Pinder, A.C. 2015. Assessing recreational fisheries in an emerging economy: Knowledge, perceptions and attitudes of catch-and-release anglers in India. <i>Fisheries Research</i> 165: 79–84.
18.	Gupta, N., Nautiyal, P., Borgohain, A., Sivakumar, K., Mathur, V.B. and Chadwick, M.A. 2014. Catch- and-release angling as a management tool for freshwater fish conservation in India. <i>Fauna & Flora International, Oryx</i> . 50(2): 250-256.
19.	Gupta, N., Raghavan, R., Sivakumar, K. and Mathur, V.B. 2014. Freshwater fish safe zones: a prospective conservation strategy for river ecosystems in India. <i>Current Science</i> . 107(6): 949-950.
20.	Gupta, N., Sivakumar, K., Mathur, V.B. and Chadwick, M.A. 2014. The 'tiger of Indian rivers': stakeholders' perspectives on the golden mahseer as a flagship fish species. <i>Area, Royal Geographical Society</i> . 46(4): 389-397.
21.	Naithani, Suneet and Mathur, V.B. 2014. Specialized Mapping using Climatic Zones for Habitat Conservation. <i>International Journal of Advanced Remote Sensing and GIS</i> . 3(1): 660-668.
22.	Don Carlos, A.W., Teel, T.L., Manfredo, M.J. and Mathur, V.B. 2013. Building Capacity to Enhance Protected Area Management Effectiveness: A Current Needs Assessment for the Asian Context. <i>The George Wright Forum</i> . 30(2): 154–162.
23.	Paliwal, A. and Mathur, V.B. 2013. Spatial pattern analysis for quantification of landscape structure of Tadoba-Andhari Tiger Reserve, Central India. <i>Journal of Forestry Research</i> . 24(4): 27-54.
24.	Teel, T.L., Don Carlos, A.W., Manfredo, M.J. and Mathur, V.B. 2013. A multi- institutional partnership to build capacity for effective protected area management in India: Mid-career training of Indian Forest Service officers at Colorado State University, U.S.A. <i>Journal of Park and Recreation Administration, USA</i> . 31(2): 132-146.
25.	Chavan, V. and Gaikwad, J., Ghosh, M. and Mathur, V.B. 2012. National Biodiversity information outlook – a roadmap for developing national biodiversity information infrastructure in India. <i>Current Science</i> . 103(7): 770-771.
26.	Chandola, S. and Mathur, V.B. 2012. Teachers' knowledge of and attitude towards wildlife and conservation: A case study from Ladakh, India. <i>Mountain Research and Development</i> . 32(2): 69-175.
27.	Paliwal, A. and Mathur, V.B. 2012. Predicting potential distribution of Gaur (<i>Bos gaurus</i>) in Tadoba- Andhari Tiger Reserve, Central India. <i>Journal of Life Sciences</i> . 6:1041-1049.
28.	Bhadouria, B.S.; Mathur, V.B. and Kaul, R. 2011. Monitoring of organochlorine pesticide in and around Keoladeo National Park, Bharatpur, Rajasthan, India <i>Environmental Monitoring and Assessment</i> . 184(9): 5295-5300.
29.	Mathur, V.B. and Padalia, H. 2006. Gap analysis in protected area system in the Andaman and Nicobar Islands, India: Implications for conservation planning <i>International Journal of Biodiversity Science and Management</i> . 2(1): 13-27.
30.	Shirish R.; Dixit, A.M. and Mathur, V.B. 2005. Spatial analysis for identification and evaluation of forested corridors between two protected areas in Central India. <i>Current Science</i> . 88: 1441-1448.
31.	Kala, C.P. and Mathur, V.B. 2002. Patterns of plant species distribution in the Trans-Himalayan region of Ladakh, India. <i>Journal of Vegetation Science</i> . 13(6): 751-754.
32.	Ali, S., Azfer, M.A. Bashamboo, A., Mathur, P.K., Malik, P.K., Mathur, V.B. , Raha, A.K and Ansari, S. 1999. Characterization of a species-specific repetitive DNA from a high endangered wild animal, Rhinoceros unicornis and assessment of genetic polymorphism by microsatellite associated sequence amplification (MASA). <i>Gene</i> . 228: 33-42.

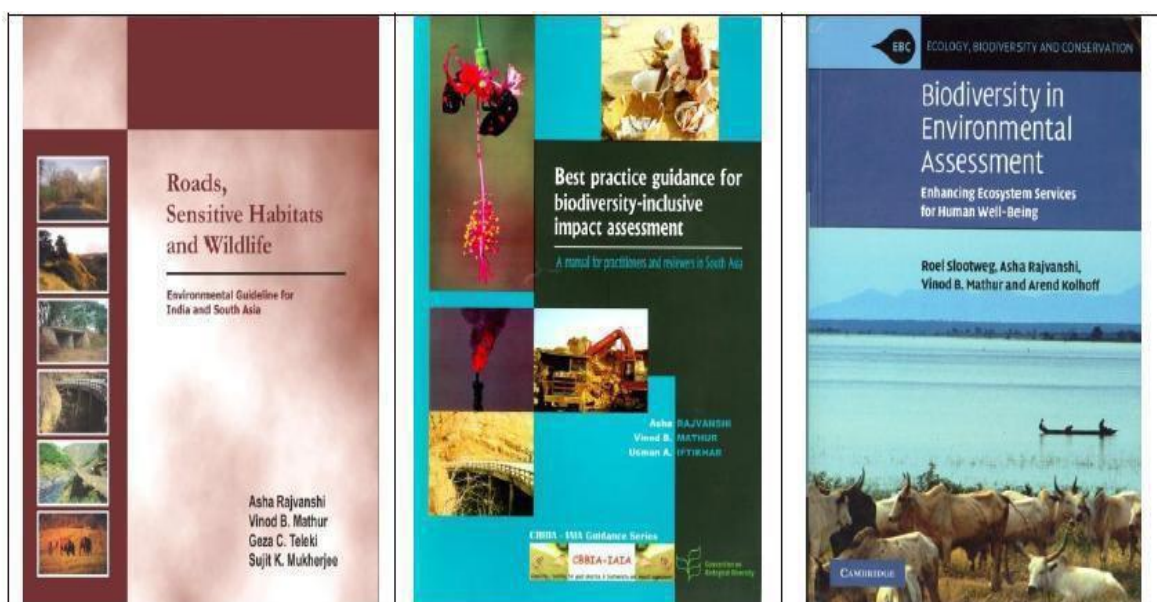
Books Co-authored

1.	Roads, sensitive habitats and wildlife: Environmental guidelines for India and South Asia. 2001. Asha Rajvanshi, V.B. Mathur , Geza C. Teleki and Sujit K Mukherjee. Wildlife Institute of India, Dehradun and Canadian Environmental Collaborative Ltd., Toronto. Pp 215.
2.	Best practice guidance for biodiversity inclusive impact assessment: A guidance document for South Asia. 2007. Asha Rajvanshi, V.B. Mathur and Usman A. Iftikhar. Published on behalf of IAIA- CBBIA project in collaboration with IUCN Asia. Pp 197.
3.	Biodiversity in environmental assessment: Enhancing ecosystem services human well-being. 2010. Roel Slootweg, Asha Rajvanshi, V.B. Mathur and Are Kolhoff. Cambridge University Press, United Kingdom. Pp 437.
4.	India's Green Book: Forests and Wildlife. 2014. Bitapi Sinha, V.B. Mathur and P.R. Sinha. Wildlife Institute of India Publication. Pp 252.

Book Chapters

1.	Hydropower projects and challenges to wildlife conservation in India An overview. 2000. Rajvanshi, A., V.B. Mathur and Mukherjee, S.K. In: <i>Environmental Impacts of Hydropower and River Valley Projects</i> (ed. R.C. Goel). Oxford and IBH Publishing Company Pvt. Ltd. Pp 14
2.	Addressing biodiversity issues in environmental impact assessment. 2004. V.B. Mathur and Asha Rajvanshi. In: Millennium Ecosystem Assessment. Volume 3, Chapter 4. Island Press publication. Pp 621.
3.	Spatial analysis of landscape patterns and relevance for large mammal conservation in the dry- deciduous forests of Central India. 2007. Ambica Paliwal and V.B. Mathur . In: Bruce R.G.H., Jongman, R.H.G., Hojas, L and Weel S. (Eds.) – 25 years Landscape Ecology: Scientific principles in practice. IALE Publication series 4, Wageningen, The Netherlands.
4.	Introduction to environmental assessment. 2010. Roel Slootweg, Asha Rajvanshi, V.B. Mathur and Arend Kolhoff. In Biodiversity in Environmental Assessment: Enhancing Ecosystem Services for Human Well-Being. 2010. Cambridge University Press, United Kingdom. Pp 3-13.
5.	Biodiversity conservation and development: Challenges for impact assessment. 2010. Asha Rajvanshi and V.B. Mathur . In Biodiversity in Environmental Assessment: Enhancing Ecosystem Services for Human Well-Being. Cambridge University Press, United Kingdom. Pp 59-86.
6.	Biodiversity in environmental impact assessment. 2010. Asha Rajvanshi, V.B. Mathur and Roel Slootweg. In Biodiversity in Environmental Assessment: Enhancing Ecosystem Services for Human Well-Being. Cambridge University Press, United Kingdom. Pp 154-204.
7.	Reconciling conservation and development: The role of biodiversity offsets. 2010. Asha Rajvanshi and V.B. Mathur . In Biodiversity in Environmental Assessment: Enhancing Ecosystem Services for Human Well- Being. Cambridge University Press, United Kingdom. Pp 255-286.

8.	Protected area network in Andaman and Nicobar Islands: A gap analysis for biodiversity representation and conservation status. 2010. V.B. Mathur and Hitendra Padalia. Recent Trends in Biodiversity of Andaman & Nicobar Islands. Zoological Survey of India Publication. Pp 519-536
9.	Gap analysis in Andaman and Nicobar India: Recent experiences. 2010. V.B. Mathur and Hitendra Padalia. In Closing the Gap: Creating Ecologically Representative Protected Area Systems. Eds Nigel Dudley and Jeffrey Parish. CBD Secretariat, Montreal. Pp 94-96
10.	Emerging issues in our global environment. 2011. V.B. Mathur. UNEP Year Book United Nations Environment Programme, Nairobi. Website http://www.unep.org/yearbook/2011 . Pp 79.
11.	SEA as a tool for the conservation and sustainable use of biodiversity in developing countries. 2011. Jo Treweek, Susie Brownlie, Helen Byron, Thea Jordan Katia Garcia, Juan carlos Garcia de Brigard, Tarita Holm, David le Maitre, V.B. Mathur Susana Muhamad, Elisabeth Olivier, Asha Rajvanshi, Jan Peter Schemmel, Marti Slater and Kaveh Zahedi. In: <i>Handbook of Strategic Environmental Assessment</i> (eds. Barry Sadler, Ralf Aschemann, Jiri Dusik, Thomas B. Fischer, Maria R. Partidario Rob Verheem. EarthScan Publication. Pp 274-290.
12.	One hundred years of conservation success at Kaziranga National Park, India. 2010. V.B. Mathur and Sue Stolton. In: Arguments for Protected Areas: Multiple Benefits for Conservation and Use. (Eds) Sue Stolton and Nigel Dudley. Earthscan Publication. Pp. 272.
13.	Prioritization of Transboundary Protected Areas in South Asia: The Indian initiative. 2015. S.A. Hussain and V.B. Mathur. Transboundary Conservation: A systematic and integrated approach. IUCN Publication. Pp. 106. Maja Vasiljević et al. (https://portals.iucn.org/library/sites/library/files/documents/PAG-023.pdf).
14.	Managing Threats. 2015. V. B. Mathur, Malvika Onial and Geoffroy Mauvais. The Protected Areas: Governance and Management Book (A Published Book and an E-Book). IUCN Publication. Published by The Australian National University Press. Pp 475-494.
15.	Role of Monitoring in Global Tiger Conservation. K. Ullas Karanth, James D. Nichols, John M. Goodrich, G. Wiswanatha Reddy, Vinod B. Mathur , Hariyo T. Wibisono, Sunarto Sunarto, Anak Pattanavibool and Melvin T. Gumal. Methods for Monitoring Tiger and Prey Populations. Springer.
16.	Snow Leopards: South Asia - India. 2016. Bhatnagar, Y.V., Mathur, V.B., Sathyakumar, S., Ghoshal, A., Sharma, R.K., Bijoor, A., Raghunath, R. Timbadia and P. Lal. Series on Biodiversity of the World - Conservation from Genes to Landscapes. (In) McCarthy, T and Mallon, D., (Eds). Elsevier Inc.Pp: 457-469 ISBN: 978-0-12-802213-9.



Technical/ Research Reports*

1.	Role of national wildlife database in wildlife conservation. 1987. Wildlife Institute of India, Pp 15.
2.	Protected area network in India: A review. 1991. Report prepared for 36 th Working Session of the IUCN's Commission on National Parks & Protected Areas at Asian Institute of Technology, Bangkok. December 1-5, 1991. Pp. 25.
3.	Protected area network in India. 1992. Report prepared for the Ministry of Environment and Forests, Government India for inclusion in the document for UNCED meet at Rio in June, 1992. Pp 21.
4.	Application of remote sensing and GIS in environmental impact assessment studies of Narmadasagar Project. 1994. Report submitted to Narmada Valley Development Authority (NVDA) and Wildlife Institute of India. Pp 59.
5.	Impact assessment studies of Narmadasagar and Omkareshwar projects on flora and fauna and attendant human aspects. 1994. W II-EIA Technical Report 9, Pp 213.
6.	Impact assessment of Haldia-Barauni Pipeline project on wildlife values. 1994. WII-EIA Technical Report 4, Pp 34.
7.	Impact Assessment of Jorhat-Numaligarh Pipeline Project on Wildlife Values. 1994. WII-EIA Technical Report 13, Pp 30.
8.	Spatial pattern analysis of forested landscape between Kanha Tiger Reserve an Achanakmar Sanctuary for identification and evaluation of wildlife corridors. 1995. Wildlife Institute of India. Pp 30.
9.	An evaluation of the proposed nuclear power station site at Nagarjunasagar with special reference to its conservation values. 1996. WII-EIA Technical Report 17. Pp. 43.
10.	Strengthening the national wildlife database-Phase II. 1997. Wildlife Institute of India Pp 25.

* Co-authored

11.	Ecological assessment of the proposed airport site at Lengpui, Mizoram. 1997. WII-EIA Technical Report 20. Wildlife Institute of India, Pp 42.
12.	Ecological assessment of the proposed Mumbai-Pune expressway. 1997. WII-EIA Technical Report 22. Wildlife Institute of India, Pp 72.
13.	Vegetation monitoring in Parambikulam Preservation Plot. 1998. Wildlife Institute of India, Pp 12.
14.	Nandyal-Giddalur-Thokapalli Road Project. The Andhra Pradesh State Highway Rehabilitation and Maintenance Project. 1998. Technical report prepared for the World Bank and Andhra Pradesh Roads and Buildings Department, Wildlife Institute of India. Pp 41.
15.	Establishing computerised wildlife database for conservation, monitoring and evaluation in Tadoba Andhari Tiger Reserve, Maharashtra. 1999. Wildlife Institute of India, Dehradun. Pp 35.
16.	Protected area network in India: A review. 2000. Executive Summary. Wildlife Institute of India, Dehradun. Pp 44.
17.	Conserving biodiversity in the Indian Trans-Himalaya: New initiatives of field conservation in Ladakh. 2001. Report submitted to Wildlife Institute of India, US Fish & Wildlife Service and International Snow Leopard Trust. Pp. 169.
18.	Status and distribution of Hog Deer in India. 2001. Wildlife Institute of India. Pp. 38.
19.	Identifying potential areas for conserving biodiversity in the Indian Himalaya. 2002. US Fish & Wildlife Service. Pp. 194.
20.	Protected area network in India: A review (Revised). 2002. Executive Summary. Wildlife Institute of India, Dehradun. Pp. 44.
21.	Biodiversity characterization in middle Gauriganga Valley, Askot Wildlife Sanctuary, Uttaranchal State. 2003. Technical report submitted to the Indian Institute of Remote Sensing, Dehradun. Pp. 22.
22.	Rapid assessment of habitat availability and wildlife use in the proposed Human River project. Maharashtra State. 2003. W II-EIA Technical Report. Wildlife Institute of India, Pp 27.
23.	UNESCO – IUCN Enhancing our Heritage Project: Monitoring and managing for success in Natural World Heritage sites – Initial management effectiveness evaluation report: Keoladeo National Park, Bharatpur, India. 2003. UNESCO World Heritage Centre, Paris. Pp. 78.
24.	UNESCO – IUCN Enhancing our Heritage Project: Monitoring and managing for success in Natural World Heritage sites – Initial management effectiveness evaluation report: Kaziranga National Park, Assam, India. 2003. UNESCO World Heritage Centre, Paris. Pp. 77.
25.	UNESCO – IUCN Enhancing our Heritage Project: Monitoring and managing for success in Natural World Heritage sites – Initial management effectiveness evaluation report: Royal Chitwan National Park, Nepal. 2003. UNESCO World Heritage Centre, Paris. Pp. 81.
26.	Developing environmental safeguards in identified components of the World Bank Funded IWDP (Hills-II) Shiwalik Project. 2003. Report submitted to the Watershed Management Directorate, Dehradun. Pp71.
27.	Initial management effectiveness evaluation of Keoladev, Kaziranga and Royal Chitwan National Parks under UNESCO-Enhancing our Heritage Project. 2003. Report prepared for the IUCN V World Parks Congress in Durban, South Africa, September 5-17, 2003. Pp 35.

28.	Integrating biodiversity into strategic environmental assessment: Case studies from India. 2004. Report submitted to the Netherlands Commission for EIA. Pp 23.
29.	Forest clearance plan for Omkareshwar Multipurpose Project, Madhya Pradesh. 2004. WII-EIA Technical Report 28. Wildlife Institute of India, Dehradun. Pp 30.
30.	World Heritage Biodiversity Programme for India. 2004. Report submitted to the UNESCO World Heritage Centre, Paris. Pp. 26.
31.	Securing the future: The report of the State Empowered Committee on Forest and Wildlife Management. 2005. Report submitted to the Government of Rajasthan. Pp. 99.
32.	Diversity and rarity in floral and avifaunal assemblages in the Western Himalaya: A study of patterns and mechanisms to devise viable biodiversity conservation strategies. 2005. Wildlife Institute of India. Pp 34.
33.	An ecological assessment of Ban Ganga wetlands, Uttarakhand. 2006. Report submitted to Uttarakhand Forest Department. Pp 83.
34.	Review of the mitigation measures proposed for the widening of NH-14 through Balaram- Ambaji Wildlife Sanctuary. 2007. WII-EIA Technical Report 33. Pp 39.
35.	UNESCO – IUCN Enhancing our Heritage Project: Monitoring and managing for success in Natural World Heritage sites – Final management effectiveness evaluation report: Keoladeo National Park, Bharatpur, India. 2007. UNESCO World Heritage Centre, Paris. Pp. 97.
36.	UNESCO – IUCN Enhancing our Heritage Project: Monitoring and managing for success in Natural World Heritage sites – Final management effectiveness evaluation report: Kaziranga National Park, Bharatpur, India. 2007. UNESCO World Heritage Centre, Paris. Pp. 84
37.	UNESCO – IUCN Enhancing our Heritage Project: Monitoring and managing for success in Natural World Heritage sites – Final management effectiveness evaluation report: Chitwan National Park, Nepal. 2007. UNESCO World Heritage Centre, Paris. Pp. 98.
38.	Rapid assessment of wildlife values in Manas World Heritage Site, Assam, India. 2007. Report submitted to MoEF, New Delhi. Pp. 52.
39.	Evaluation of the ecological and socio-economic consequences of setting up of proposed Mathwad Wildlife Sanctuary and Kathiwad Wildlife Sanctuary, Madhya Pradesh. 2007. WII-EIA Technical 32. Report submitted to Narmada Valley Development Authority, Bhopal. Pp 43.
40.	WII-MoEF-NNRMS Pilot Project ‘Mapping of National Parks and Wildlife Sanctuaries’: Final Technical Report, 2004-2008. Ministry of Environment & Forest Government of India. Pp 45.
41.	Wildlife management and biodiversity conservation. Delhi Development Report. 2009. Report submitted to Planning Commission, New Delhi. Pp 435.
42.	Partners in conservation. 2009. An Indo-US Collaboration for Capacity Building (1989-2005). US Fish & Wildlife Service, USA. Pp 49.
43.	Serial nomination of the Western Ghats of India: Its Natural Heritage for inscription on the World Natural Heritage List. 2009. Report submitted to UNESCO World Heritage Centre, Paris. Pp 248.
44.	India’s Tentative List of Natural Heritage Properties to be inscribed on the UNESCO World Heritage List. 2009. Report submitted to UNESCO World Heritage Centre, Paris. Pp 33.

45.	Serial nomination of the Western Ghats of India: Its Natural Heritage – for inscription on the World Natural Heritage List – Additional information on Section 5.e ‘Property management plan or document management system and statement of objectives of the proposed World Heritage Property’. 2010. Report submitted to UNESCO World Heritage Centre, Paris. Pp 10.
46.	Environmental impact assessment study on flora and fauna in Narmada Canal Project, Rajasthan 2010. Technical report to Narmada Valley Development Authority, India. Pp 126
47.	Nomination of Great Himalayan National Park (GHNP), Himachal Pradesh, India (N 1406) for inscription on the World Natural Heritage List. 2011. Report submitted to UNESCO World Heritage Centre, Paris. Pp 240.
48.	Serial nomination of the Western Ghats of India: India on the UNESCO Natural Heritage List: Supplementary information. 2011. Report submitted to UNESCO World Heritage Centre, Paris. Pp 35.
49.	Nomination of Great Himalayan National Park (GHNP), Himachal Pradesh, India (N 1406) for inscription on the World Natural Heritage List: Revised information on Section 6A Key Indicators for measuring state of conservation. 2011. Report submitted to UNESCO World Heritage Centre, Paris. Pp 3.
50.	Capacity building for Intergovernmental Platform for Biodiversity and Ecosystem Services (IPBES). 2011. Report submitted to GBIF, Copenhagen. Pp 20
51.	Management effectiveness evaluation of Tiger Reserves In India: Process and Outcomes 2010- 2011. Report submitted to National Tiger Conservation Authority, New Delhi. Pp 78.
52.	Macro-level environmental impact assessment study report of Bellary District, Karnataka (As per the Directive of Hon’ble Supreme Court of India). 2011. Report submitted to ICFRE and MoEF. Pp 187.
53.	Macro-level environmental impact assessment study report of Chitradurga District, Karnataka (As per the Directive of Hon’ble Supreme Court of India). 2011. Report submitted to ICFRE & MoEF. Pp. 175.
54.	Macro-level environmental impact assessment study report of Tumkur District, Karnataka (As per the Directive of Hon’ble Supreme Court of India). 2011. Report submitted to ICFRE & MoEF. Pp. 163.
55.	Report of mission to support in planning of the International Youth Forum ‘Go4BioDiv India’ during CBD-CoP11. 2012. Report submitted to GIZ, New Delhi. Pp 43.
56.	International Youth Forum Go4BioDiv ‘Conserving coastal and marine biodiversity for sustaining life and livelihoods’. 2012. Technical Report submitted to Department for Environment, Food and Rural Affairs (DEFRA), United Kingdom. Pp 60.
57.	International Youth Forum Go4BioDiv ‘Conserving coastal and marine biodiversity for sustaining life and livelihoods’. 2012. Technical Report Submitted to UNDP. Pp 40.
58.	National Biodiversity Information Outlook. 2012. Submitted to MoEF and National Biodiversity Authority. Pp 58.
59.	Assessment of cumulative impacts of hydroelectric projects on aquatic and terrestrial biodiversity in Alaknanda and Bhagirathi Basins, Uttarakhand. 2012. Report submitted to MoEF. Pp 203.

60.	Biodiversity characterization at landscape level: National assessment. 2012. Roy, P.S. Kushwaha, S.P.S., Murthy, M.S.R., Roy A., Kushwaha, D., Reddy, C.S., Behera, M.D., V.B Mathur , Padalia, H., Saran, S., Singh, S., Jha, C.S. & Porwal, M.C. Indian Institute of Remote Sensing, Dehradun. Pp. 140.
61.	Evaluating effectiveness of interpretive facilities in enhancing conservation awareness in select Tiger Reserves in India. 2013. Report submitted to the Wildlife Institute of India. Pp. 325.
62.	India's Tentative list of natural heritage properties to be inscribed on the UNESCO World Heritage List. 2013. UNESCO World Heritage Centre, Paris. Pp. 23.
63.	Nuclear power project at Gorakhpur, Haryana: Reconnaissance report. 2013. Ministry of Environment & Forests, Government of India. Pp. 10.
64.	Building partnerships to support UNESCO's World Heritage Programme: India (2008-2013). 2013. Final Technical Report submitted to UNESCO World Heritage Centre Paris. Pp. 80 plus Annexures.
65.	Climate Change Adaptation Workbook: Responding to Climate Change. A guide for managers of natural World Heritage sites - Keoladeo National Park. 2013. UNESCO World Heritage Centre, Paris. Pp. 48.
66.	Climate Change Adaptation Workbook: Responding to Climate Change. A guide for managers of natural World Heritage sites - Nanda Devi & Valley of Flowers National Parks. 2013. UNESCO World Heritage Centre, Paris. Pp. 34.
67.	Scoping study and needs assessment in the field of SEA (Strategic Environmental Assessment). 2013. Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) – Phase-I. Pp 33.
68.	Publishing biodiversity data associated with multi-media object, with focus on camera-traps: Best practice guide. 2013. Co-authored by NINA, GBIF, WII (V.B. Mathur , Gautam Talukdar and Mousumi Ghosh), NBIC and Natural History Museum, Oslo. Pp. 75.
69.	India's Fifth National Report to the Convention on Biological Diversity. Mr. Hem K. Pande and Dr. Sujata Arora. Ministry of Environment and Forests. 2014. pp 100.
70.	Final Report of Biodiversity Finance Initiative (BIOFIN) Project. Wildlife Institute of India, Dehradun, Uttarakhand, India submitted to United Nations Development Programme (UNDP), India. 2017. pp xiii- 218.

Manuals

1.	Guidelines for preparation of Tiger Conservation Plan. 2007. Rajesh Gopal, Sinha P. R., V.B. Mathur , Jhala Y. V. and Q. Qureshi. NTCA, MoEF, GOI. Technical Document: NTCA/01/07. Pp 93.
2.	Enhancing our Heritage Toolkit: Assessing management effectiveness of natural world heritage sites. 2008. Marc Hockings, Robyn James, Sue Stolton, Nigel Dudley, V.B. Mathur , John Makombo, Jose Courrau and Jeffrey Parrish. UNESCO World Heritage Centre, Paris. Pp 104.
3.	Technical manual on management effectiveness evaluation (MEE) of Tiger Reserves (TRs) in India. 2010. V.B. Mathur , R. Gopal, S.P. Yadav and P.R. Sinha. WII and NTCA publication. Pp 21.

4.	Promoting biodiversity data inclusive EIA: Best practice guide for publishing primary biodiversity data. 2011. Cadman, M., Chavan, V., King, N., Willoughby, S., Rajvanshi, A., V.B. Mathur , Roberts, R. and Hirsch, T. Global Biodiversity Information Facility, pp 50. ISBN: 87-92020-35-6. Accessible at http://links.gbif.org/eia_biodiversity_data_publishing_guide_en_v1 .
5.	Publishing EIA-related primary biodiversity data: GBIF-IAIA best practice guide. 2011. Cadman, M., Chavan, M., Chavan, V., King, N., Willoughby, S., Rajvanshi, A., V.B. Mathur , Roberts, R., and Hirsch, T. IAIA Special Publication Series No. 7. August 2011. Pp. 6. Accessible at http://www.iaia.org/publications/ .
6.	Technical manual on management effectiveness evaluation of National Parks and Wildlife Sanctuaries in India. 2012. V.B. Mathur . WII and MoEF publication. Pp 24.
7.	Technical manual on management effectiveness evaluation (MEE) of Tiger Reserves (TRs) in India. 2013. V.B. Mathur , R. Gopal, S.P. Yadav and H.S. Negi. WII and NTCA publication. Pp 25.
8.	Prioritization of Transboundary Protected Areas in South Asia: The Indian initiative. Transboundary Conservation: A systematic and integrated approach. Syed Ainul Hussain and Vinod Bihari Mathur. International Union for Conservation of Nature and Natural Resources (IUCN) Best Practice Protected Area Guidelines Series No. 23. 2015.
9.	Technical manual on management effectiveness evaluation (MEE) of Tiger Reserves (TRs) in India. 2014. V.B. Mathur , R. Gopal, S.P. Yadav and H.S. Negi. WII and NTCA publication. Pp 21.
10.	Technical Manual- Management Effectiveness Evaluation (MEE) of National Parks and Wildlife Sanctuaries in India. 2015. Mathur, V.B. , S.P. Singh, N.A. Ansari. Revised Technical Manual for MEE of PAs in India 2015-16. 33p.
11.	Wildlife Watch in the Indian Himalayan Region. 2015. Sathyakumar S. and Mathur, V.B. Wildlife Watch - Series I. A user guide for monitoring wildlife species in the Indian Himalayan Region. Wildlife Institute of India, Dehradun. 64p.
12.	Wildlife Watch in the Indian Himalayan Region. 2016. Sathyakumar S. and Mathur, V.B. Wildlife Watch - Series II. A user guide for monitoring wildlife species in the Indian Himalayan Region. Wildlife Institute of India, Dehradun. 55p.
13.	Eco-friendly Measures to Mitigate the Impacts of Linear Infrastructure on Wildlife. 2016. Wildlife Institute of India publication. Team Leader: Dr. V.B. Mathur . 151p.
14.	Technical Manual on Management Effectiveness Evaluation of National Parks and Wildlife Sanctuaries in India. 2017. V.B. Mathur . WII and MoEFCC publication. Pp 32.

Protected Area Management Plans Prepared

I was recruited by the United Nations Food and Agriculture Organization (UN-FAO) to prepare Management Plans of Protected Areas in Sri Lanka on a consultancy assignment during 1998-2000. I jointly prepared with Dr. H.S. Pabla 7 Management Plans of PAs, the details of which are given below:

1.	Management Plan for Wasgamuwa National Park and Riverine Nature Reserve. 1998. Project UNO/SRL/001/GEF-SRL/92/G31. Department of Wildlife Conservation, Government of Sri Lanka.
2.	Management Plan for Minneriya National Park, Minneriya-Giritale Nature Reserve and Sigiriya Sanctuary. 1999. Project UNO/SRL/001/GEF-SRL/92/G31. Department of Wildlife Conservation, Government of Sri Lanka.
3.	Management Plan for Victoria, Randenigala, Rantembe (VRR) Sanctuary. 1999. Project UNO/SRL/001/GEF-SRL/92/G31. Department of Wildlife Conservation, Government of Sri Lanka.
4.	Management Plan for Horton Plains National Park. 1999. Project UNO/SRL/001/GEF-SRL/92/G31. Department of Wildlife Conservation, Government of Sri Lanka.
5.	Management Plan for Hakgala Strict Nature Reserve. 1999. Project UNO/SRL/001/GEF-SRL/92/G31. Department of Wildlife Conservation, Government of Sri Lanka.
6.	Management Plan for Peak Wilderness Wildlife Sanctuary. 1999. Project UNO/SRL/001/GEF-SRL/92/G31. Department of Wildlife Conservation, Government of Sri Lanka.
7.	Management Plan for Ritigala Strict Nature Reserve. 1999. Project UNO/SRL/001/GEF-SRL/92/G31. Department of Wildlife Conservation, Government of Sri Lanka.

Other Publications:

(a) Paper presented in National/ International Conferences/ Workshops/ Meetings

1.	Ecological impacts of livestock grazing on wild ungulates in Sariska National Park, India. 1991. V.B. Mathur. Proceedings of the IV International Rangelands Congress Montpellier, France.
2.	Protected area network in India. 1991. H.S. Panwar and V.B. Mathur. Paper presented at the IUCN's Indo-Malayan Regional Workshop on Protected Areas & Biodiversity in Bangkok, Thailand 1991. 22 pp.
3.	Habitat monitoring in protected areas: A new approach. 1992. V.B. Mathur. Paper presented in the International Symposium on Tiger, New Delhi.
4.	A database on India's Tiger Reserves. 1992. V.B. Mathur. Paper presented in the meeting of Field Directors of Tiger Reserves, New Delhi.

5.	Habitat monitoring in protected areas in India. V.B. Mathur and S.K. Mukherjee. Proceedings of the IV World Parks Congress at Caracas, Venezuela. 10-21 February, 1992.
6.	Monitoring in protected areas. 1993. V.B. Mathur. Paper presented in the National Workshop on Monitoring organized by British Council, New Delhi and Wildlife Institute of India.
7.	Application of GIS in wildlife conservation in planning and management in India. 1994. V.B. Mathur. Paper presented in the XIV International Users Conference at Palm Springs, California, 23-27 May, 1994.
8.	The national wildlife database. 1995. V.B. Mathur. Paper presented in the National Conservation Congress organized by WWF-India, New Delhi.
9.	Review of the protected area network in India. 1995. V.B. Mathur. Paper presented the First Regional Workshop of the Review of Protected Areas of Indo-Malayan Realm Kathmandu, Nepal.
10.	Need for creating a biogeographically representative network of protected areas in India. 1995. V.B. Mathur. Paper presented at the National Workshop on Forestry in Support of Biodiversity Conservation at Bandipur Tiger Reserve, Karnataka.
11.	Forest corridors and connectivity: New initiatives for wildlife conservation in India. 1995. V.B. Mathur. Paper presented in the XX World Forestry Congress, IUFRO, Finland.
12.	Managing wildlife database system: A case study of India. 1995. V.B. Mathur. Paper presented in the International Workshop on Internet Applications and Electronic Information Resources in Forest and Environmental Sciences, Joensuu, Finland.
13.	Application of GIS in wildlife conservation. 1995. V.B. Mathur. Paper presented in National Workshop on GIS organized by the NAEB, Ministry of Environment & Forests, New Delhi.
14.	Indian wildlife conservation GIS applications. 1996. V.B. Mathur. Paper presented in First Indian Annual ESRI/ ERDAS User Conference, New Delhi.
15.	Tiger habitat corridor analysis. 1996. V.B. Mathur. Paper presented in First Indian Annual ESRI/ ERDAS User Conference, New Delhi.
16.	Mitigation planning of Narmada Sagar Project. 1996. V.B. Mathur. Paper presented in National Workshop on Current Trends and Practices in EIA, Dehradun.
17.	Development of a protected area atlas of India. 1997. V.B. Mathur. Paper presented in the Second Annual ARC/ INFO and ERDAS User Conference, New Delhi.
18.	GIS applications in wildlife conservation. 1997. V.B. Mathur. Paper presented in DOS-DBT Project Meeting at NRSA, Hyderabad.
19.	Spatial database design and application in natural resource conservation. 1997. V.B. Mathur. Paper presented in National Workshop on Forest Resource Assessment organized by the FAO and FSI, Dehradun.
20.	Fire risk assessment in Tadoba Andhari Tiger Reserve, Maharashtra. 1998. V.B. Mathur and Yogesh Dubey. Paper presented in Third ESRI User Conference, New Delhi.

21.	Application of remote sensing & GIS in natural resource conservation. 1998. V.B. Mathur. Poster paper presented in Second Annual ARC/INFO & ERDAS User Conference. New Delhi.
22.	Policy alternatives in wildlife conservation. H.S Pabla and V.B. Mathur. 1998. Paper presented in the National Workshop on Wildlife Conservation, Research and Management, Dehradun.
23.	Vegetation mapping in Trithan Wildlife Sanctuary using Remote Sensing and GIS. 1999. V.B. Mathur and Suneet Naithani. Paper presented in International Conference on Geoinformatics, IIRS, Dehradun.
24.	Socially acceptable conservation policies. H.S.Pabla and V.B. Mathur. 1999. Paper presented in the National Workshop of Eco documentation, Dehradun.
25.	Mitigation planning for developmental projects: Lessons learnt from India. 1999. V.B. Mathur. Paper presented in the IAIA Annual Conference, Glasgow, United Kingdom.
26.	Integrated protected area network (IPAN) system: An information technology (IT) tool for strengthening wildlife management. 2000. V.B. Mathur and P.K. Mathur. Proceedings of National Workshop on Forestry Planning through Information Technology organized on 27/04/2000. Working Plan and GIS Circle, Forest Department, Government of West Bengal. Pp 10.
27.	Planning for conservation of biological diversity: Lessons learnt from Sri Lanka. 2000. V.B. Mathur. Paper presented in the XXI IUFRO World Congress, Kuala Lumpur, Malaysia, 7-12 August, 2000.
28.	Forest resources and forestry research in India. 2000. V.B. Mathur. Paper presented in the International training workshop on 'Forestry Research Strategy Formulation, Planning and Management', Kuala Lumpur, August 1-5, 2000.
29.	Developing and integrated protected area (IPAN) system for biodiversity conservation: Lessons learnt. 2000. V.B. Mathur and P.K. Mathur. Paper presented in the XXI International Union of Forestry Research Organization (IUFRO) World Congress in Kuala Lumpur, Malaysia, August 7-12, 2000.
30.	Protected areas in South Asia: Issues and strategies. 2000. V.B. Mathur. Paper presented in the World Commission on Protected Areas (WCPA) South Asia Workshop on 'Protected Area Landscape in South Asia' in Kathamandu, Nepal, February, 27- March 2, 2001.
31.	Developing spatial strategies for using prescribed burning as a tool in Wildlife Protected Areas. 2001. V.B. Mathur and Sonali Ghosh. National Natural Resource Management System. 27(B). Pp 42-48.
32.	Integrating biodiversity into national environmental assessment procedures. 2001. V.B. Mathur and Asha Rajvanshi. Paper presented in the International Workshop on Existing National EIA Framework for integration of biodiversity concerns in EIA held at Lusaka, Zambia, 30 April – 4 May, 2001
33.	Biogeographic basis of conservation planning. 2001. V.B. Mathur. Paper presented in the IUCN sponsored Regional Training Workshop on Planning National Protected Area System in Asia at Bangkok, Thailand, 18-22 May, 2001.

34.	Research and conservation initiatives of the Wildlife Institute of India in Ladakh. 2002. Bhatnagar, Y.V. and V.B. Mathur . Paper presented in the workshop on 'Changing Face of Pastoralism in the Hindu- Kush – Himalayan – Tibetan Plateau Highlands' at Lhasa, PR China from May 12-18, 2002, ICIMOD, Nepal.
35.	Linking conservation with nature. 2002. V.B. Mathur . Paper presented in the National Workshop on Evolving Sustainable Grazing Practices in the Indian Himalaya, Dehradun.
36.	Biodiversity conservation: Concept and approaches. 2002. V.B. Mathur . Paper presented in the Vacation Training Programme on Bioresources for School Childre Dehradun.
37.	Strengthening the role of ecological assessment for effective environmental impact assessment: Recent Indian experiences. 2003. V.B. Mathur . Paper presented in the 23 rd Annual Conference of the IAIA, Morocco.
38.	Evaluating management effectiveness of protected areas: Concept, framework a lessons learnt. 2003. V.B. Mathur . Paper presented in the IUCN-South As Preparatory Regional Workshop for the World Parks Congress, Dhaka, Bangladesh, 18-21 June, 2003.
39.	Initial management effectiveness evaluation of Keoladev, Kaziranga and Royal Chitwan National Parks under UNESCO-Enhancing our Heritage Project. 2003. V.B. Mathur . Paper presented in the IUCN V World Parks Congress in Durban, South Africa, September 5-17, 2003.
40.	Standardized self-reporting in World Heritage Sites. 2003. V.B. Mathur . Paper presented in the IUCN V World Parks Congress in Durban, South Africa, September 5-17, 2003.
41.	Need assessment for enhancing management effectiveness evaluation under UNESCO-Enhancing our Heritage Project. 2003. V.B. Mathur . Paper presented in the UNESCO Project Review Meeting in Paris, France, December 1-3, 2003.
42.	Nomination of Muller Mountain Ranges, Indonesia as World Natural Heritage Site: A case study. 2004. V.B. Mathur . Paper presented in the United Nations Training and Research Institute Workshop on Conservation and Management of World Heritage Sites, Hiroshima, Japan, March 8-12, 2004.
43.	Biodiversity characterization in middle Gauriganga Valley, Askot Wildlife Sanctuary, Uttaranchal State using Remote Sensing and GIS Technology. 2004. V.B Mathur , Rashid Raza, Panna Lal and M.K.Agarwal. 2004. Paper presented in the 7th International Annual Map India Conference, New Delhi, 28- 30 January, 2004.
44.	World Heritage Biodiversity Programme for India. 2004. V.B. Mathur . Paper presented in the UNESCO World Heritage Centre Meeting on 'Building Partnerships to Support a UNESCO World Heritage Biodiversity Programme for India', Paris, France, 17-21 May, 2004.
45.	Conservation initiatives in the Indian Trans-Himalaya (1986-2004). 2004. V.B. Mathur , S. Sathyakumar and Singsit, S. Paper presented during WII-UNEP Mission to Kabul, Afghanistan, July 17-21, 2004.
46.	Overview of the world heritage properties nomination process. 2004. V.B. Mathur Paper presented in the National Seminar on World Heritage Properties. Dehradun September 23, 2004.

47.	Evaluating management effectiveness in Keoladeo National Park, Bharatpur: Lessons learnt. 2004. V.B. Mathur. Paper presented in the First Annual Research Seminar organized by Keoladeo National Park, Bharatpur, December 21-23, 2004.
48.	Integrating world heritage site management into broader landscape: Challenges and prospects for Kaziranga National Park, India. V.B. Mathur and Katwal, R.P.S. 2005. Paper presented in the UNESCO Expert Meeting on 'World Heritage Convention Contribution to Forest Conservation and Sustainable Development BERASTAGI +7', Nancy, France, 9-11 March, 2005.
49.	Development of guidance tools for professionalizing biodiversity inclusive EIA. 2006. V.B. Mathur and Asha Rajvanshi. Paper presented at IAIA Annual Conference held at Stavanger, Norway, May 23-26, 2006.
50.	Capacity building for biodiversity inclusive impact assessment - The findings of the needs assessment survey in India. 2006. Rajvanshi, A. and V.B. Mathur. Paper presented in the international conference "Mainstreaming Biodiversity in EIA and SEA for Improved Environmental Decision Making" organized by IAIA 2006 at Stavanger, Norway, May 23 – 26, 2006.
51.	Enhancing awareness of snow leopard conservation: A collaborative initiative of the Wildlife Institute of India. 2006. V.B. Mathur and Shivani Chandola. Paper presented in the National Workshop on Project Snow Leopard, Leh, July 10-11, 2006.
52.	Conservation initiatives for snow leopard and associated wild species in the Indian Trans- Himalaya. 2006. S. Sathyakumar and V.B. Mathur. Paper presented in the National Workshop on Project Snow Leopard, Leh, July 10-11, 2006.
53.	How secure and successful are protected areas? Lessons learnt from India. 2007. V.B. Mathur. Paper presented through Video Conferencing with Duke University, USA, 24th February, 2007.
54.	Protected area management in India: Issues and challenges. 2007. V.B. Mathur. Paper presented in the V Brazilian Congress on protected areas, Foz do Iguacu, June 17-21, 2007.
55.	Natural heritage conservation: From tentative list to nomination dossiers. 2007 V.B. Mathur. Paper presented in the International Conference on World Natural Heritage Sichuan Province, China, November 6-8, 2007.
56.	Integrating environmental and biodiversity concerns in development planning through enabling policy and regulatory framework. 2007. V.B. Mathur. Paper presented in the Annual Conference of IAIA's on Growth, conservation and responsibility –promoting good governance and corporate stewardship through impact assessment. Seoul, Korea, June 3-9, 2007.
57.	Nanda Devi World Heritage Site: Biodiversity conservation for over two decades and challenges for the future. 2008. V.B. Mathur. Paper presented in the Training workshop on 'Management and conservation of world heritage sites – Conservation for peace', Hiroshima, Japan, March 30–April 4, 2008.
58.	Mainstreaming biodiversity in development planning. 2008. V.B. Mathur. Paper presented in the Annual Conference of the IAIA in Perth, Australia, May 4–10, 2008.
59.	India: World heritage, biodiversity and climate change. 2008. V.B. Mathur. Case study presented in the in the Alliances Workshop on World Heritage as a contribution to the 2010 target. International Union for Conservation of Nature and Natural Resources (IUCN) World Conservation Congress in Barcelona, Spain, October 4-14, 2008.

60.	Best practice for integrating biodiversity in impact assessment. 2008. V.B. Mathur Paper presented in the workshop on 'Impact assessment, biodiversity and the extractive industry', Beijing, China, March 24– 26 2009.
61.	Mainstreaming biodiversity conservation in development planning. 2008. V.B. Mathur. Paper presented in the 28 th Annual Conference of IAIA in Perth, Australia, May 1-10, 2008.
62.	Development of a new strategy for world heritage nature training and capacity building. 2008. V.B. Mathur. Paper presented in the International Workshop on 'Training Needs in Natural Heritage Conservation' organized by the IUCN at Gland, Switzerland. June 11-13, 2008.
63.	Ecological compensation for a hydropower project. 2009. V.B. Mathur. Paper presented in the 29 th Annual Conference of IAIA in Accra, Ghana, May 17-22, 2009.
64.	Impact assessment for world heritage conservation. 2009. V.B. Mathur. Paper presented at the UNITAR workshop "Conservation for Peace: World Heritage Impact Assessment", April 19–24, 2009, Hiroshima, Japan.
65.	Environmental review of a tourism project in India. 2010. V.B. Mathur. Paper presented in the 30 th Annual Conference of IAIA in Geneva, Switzerland, April 6-11, 2010.
66.	Identifying and prioritizing transboundary protected area (TBPAs) for effective biodiversity conservation: the indian experience. 2010. V.B. Mathur. Paper presented in the International Conference on Biodiversity Conservation in Transboundary Tropical Forests, July 21-24, 2010 at Quito, Ecuador.
67.	Conservation-induced displacement in protected areas: Recent experiences. 2010. V.B. Mathur, Gopal, R., Sinha P.R. and Yadav, S.P. Paper presented in the International Conference on 'Pathways to Success: Integrating Human Dimension in Fish & Wildlife Management', September 27 October 1, 2010, Estes Parks, USA.
68.	Management effective evaluation of tiger reserves in India. 2010. V.B. Mathur. Paper presented in the International Forum on Tiger Conservation at St. Petersburg, Russia, November 21-24, 2010.
69.	Implementing CBD Programme of Work on Protected Areas: Case study from India. V.B. Mathur. Paper presented in the International Workshop on Governance in Asian Protected Areas, January 8-11,2011 at Akita, Japan. Pp 5.
70.	Spatial patterns and factors influencing the mortality of avifauna on the National Highway-7 passing through Pench Tiger Reserve, Madhya Pradesh. A. Pragatheesh, Asha Rajvanshi and V.B. Mathur. 2011 Poster paper presented in the International Conference on Ecology and Transportation (ICOET), Sustainability in Motion, August, 21-25, 2011 at Seattle, Washington, USA. Pp 1656-1662
71.	Developing biodiversity information facility for ecological sustainability and economic growth: The Indian initiative. 2011. V.B. Mathur, Pande, H., and Chavan, V. Paper presented in the GBIF Science Symposium, Buenos Aires, Argentina, October 4–6, 2011.
72.	EIA biodiversity publishing framework: Policy and governance issues. 2011. V.B Mathur and Asha Rajvanshi. Paper presented in the Biodiversity Data Publishin Workshop in Pretoria, South Africa, 19–20 April 2011
73.	Introduction to IAIA capacity building approaches of the ecology and biodiversity section. 2011. V.B. Mathur and Asha Rajvanshi. Paper presented in the Biodiversity Data Publishing Workshop in Pretoria, South Africa, 19–20 April 2011

74.	Conservation-induced displacement of human communities from protected areas: The Indian experience. 2011. V.B. Mathur and S.P. Yadav. Paper presented in the 31 st IAIA Annual Conference of IAIA in Puebla, Mexico from 29th May to 4th June 2011.
75.	Developing EIA biodiversity publishing framework: Policy and governance issues. 2011. V.B. Mathur and Asha Rajvanshi. Paper presented in the 31 st IAIA Annual Conference of the IAIA in Puebla, Mexico from 29th May to 4th June 2011.
76.	Protected area management: New paradigm for conservation 2011. V.B. Mathur. Paper presented in the First Indian Forestry Congress, 21-23 November, 2011, New Delhi.
77.	Impact assessment of Madhya Ganga canal project. Asha Rajvanshi, Roshni Arora and V.B. Mathur. 2012. Poster paper presented at the 32 nd Annual Conference of the IAIA on 27 th - 28 th May 2012, Porto, Portugal
78.	Management effectiveness evaluation (MEE) of Tiger Reserves in India. 2012. V.B. Mathur. Paper presented in the Training programme on "Management Effectiveness Evaluation of Protected Areas" organized in Chitwan National Park, Nepal from 3-5 February, 2012.
79.	Management effectiveness evaluation (MEE) of Tiger Reserves in India (2010-11) Process and outcomes. 2012. V.B. Mathur. Paper presented in the training programme on "Management Effectiveness Evaluation of Protected Areas" organized in Chitwan National Park, Nepal from 3-5 February, 2012.
80.	Thermal power projects: Decision-making criteria. 2012. V.B. Mathur. Paper presented in the 32 nd IAIA Annual Conference of the IAIA in Porto, Portugal from 27 May - 1 June 2012.
81.	Management Effectiveness Evaluation (MEE) of Tiger Reserves in India: Framework and criteria. 2012. V.B. Mathur. Paper presented in the training programme on "Management Effectiveness Evaluation of Protected Areas" organized in Chitwan National Park, Nepal from 3-5 February, 2012.
82.	Maximizing ecosystem services benefits for wildlife and people: Experience of the Narmada Canal Project, India. 2012. V.B. Mathur. Paper presented in the international workshop on Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management Conference from 24-27 September, 2012 at Breckenridge, Colorado State University, USA.
83.	From MEE to CATS: A logical progression. 2012. V.B. Mathur. Paper presented in the IUCN World Conservation Congress (WCC) at Jeju, Republic of Korea from 6-11 September, 2012.
84.	Wildlife Institute of India's role as a regional center of excellence in the GPPAM Initiative. 2012. V.B. Mathur. Paper presented in the IUCN World Conservation Congress (WCC) at Jeju, Republic of Korea from 6-11 September, 2012.
85.	Consolidating the criteria for identifying areas contributing significantly to the global persistence of biodiversity. 2012. V.B. Mathur. Paper presented in Biodiversity Asia 2012 organized by IUCN at Bangalore.
86.	Introduction to SEA: Next generation tool for assessing landscape level impacts. 2012. V.B. Mathur. Paper presented in the Side Event on Strategic Environmental Planning and Biodiversity Impact Assessment - Tools to Increase Planning Efficiency and to Reduce Conflicts of Interests during CBD- CoP11 organized by GIZ-India at Hyderabad in October, 2012.

87.	Biodiversity heritage sites and climate change adaptation. 2012. V.B. Mathur. Paper presented in the Side Event on Conserving Biodiversity Heritage Sites for Climate Change Adaptation: Role of Youth in Linking Cultural Practices and Future Strategies during CBD-CoP11 organized by GIZ-India at Hyderabad in October, 2012.
88.	Enhancing capacity for data and decisions: Indo-Norwegian capacity building pilot project for IPBES. 2012. V.B. Mathur and Mousumi Ghosh. Paper presented in the Side Event on 'From the Sidelines to the Mainstream: Engaging Newer Communities In Biodiversity Data Publishing' during CBD- CoP11 organized by GBIF Secretariat at Hyderabad in October, 2012.
89.	Inscription of the Western Ghats on the natural world heritage list: Challenges, opportunities and way ahead. 2012. V.B. Mathur. Paper presented in the Second Indian Biodiversity Congress at Indian Institute of Science, Bangalore from 9 to 11 December 2012.
90.	Compliance monitoring: The Indian experience. 2013. V.B. Mathur. Paper presented in the 33 rd IAIA Annual Conference of the IAIA in Calgary, Canada from 13-16 May 2013.
91.	An overview of threats to biodiversity from energy development in Oil & Gas and Hydropower sectors. 2013. V.B. Mathur. Paper presented in the 33 rd IAIA Annual Conference of the International Association for Impact Assessment (IAIA) "Impact Assessment: The Next Generation" in Calgary, Canada from 13-16 May 2013.
92.	Moving from project level EIAs to sectoral EAs: Relevance of cumulative environment impact assessment in hydropower planning. 2013. V.B. Mathur and Asha Rajvanshi. Paper presented in the 33 rd IAIA Annual Conference of the IAIA in Calgary, Canada from 13-16 May 2013.
93.	Observations on "Visual Integrity" in world heritage sites. 2013. James F. Palmer Leitao Leticia, Nora Mitchell, Tim Badman and V.B. Mathur. Paper presented in the International Workshop on Visual Integrity of World Heritage Sites organized by Archaeological Survey of India (ASI) and Government of Uttar Pradesh under aegis of the Ministry of Culture, Government of India in Agra from 6-9 th March, 2013.
94.	Mainstreaming environmental considerations in road transportation planning. 2013. V.B. Mathur. Paper presented in the 111 th International Training Programme on 'Environmental Audit' organized by International Training Centre of Comptroller and Auditor General of India, New Delhi from 7 January to 1st February, 2013.
95.	Open Access to Biodiversity Information: Key Issues in Biodiversity Informatics 2013. V.B. Mathur. Paper presented in the national workshop on Biodiversity Informatics and Ecological Sciences in India organized by French Institute of Pondicherry on 6 th August, 2013
96.	WHBPI Implementation in Keoladeo and Nanda Devi World Heritage Sites: Key Activities, Outcomes and Learnings. 2013. V.B. Mathur. Paper presented in regional conference on 'Conservation and Management of UNESCO World Natural Heritage Sites: Sharing experiences and Best Practices from South Asia' on 17-18 September, 2013.
97.	Wildlife Conservation at Crossroads: The need for ecological resilience thinking and catalyzing the desired change. 2016. V.B. Mathur. Paper presented in 'Sensitization Programme for Hon'ble Members of Parliament' on 14-15 March, 2016, New Delhi.
98.	Living within the Planetary Boundaries: The Challenge and the Way Ahead. 2016. V.B. Mathur. Paper presented in JTSDS Roundtable Conference 2016 Tata Institute of Social Sciences, Mumbai, 4-5 April, 2016.

99.	Management Effectiveness Evaluation (MEE) of Tiger Reserves: The Indian Experience. 2016. V.B. Mathur. Paper presented in 3rd Asia Ministerial Conference, New Delhi on 12-14 April, 2016.
100.	Linking Culture with Nature: The Khangchendzonga National Park India's experience. 2016. Paper presented in the IUCN World Conservation Congress in Hawaii, USA from 1-5 September, 2016.
101.	Wildlife Conservation at Crossroads: <i>The need for ecological resilience thinking and catalyzing the desired change.</i> 2016. Paper presented in the "Sensitization Programme for Hon'ble Members of Parliament" from 14-15 March, 2016, New Delhi
102.	Human-Wildlife Interaction in India : Issues, Challenges and Way Ahead – 'Conflict to Co- existence'. Paper presented in the World Conference of Environment 25-26 March, 2017, Vigyan Bhawan, New Delhi organized by the Hon'ble Green Tribunal.
103.	Wildlife Conservation at the Crossroads in India: Issues, Challenges and Way Ahead. 2017. Keynote address presented in the International Wildlife Symposium in Sri Lanka from 15-16th August, 2017.
104.	Greening the Transport Sector through Smart Plans and Eco-friendly Designs Country Capacity and Financing Options. Paper presented in 38th Annual Conference of the International Association for Impact Assessment (IAIA "Environmental Justice in Societies in Transition" in Durban, South Africa from 16-19 May 2018.
105.	Financing Options for Smart Green Infrastructure (SGI): Who pays for SGI? Paper presented in 38th Annual Conference of the International Association for Impact Assessment (IAIA) "Environmental Justice in Societies in Transition" in Durban, South Africa from 16-19 May 2018.
106.	Sustainable/Green Infrastructure: The Indian Experience. Paper presented in Asian Development Bank Event on Sustainable Infrastructure during 6th Global Environment Facility (GEF) Assembly from 22-28 June, 2018 in Danang, Vietnam.
107.	Ecological Impacts of Linear Infrastructure and Modern Technology Application for conducting Ecological Assessments. Paper presented in Asian Development Bank training event on 'Nature based approaches to designing transport infrastructure on 14th September, 2018 at Manila, Philippines.

Consultancy Reports Prepared*

108.	Research strategy for protected area management. 1998. A report to the World Bank as part of the supplemental preparation tasks for GEF-India Eco-development Project, Wildlife Institute of India. Pp130.
109.	Protected area planning in Sri Lanka. 1998. International consultancy. report submitted to the FAO, Rome. Pp 25.
110.	Integrated protected areas network (IPAN) system for biodiversity conservation. 1998. A consultancy report for the Maharashtra Forest Department under World Bank Aided Maharashtra Forestry Project. Wildlife Institute of India, Dehradun. Pp 111.
111.	Integrating biodiversity in national EIA procedures: National case studies. In: Integrating Biodiversity into National Environmental Assessment Procedures - National Case studies for UNDP, UNEP and GEF for Biodiversity Planning Support Programme. Pp 59
112.	Design and development of biodiversity information management system (BIMS). 2003. Final Technical Report submitted to the United Nations Food and Agriculture Organization, New Delhi. Pp. 329.

113.	Independent evaluation of GEF-UNEP project ‘Barriers and best practices in the integrated management of mountain ecosystems’. 2004. UNEP-Global Environmental Facility (GEF). Pp 46.
114.	Evaluation report on the scheme on conservation and management of wetlands in India. 2008. Ministry of Environment & Forests, Government of India. Pp 240.
115.	Evaluation report on scheme on conservation and management of biosphere reserves in India, 2008, Ministry of Environment & Forests, Government of India. Pp 271.
116.	Nomination of ‘The Central Highlands of Sri Lanka: Its cultural and natural heritage’ for inscription on the World Heritage List. 2009. Report submitted to IUCN, Switzerland. Pp 28.
117.	Periodic reporting and statements of Outstanding Universal Value (SOUV) of natural world heritage sites in South Asia. 2011. Report submitted to UNESCO World Heritage Centre, Paris. Pp 32.
118.	Independent evaluation of UNEP Project ‘Asia and the Pacific: Networks for data information generation, analysis, observation and assessment’. 2006. UNE Nairobi. Pp 53.
119.	India inclusive tourism infrastructure development project. 2008. Asian Development Bank (ADB). Pp. 74.
120.	GEF Portfolio Evaluation (1991-2012) in India. 2013. Global Environment Facility (GEF). Pp 154.
121.	The GEF Contribution to Biodiversity Mainstreaming in India: A Country Study. 2018. Global Environment Facility-The World Bank. Pp 39 plus Annexures.

Training Material* Prepared for IAIA International Training Courses (2005-2019)

122.	Mainstreaming biodiversity in EIA for improved environmental decision making - IAIA Pre-meeting training course. 29 th May- 3 rd June, 2005 , Boston, USA.
123.	Mainstreaming biodiversity in EIA and SEA for improved environmental decision making - IAIA Pre- meeting training course. 21 st May – 22 nd May, 2006 , Stavanger, Norway.
124.	Mitigation of impacts on biodiversity: Best practices in key sectors - IAIA Pre-meeting training course. 3 rd - 4 th June, 2007 , Seoul, Korea.
125.	Ecological and economic evaluation approaches for mainstreaming biodiversity in EIA - IAIA Pre-meeting training course. 4 th - 5 th May 2008 , Perth, Australia.
126.	Re-tooling impact assessment for incorporating ecological and economic valuation approaches for mainstreaming biodiversity - IAIA Pre-meeting training course. 17 th -18 th May 2009 , Accra, Ghana.
127.	Mainstreaming biodiversity and ecosystem services in impact assessment for transitioning to green economy - IAIA Pre-meeting training course. 6 th -7 th April 2010 , Geneva, Switzerland.
128.	Mainstreaming biodiversity and ecosystem services in impact assessment for responsible development - IAIA Pre-meeting training course. 29 th - 30 th May 2011

* **Co-authored**

129.	Mainstreaming biodiversity conservation in energy projects: what can impact assessment offer - IAIA Pre- meeting training course. 27 th - 28 th May 2012 , Porto, Portugal.
130.	Next generation approaches for mainstreaming biodiversity in impact assessment for promoting responsible growth - IAIA Pre-meeting training course. 11 th -12 th May 2013 , Calgary, Canada.
131.	Raising the Bar of Biodiversity in Impact Assessment for Promoting Inclusive Development - IAIA Pre- meeting training course. 18-19 April, 2015 , Florence, Italy.
132.	Mitigation Hierarchy in Impact Assessment for Balancing Conservation Needs with Development Priorities: IAIA Post-Symposium Training Course. 16 - 17 November 2017, Washington D.C., USA.



ENVIS Thematic Bulletins Published

The Wildlife Institute of India is a part of the Environment Information System (ENVIS) of MoEF on 'Wildlife and Protected Areas'. As Project Coordinator of ENVIS Centre at WII (1997-2019), I have coordinated all activities and have been directly responsible for publication of 19 thematic bulletins on various aspects of wildlife conservation (please see table below).

133.	ENVIS Bulletin on Elephants. 1998. pp 70
134.	ENVIS Bulletin on Small cats of India. 1998. Pp 56
135.	ENVIS Bulletin on Indian Crocodilians. 1999. Pp156
136.	ENVIS Bulletin on Mustelids, Viverrids and Herpestids of India. 1999. Pp 148
137.	ENVIS Bulletin on Directory of Wildlife Protected Area Managers. 2000. Pp 236
138.	ENVIS Bulletin on Non-Human Primates of India. 2001. Pp 235
139.	ENVIS Bulletin on Mountain Ungulates. 2002. Pp 131
140.	ENVIS Bulletin on Conservation of Tropical Rain Forests in India. 2003. Pp 382
141.	ENVIS Bulletin on Ungulates of India. 2004. Pp 448
142.	ENVIS Bulletin on Conservation of Hoolock Gibbon (<i>Bunopithecus hoolock</i>) in Northeast India. 2004. Pp 252
143.	ENVIS Bulletin on Bibliography on Rajaji National Park. 2006. Pp 144
144.	ENVIS Bulletin on Galliformes of India. 2007. Pp 252
145.	ENVIS Bulletin on Special Habitats and Threatened Plants. 2008. Pp 239
146.	ENVIS Bulletin on Freshwater Turtles and Tortoises of India. 2009. Pp 177
147.	ENVIS Bulletin on Telemetry in Wildlife Science. 2010. Pp 248
148.	ENVIS Bulletin on Arthropods and their Conservation in India (Insect and Spiders). 2011.Pp 232
149.	ENVIS Bulletin on Coastal and Marine Protected Areas in India: Challenges and Way Forward, Vol. 15
150.	ENVIS Bulletin on Waterbirds of India. Vol. 16.
151.	ENVIS Bulletin on Ecology and Management of Grassland Habitats in India, Vol. 17
152.	ENVIS Bulletin on Bibliography on the Fauna and Microflora of the Indian Himalayan Region. 2016. Vol. 18.
153.	ENVIS Bulletin on Diversity and Ecology of Amphibians of India. 2017. Vol. 19

ENVIS Thematic Bulletins 1997-2018



Language Competence

Mother tongue: Hindi : (Read, Write, Speak, Understand: Excellent)

English : (Read, Write, Speak, Understand: Excellent)

French : Understanding: Very modest (Have done a Certificate Course in French Language; can pick up fast).



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