



Tamil Nadu
Biodiversity Board

Annual Report 2021-22



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SPECIAL MESSAGE FROM THE CHAIRMAN, TAMIL NADU BIODIVERSITY BOARD

Tamil Nadu state is well known to be rich in tradition where the people have always led a life in harmony with nature. This has further led to the conservation and preservation of the environment. Amongst such customs, a significant one has been in the maintenance of sacred groves where important and rare species of plants, animals and insects have been protected in a small patch of forest that are believed to be guarded by a deity. Those sacred groves are excellent examples of community-based conservation.



In the current scenario, biodiversity is increasingly threatened due to anthropogenic pressures amongst others, and the subsequent loss of biodiversity caused by these threats may lead to disruption in the provision of various ecosystem services, which have significant contributions in rural livelihoods. 'Biodiversity Loss' is already in the high-risk zone in the nine planetary boundaries; this signifies an urgent need to address the issue. We have to make use of all modern and traditional means available to us to conserve the biodiversity.

In order to conserve biodiversity and to oblige to the ratification of the Convention on Biological Diversity (CBD), India enacted the Biological Diversity Act in 2002 and the Rules in 2004. In 2017, Tamil Nadu brought out the Tamil Nadu Biological Diversity Rules 2017. Since then, the Tamil Nadu Biodiversity Board has garnered pace in implementing its mandates with the co-ordination and involvement of various stakeholders in fulfilling the objectives of conservation and sustainable use of biodiversity and its equitable sharing of benefits.

I am happy to see that the Tamil Nadu Biodiversity Board has brought out its Annual Report 2021-22 which is illustrative and provides a good account of important activities undertaken by the Board throughout the year. I hope and wish that these actions would go a long way in achieving the objectives of the Biological Diversity Act 2002 and its various cherished goals.



Thiru.K.Ramachandran
Hon'ble Minister of Forests and Chairman
Tamil Nadu Biodiversity Board
Government of Tamil Nadu

FOREWORD

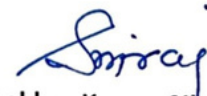
Tamil Nadu Biodiversity Board (Board) has come up with its Annual Report of 2021-22 following its previous thorough compilation of a decadal account of its activities that the Board brought out in the month of March 2020 with an aim to cover up the backlogs of the years from 2008-09 until 2018-19. At that moment the Board had resolved to make annual reports publications regular and timely. Thus, the Board brought out the annual reports pertaining to the years- 2019-20 and 2020-21. In the same league, the annual report for the year 2021-22 has been prepared now and soon the work on the succeeding year, i.e., 2022-23 will be commenced. Thus, the process has been automated, by and large, and that it does provide a greater sense of confidence in the team.

Publishing the annual report is a legal requirement under the Biological Diversity Act (BDA) 2002 vide its sections 33-35. Even as the Board, through its previous exercises, aimed to fulfil its legal obligation, the exercise has been a greater arching one for summarising and consolidating its own reflections on the spectrum of activities the Board had undertaken over the years in question. In the same league, the annual report for the year 2021-22 presents the snapshots on the major activities the Board has undertaken during the year 2021-22.

The report first profiles its structure since its inception and talks about its various committees and their intervention areas. In the subsequent chapters the report describes other important activities such as the training programmes, biodiversity management committees (BMC) constitution and their activities, initiatives on the biodiversity heritage sites (BHS) for their formation, and the awareness and education programmes the Board has prioritized and executed. The report presents a broad view on its various activities.

However, it is amply clear that there are several major challenges that face the Board, day and night. Those may include revising the peoples' biodiversity registers (PBR) and making them more realistic and truly participatory, thus creating a greater bond of the communities and the PBRs. This has not happened in most of the instances and therefore the PBRs have remained short utilised until now. However, this task is not going to be an easy one given a large number of BMCs in Tamil Nadu and the vastness of the areas that needed fresh assessments. The second big challenge is to develop strategies and implementation plan for raising awareness on the BDA 2002, its various provisions, and the Rules among the primary and associated stakeholders. The other important challenge would be to create new platform for knowledge through research and field investigations and sharing that for overall benefits of the communities through conservation practices.

The current technical manpower of the Board is meagre and its own capacity remains low for making any significant accomplishments of the objectives. Nevertheless, it is also a fact that the BDA 2002 and its provisions could become one of the most effective instruments for developing the green economy that the country, along with the rest of the world aspires to accomplish. Therefore, early and stronger initiatives on the above counts are going to be most pressing for the time being and in the time to come.



Dr. Shekhar Kumar Niraj, IFS
Principal Chief Conservator of Forests
and Secretary
Tamil Nadu Biodiversity Board

Introduction

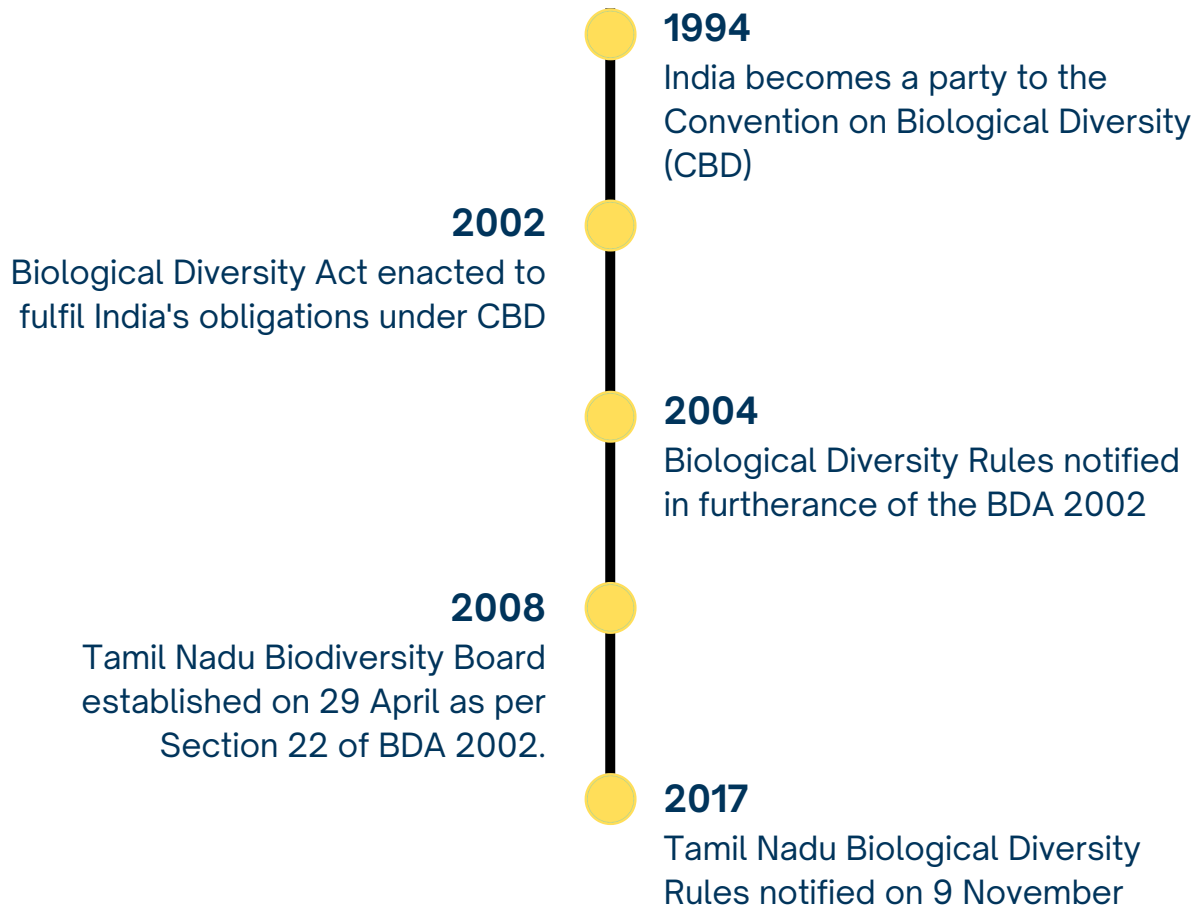
Tamil Nadu is one of the mega bio-diverse states of the country, being endowed with a bounty of rich biodiversity right from coastal marine ecosystems in the Gulf of Mannar to terrestrial evergreen forests in the Western Ghats. Out of the 16809 species of flowering plants in India, Tamil Nadu ranks first in species richness with 5674 taxa. The faunal diversity is also equally impressive which includes 165 species of fresh water fishes, 76 species of amphibians, 177 species of reptiles, 454 species of birds and 187 species of mammals.

The rich biodiversity of the state is faced with increasing pressure on account of habitat destruction, degradation, fragmentation, overuse of resources, invasion of alien species, pollution and climate change which threatens to push a number of endemic species to the verge to extinction and seriously impact the ecosystem services which are vital to human existence and well-being. While efforts at biodiversity conservation date back to times immemorial, they have been flagship species centric and area-based approaches, at best. The signing of the Convention on Biological Diversity (CBD) in 1992 signified the world-wide dawning of the realisation that biodiversity has to be conserved and sustainably used across landscapes.

Towards fulfilment of its national commitments as a signatory to the treaty (CBD), India enacted the Biological Diversity Act in the year 2002. Established in 2008 as per section 22 of the Biodiversity Act 2002, the Tamil Nadu Biodiversity Board has come a long way. In course of its journey spanning a period of 13 years, the Board has ensured the constitution of Biodiversity Management Committees across the state and preparation of People's Biodiversity Registers, organized training and capacity building programmes for stakeholders involved in the Access and Benefit Sharing (ABS) process, notably the Forest Range Officers (FROs), Block Development Officers (BDOs), District Forest Officers (DFOs) and companies using bio-resources.

Be that as it may, there is still a long way to be traversed before the BMCs are strengthened to become decentralised, grassroot level, self-sustaining institutions for conserving biodiversity on a sustainable basis through community participation, and biodiversity conservation becomes institutionalised and mainstreamed into the planning and programme implementational frameworks of the State. The Board is poised to walk these infant institutions through their teething phase on the path to the envisioned goals, extending necessary handholding support as required.

Genesis of TNBB



The Tamil Nadu Biodiversity Board was constituted on 29 April 2008 vide G.O. (Ms) No. 38 Environment and Forests (FR-5) Department under Section 22 of the Biological Diversity Act, 2002, with the Hon'ble Minister for Forests as the Chairperson of the Board. Since its constitution, senior IFS officers have been appointed as the Secretaries to the Board.

The Tamil Nadu Biodiversity Rules were notified on 9 November 2017 through G.O. Ms. No. 137, Environment and Forests (FR-5). The Rules came into effect from 6 December 2017 after which the Board's activities gathered momentum to achieve new heights.

The **Vision of the Board** is the “conservation and sustainable use of India's rich biodiversity and associated knowledge with people's participation, ensuring the process of benefits sharing for the well-being of present and future generations.” The **Mission of the Board** is to “ensure effective implementation of Biological Diversity Act, 2002, and the Biological Diversity Rules, 2004, for conservation of biodiversity, sustainable use of its components and fair and equitable sharing of benefits arising out of utilization of genetic resources.”

Functions of the Board



Section 23 of the Biological Diversity Act 2002

1. Advise the State Government, subject to any guidelines issued by the Central Government, on matters relating to the conservation of biodiversity, sustainable use of its components and equitable sharing of the benefits arising out of the utilization of biological resources;
2. Regulate by granting of approvals or otherwise, requests for commercial utilization or bio-survey and bio-utilization of any biological resource by Indians;
3. Perform such other functions as may be necessary to carry out the provisions of the Act or as may be prescribed by the State Government.



Rule 13 of the Tamil Nadu Biological Diversity Rules 2017

1. Lay down the procedure and guidelines to regulate the activities provided under Section 7 of the Act;
2. Advise the Government, subject to any guidelines issued by the Central Government, on any matter concerning conservation of biodiversity, sustainable use of its components and fair and equitable sharing of benefits arising out of the use of biological resources and knowledge;
3. Provide livelihood support to those villagers, who have shifted or are in the process of shifting from unsustainable livelihoods to sustainable livelihoods or as Trekking Service Providers;
4. Promote and strengthen individuals and institutions who are already working towards conservation, sustainable use and equitable benefit sharing of biological resources;

5. Provide technical assistance and guidance to various departments of the Government in connection with implementation of provisions of the Act;
6. Regulate by granting of approvals or otherwise, requests for commercial utilization or bio-survey and bio-utilization of any biological resources under the Act by Indians;
7. Facilitate updating and implementation of State Biodiversity Strategy and Action Plan;
8. Commission studies and sponsor investigations and research;
9. Engage consultants, for specific period, not exceeding three years, for providing technical assistance to the Board in the effective discharge of its functions;
10. Collect, compile and publish technical and statistical data, manuals, codes or guides relating to conservation of biological diversity, sustainable use of its components and fair and equitable sharing of benefits arising out of the use of biological resources and knowledge;
11. Organise through mass media, a comprehensive programme regarding conservation of biological diversity, sustainable use of its components and fair and equitable sharing of benefits arising out of the use of biological resources and knowledge;
12. Plan and organise training of personnel engaged or likely to be engaged in programmes for the conservation of biological diversity and sustainable use of its components;
13. Prepare the annual budget of the Board incorporating its own receipts and also the funds or grants from the Central Government, State Government and National Biodiversity Authority:

Provided that such allocation by the Central Government or State Government or National Biodiversity Authority shall be operated in accordance with the budget provisions approved by the Central Government or State Government or National Biodiversity Authority, as the case may be;

14. Approve the en-bloc sanctions of the annual budget and work programme;

15. Recommend to the Government, for creation of posts of the officers and employees of the Board for effective discharge of the functions by the Board and to create such posts, provided that no such post whether permanent, temporary or of any nature, shall be created without prior approval of the Government;
16. Approve the method of recruitment to the officers and employees of the Board;
17. Take steps to build up database and to create information and documentation system for biological resources and associated traditional knowledge through biodiversity registers and electronic databased, to ensure effective management, promotion and sustainable use;
18. Give advice and directions to the local bodies, Biodiversity Management Committees in writing for effective implementation of the Act and to facilitate their meaningful participation in all measures relating to conservation, sustainable use and equitable benefit sharing;
19. Report to the Government about the functioning of the Board and implementation of the Act and the rules made thereunder;
20. Devise methods to ensure protection of rights including intellectual property rights over biological resources and associated knowledge including systems of maintaining confidentiality of such information as appropriate, including the protection of the information recorded in People's Biodiversity Registers;
21. Sanction grants-in-aid and grants to Biodiversity Management Committees for specific purposes;
22. Undertake physical inspection of any activity or work to check whether it is in accordance with the provisions of the Act;
23. Ensure that biodiversity and biodiversity-dependent livelihoods are integrated into all sectors of planning and management, and at all levels of planning from local to State, to enable such sectors and administrative levels to contribute effectively to conservation and sustainable use;
24. Award individually or as a group, or both for innovation and contribution in the biodiversity sector of the State;
25. Formulate guidelines to the settlement of disputes between the Biodiversity Management Committees and to evaluate the performance of the Biodiversity management Committees and annually reward the best performing Biodiversity Management Committee at each level in the State;

26. Recommend in consultation with the local bodies for notifying the areas of biodiversity importance as biodiversity heritage sites under sub-section (1) of Section 37 of the Act and for the management and conservation of the heritage sites;

27. Perform such other functions as may be necessary to carry out the provisions of the Act or as may be assigned or directed by the Government from time to time.

Board Members

The Board was reconstituted as per G.O. (Ms) No. 08 Environment & Forests (FR-5) Department dated: 28.02.2020. One of the non-official members, Mr. T.S. Srinivasamurthy, IFS, PCCF (Retd.) submitted his resignation and Dr. Sanjay Kumar Srivatsava, IFS, PCCF (Retd.) was nominated as member of the Board.

S.No.	Name of the Officer	Designation
1	Hon'ble Minister for Forests, Tamil Nadu	Chairperson
2	Additional Chief Secretary to Government, Rural Development and Panchayat Raj Department	Ex-officio Member
3	Principal Secretary to Government, Environment, Climate Change and Forests Department	Ex-officio Member
4	Secretary to Government, Agriculture Department	Ex-officio Member
5	Principal Chief Conservator of Forests	Ex-officio Member
6	Principal Chief Conservator of Forests and Chief Wildlife Warden	Ex-officio Member
7	Dr. D. Narasimhan, Associate Professor (Retd.), Madras Christian College, Tambaram	Member
8	Dr. N. Krishna Kumar, IFS, PCCF (HoFF) (Retd.)	Member
9	Dr. Sanjay Kumar Srivatsava, IFS, PCCF (Retd.)	Member
10	Dr. C. P. Rajkumar, Nalam Hospital, Theni	Member
11	Dr. Jayashree Vecatesan, Care Earth Trust, Chennai	Member
12	Additional Chief Secretary to Government, Animal Husbandry, Dairying and Fisheries Department	Permanent Special Invitee
13	Member Secretary, Tamil Nadu Pollution Control Board	Permanent Special Invitee
14	Additional Chief Secretary to Government, Industries Department	Permanent Special Invitee

Expert Committees

The Tamil Nadu Biodiversity Board has thus far constituted five Expert Committees to guide and advise the Board on different technical matters relating to the implementation of the Biological Diversity Act, 2002.



AGRO-- BIODIVERSITY

- Mainstreaming biodiversity
- Documentation of traditional practices



ACCESS AND BENEFIT SHARING

- Review ABS applications
- Recommendations on matters related to benefit sharing



BIODIVERSITY HERITAGE SITES

- Recommending sites to be proposed as Biodiversity Heritage Sites (BHS)
- Advisory functions



BMC CONSTITUTION & PBR DOCUMENTATION

- Establishment of BMCs
- Documentation of PBRs
- Capacity building



LEGAL ADVISORY

- Implementation of Biological Diversity Act, 2002 and related matters
- Advice related to legal matters

Expert Committee on Access and Benefit Sharing

TNBB receives applications for access to biological resources under pertinent sections of the Act, either directly or through the National Biodiversity Authority (NBA). The ABS Expert Committee processes these applications and subsequently recommend them for approval or return the application. Once recommended, ABS agreements are signed between the applicant and TNBB to ensure that the benefits received are shared with the providers of biological resources.

S.No.	Name of the Member	Designation
1	Dr. D. Narasimhan Associate Professor (Retd.), Madras Christian College, Chennai	Chairperson
2	Dr. V. ArivudaiNambi Independent Expert on Biodiversity, Chennai	Member
3	Thiru. S. Elumalai Assistant Professor, School of Excellence in Law, Dr. Ambedkar Law University, Chennai	Member
4	Wildlife Warden, Chennai	Member
5	Secretary Tamil Nadu Biodiversity Board	Focal Point

The Expert Committee has met several times over the years to provide recommendations regarding the ABS applications received by the Board. The number of applications processed during the year 2021-22 by the Expert Committee is as follows:

Number of NBA applications processed	Number of TNBB applications processed
14	15

Expert Committee on Agro-biodiversity

The Expert Committee focuses on the aspects of biodiversity associated with agriculture and food. It considers TNBB's activities associated with mainstreaming conservation of agro-biodiversity, conserving agricultural practices and associated traditional knowledge as well as suggesting areas of agro-biodiversity that can be protected as Biodiversity Heritage Sites (BHS).

S.No.	Name of the Member	Designation
1	Ms. Jayashree Vencatesan Care Earth Trust, Chennai	Chairperson
2	Dr. R. Rangalakshmi Director, M.S. Swaminathan Research Foundation	Member
3	Dr. V. ArivudaiNambi Independent Expert on Biodiversity, Chennai	Member
4	District Forest Officer, Chennai Forest Division	Member
5	Secretary Tamil Nadu Biodiversity Board	Focal Point

Expert Committee on BMC Constitution and PBR Documentation

Biodiversity Management Committees (BMCs) are the ground-level institutional structures formed under the Biological Diversity Act, 2002. BMCs have important roles and functions under the Act, such as ensuring local biodiversity conservation, sustainable use of biological resources within their jurisdiction and the documentation of People's Biodiversity Registers (PBRs).

PBR is a dynamic record of all biological resources and associated traditional knowledge and knowledge holders within the jurisdiction of the respective BMCs. The BMC & PBR Committee oversees the constitution of BMCs and the preparation of PBRs by them. It also supports BMCs with their functioning through trainings and workshops whenever required.

S.No.	Name of the Member	Designation
1	Principal Secretary to Government, Rural Development and Panchayat Raj Department	Chairperson
2	Additional Principal Chief Conservator of Forests, Protection and Vigilance	Member
3	Chief Conservator of Forests (Research)	Member
4	Deputy Director, Advanced Institute for Wildlife Conservation (Research, Training and Education), Vandallur, Chennai	Member
5	Secretary Tamil Nadu Biodiversity Board	Focal Point

Expert Committee on Legal Advisory

The Biological Diversity Act, 2002, has a broad scope thus leading to the possibility of many interpretations by different actors involved in the ABS process. The highly technical nature of the Act necessitated the formation of the Legal Advisory Committee. It provides advice to the Tamil Nadu Biodiversity Board on various provisions of the Act relevant to specific situations.

S.No.	Name of the Member	Designation
1	Thiru. K. Chidambaram, IFS (Retd.), Principal Chief Conservator of Forests	Chairperson
2	Thiru. S. Elumalai Assistant Professor, School of Excellence in Law, Dr. Ambedkar Law University, Chennai	Member
3	Chief Conservator of Forests (Headquarters)	Member
4	District Forest Officer, Tiruvallur Forest Division	Member
5	Secretary Tamil Nadu Biodiversity Board	Focal Point

Expert Committee on Biodiversity Heritage Site

TNBB has constituted an expert committee for examining the proposals for BHS and shortlisting suitable sites. The BHS Expert Committee meets as and when necessary, reviews proposals and submits a report to the Board.

S.No.	Name of the Member	Designation
1	Principal Chief Conservator of Forests and Chief Wildlife Warden	Chairperson
2	Additional Principal Chief Conservator of Forests (Wildlife)	Member
3	Secretary, Tamil Nadu Biodiversity Board	Member
4	Dr. D. Narasimhan Member, Tamil Nadu Biodiversity Board	Member
5	Dr. C. P. Rajkumar Member, Tamil Nadu Biodiversity Board	Focal Point

Board Meetings

The tenth meeting of the Tamil Nadu Biodiversity Board was conducted on 13 December 2021 at the Secretariat, Chennai.

Meeting Highlights and Key Decisions

- The meeting was held under the Chairmanship of the Hon'ble Minister for Forests and Chairperson, Tamil Nadu Biodiversity Board, and was attended by official and non-official members and other special invitees.
- The Additional Principal Chief Conservator of Forests & Secretary of the Board (TNBB) made a presentation on the agenda items, detailing the progress made by the board and the roadmap for the future. Detailed deliberations on the agenda items were made and decisions taken accordingly.
- In a function held at Secretariat, Chennai after the meeting, the Hon'ble Minister of Forests distributed ₹37,32,179 to 21 Biodiversity Management Committees (BMCs) of Ramanathapuram, Toothukudi, Thanjavur and Pudukottai districts. The amount being the benefit sharing component for accessing bio-resources, had been remitted by M/s Pepsi Co, Ganeshan & Sons and Sea6 Energy Pvt Ltd.
- A sum of ₹15,55,110 had been transferred by the National Biodiversity Authority to the Tamil Nadu Biodiversity Board as benefit sharing component obtained from ten applicants for accessing biological resources for research purpose in accordance with Section 21 of Biological Diversity Act 2002 read with Rule 20 of Biological Diversity Rules 2004. Out of this, an amount of ₹11,83,700 was distributed by the Hon'ble Minister to the benefit claimants.
- An amount of ₹45,60,480 was also disbursed on the occasion to 90 block level model BMCs as the first instalment of the startup fund received from the National Biodiversity Authority for operationalising the BMCs. The amount would be spent by the BMCs for, among other things, their functioning, conducting meetings of BMC, and awareness creation. The representatives of TNAU, The SIMA Cotton Development and Research Association in Coimbatore District, C. Abdul Hakeem College, Vellore District and Nellikuppam BMC, Cuddalore District, Poondi BMC, Tiruvallur District and Tirukalukundram BMC, Chengalpattu District were present to receive the amount.

The following dignitaries were present at the meeting:

- Tmt. Supriya Sahu, IAS, Principal Secretary, Environment, Climate Change and Forests,
- Thiru T. S. Jawahar, IAS, ACS, Animal Husbandry and Fisheries,
- Tmt P. Amudha, IAS, Principal Secretary Rural Development & Panchayat Raj Department,
- Thiru C. Samayamoorthy, IAS, Principal Secretary Agriculture Department,
- Thiru Ashok Upreti, IFS, Principal Chief Conservator of Forests (HoD),
- Thiru Debasis Jana, IFS, Secretary TNBB,
- Thiru J. Justin Mohan, IFS, National Biodiversity Authority,
- Other members, and permanent and special invitees of the Board.



On-site training to BMCs in Vadipatti, Madurai



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Activities of the Board

Highlights

- On-site and online training of biodiversity management committees (BMCs).
- Celebration of International Day for Biological Diversity 2021
- India Biodiversity Awards 2021 - Forest Range Officer from Tamil Nadu wins award.
- Webinar organised on the eve of World Oceans Day 2021.
- Brainstorming session for State Biodiversity Strategy and Action Plan.

Biodiversity Management Committees (BMCs)

Field Visits and Training

Biodiversity Management Committees (BMCs) are the grassroots level institutions in the implementation hierarchy. They are established at every local body, both rural and urban. Tamil Nadu has 13,607 BMCs constituted till date at various levels with the major chunk being Village Panchayat level BMCs numbering 12,524. These BMCs are currently at an infancy stage requiring technical and financial handholding for them to function in a self-sustaining manner. For this purpose, 90 Block level Panchayat BMCs have been selected as Model BMCs. TNBB is in the process of training these 90 Block level BMCs and also the Village Panchayat level BMCs in these Blocks.



Activity to BMC members



Visit to Katchaikatti Village Panchayat BMC

The target audience for whom the training is proposed are primarily BMC stakeholders consisting of Block Development Officers who are the Block level BMC secretaries, BMC members, Village Panchayat presidents, and Village Panchayat secretaries who are also the Village Panchayat BMC secretaries.

The training programme included an introduction to biodiversity concepts, overview about laws and legislations pertinent to biodiversity, i.e., the Biological Diversity Act, 2002, Biological Diversity Rules, 2004, and the Tamil Nadu Biological Diversity Rules, 2017, a brief on the roles and responsibilities of BMCs, an overview on the People's Biodiversity Register (PBR) and a summary of the Access and Benefit Sharing (ABS) mechanism.

In July 2021, the Board, in coordination with the Forest Department and Rural Development and Panchayat Raj Department, conducted a training and capacity building program in the Alathur Block BMC including 13 Village Panchayat BMCs under Perambalur district. In a similar fashion, a team from TNBB conducted BMC training programmes in Vadipatti Block in Madurai district covering 22 Village Panchayat BMCs and Narikudi block in Virudhunagar district covering 14 Village Panchayat BMCs.

The interactive sessions with the participants made them open up regarding the available resources, collection of bio-resources, scope for conservation and other activities. The participants also actively raised several questions regarding the various roles, responsibilities, powers and scope pertaining to BMC.



Jamun - Collection & Drying at Kutladampatti village



Medicinal plants in Mullipallam village

Based on the inputs given and interest shown by the villagers, some of the villagers were chosen for further field visit. In coordination with Village Panchayat presidents, the villages of Katchaikatty, Kutladampatti, Viralipatti, Mullipallam, Kadupatti, Mannadimangalam and Thirurvedagam of Vadipatti block in Madurai district were visited.

Most of the above villages were rich in biodiversity, especially medicinal plants which were collected and traded. Some people were practicing sustainable harvesting while some had least regard for it. But widespread medicinal plant trade could be seen in the areas visited. The village people where visits were undertaken, after knowing about the provisions of ABS and charging levy fee for utilization of resources showed great interest in activating the BMC and taking further actions.

The availability of huge amount of resources (already being collected) throughout the year gives huge scope for ABS and charging levy fees which can help in improving livelihood of the villagers especially those involved in collection. There is also scope for creation of localized value addition centre and cultivation of traded species that are in high demand.

The Katchaikatti village of Vadipatti block is known for a special breed of sheep called the Katchaikatti Black Sheep due to its fighting qualities. It is unique to the village and is often used for ram fighting. The sheep's dung serves as a rich organic manure to enhance the fertility of agricultural fields. Hence, it is used for penning, a practice wherein a flock of sheep are enclosed in an agricultural field for a certain period and the excreta is used as manure. This practice is another income generator for the sheep growers.



Katchaikatti black sheep - endemic to the village



Medicinal plant godown at Virudhunagar

In Virudhunagar district, one of the hubs for medicinal plant trade, the team visited a godown that was a processing facility in the region. Also, the team interacted with a few traders in the district and obtained information on the trade routes and end users of biological resources.

The information gathered has been documented for facilitating ABS mechanism. Furthermore, the participants of the training programme requested for such programmes be conducted frequently. They also requested for necessary technical and financial support to carry out various activities pertinent to biodiversity conservation and natural resource management.

On-site Training



On-site training to BMC members - Rajakkamangalam, Thovalai and Thiruvattar Blocks, Kanyakumari

In November 2021, as a means of providing necessary handholding support to the Biodiversity Management Committees (BMCs) for their sustained functioning, a training programme was conducted by Thiru. M. Prabakaran, Training Program Coordinator, TNBB, for the blocks of Rajakkamangalam, Thovalai and Thiruvattar in Kanyakumari district.

The training focused on the topics of biodiversity, the Biological Diversity Act 2002, the functions and operationalization of BMCs, hands-on training on record keeping and process of documentation of People's Biodiversity Registers (PBRs) and provisions of Access and Benefits Sharing (ABS) under the Biological Diversity Act 2002.



On-site training to BMC members - Rajakkamangalam, Thovalai and Thiruvattar Blocks, Kanyakumari

Online Training

An online training workshop was conducted by the Board from 15th to 29th March 2022, for secretaries of Biodiversity Management Committees (BMCs) at the district, block and village panchayat levels. The main aim of the online workshop was to create awareness among BMCs regarding biodiversity conservation activities and maintenance of People's Biodiversity Registers (PBRs). Secretaries of district and village panchayats, block development officers (BDOs) of block panchayats from 29 districts participated in the workshop.

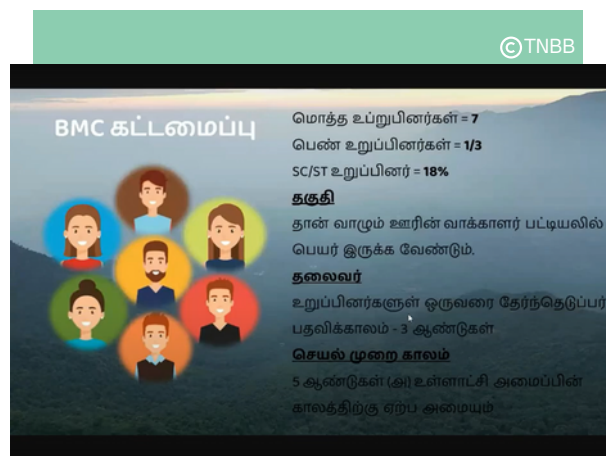
The medium of instruction for the entire training workshop was Tamil. The workshop began with Ms. Varsha, NBA-UNDP BSIP intern, introducing the concept of biodiversity, its types namely genetic, species and ecosystems diversity, and the importance of conserving biodiversity. Relevant local examples were used for the audience to gain a better understanding of the concepts.



Digital poster for the online training workshop

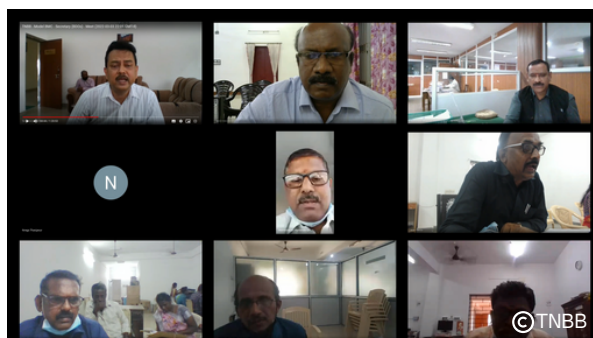
Thereafter, the Biological Diversity Act 2002 (BDA 2002) and its objectives were presented and the three-tier institutional mechanism explained with a focus on the legal provisions pertaining to the establishment of Biodiversity Management Committees (BMCs) in each local body. Details regarding BMC constitution, meetings, local biodiversity fund (LBF) were also explained.

Subsequently, Mr. Ajeeth, Technical Executive, explained the roles and responsibilities of BMCs, the formation of technical support groups (TSGs), preparation of people's biodiversity registers (PBRs), conservation through biodiversity heritage sites (BHS) and the access and benefit sharing (ABS) mechanism, providing suitable examples from local contexts. A short video (in Tamil) was played explaining the Biological Diversity Act 2002, the three-tier institutional mechanism, the constitution and role of BMCs, the importance of preparing PBRs, and ABS mechanism.

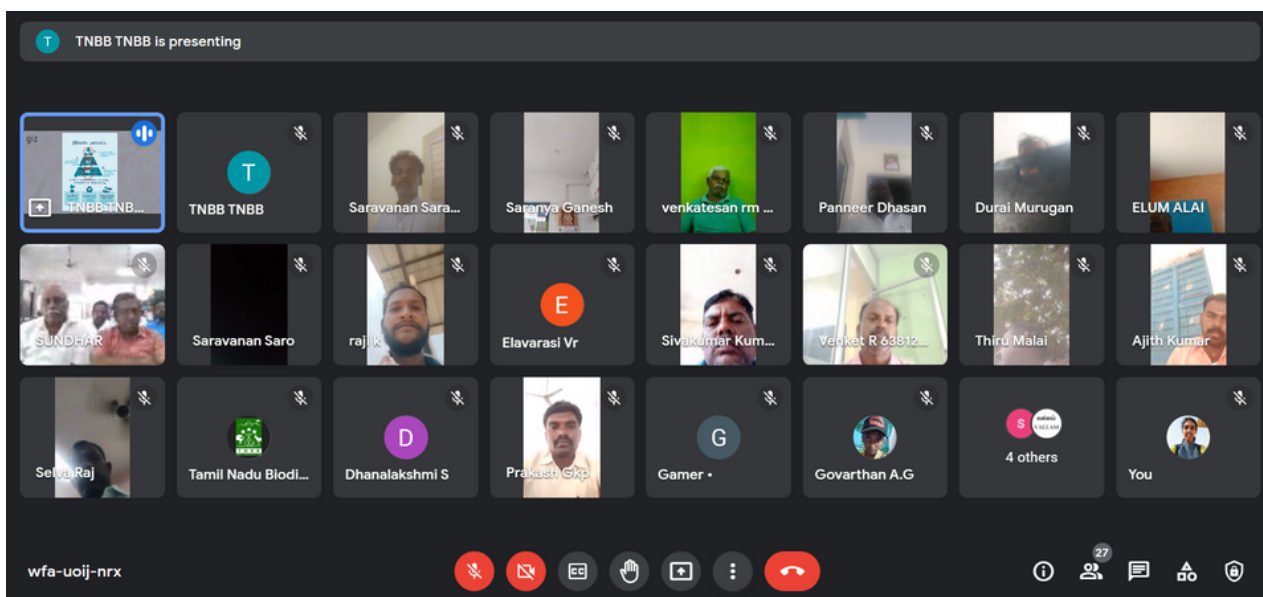


Snapshot of content presented to the participants

This was followed by an interaction with the participants by Mr. Debasis Jana, IFS, APCCF & Secretary, TNBB. He reviewed the progress of BMC meetings and activities and sought the mandatory and timely submission of minutes of the meetings held by each BMC. He further explained the importance of preparing PBRs in the local language, i.e., Tamil, for the benefit of the people as well as an aid in conserving biodiversity.



Mr. Debasis Jana, APCCF & Secretary, interacting with the participants



Snapshot of the online training programme

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In the end, the floor was open for questions and concerns from the BMC members regarding aspects such as BMC functioning, ABS mechanism, PBR preparation and other administrative tasks. Members clarified doubts regarding preparation of PBRs and other financial aspects, assured that meetings would be conducted as stipulated in the legal provisions and provided suggestions on taking forward the provisions of BDA 2002 to a larger audience.

Access and Benefit Sharing (ABS)

In line with the Guidelines on Access to Biological Resources and Associated Knowledge and Benefits Sharing Regulations, 2014, the Tamil Nadu Biodiversity Board hosted an ABS Expert Committee meeting on 22 August 2021, in which 5 applications which were received through NBA, were taken up for approval and further processing. The Board has been receiving and processing applications from industries / institutions / individuals who are desirous of accessing and utilising biological resources thereby regulating and ensuring its sustainable use.

The Board has identified a tentative list of industries that are extracting and utilising biological resources and has been issuing notices to them to comply with the Biological Diversity Act, 2002 and the provisions relating to access and benefits sharing (ABS). In this regard, the Board had issued notices to 577 companies in February 2022. As a result, the Board has also been receiving responses and Form-I applications for the same.

For the year 2021-22, the Board had received 44 Form-1 applications of which 15 were approved.

The following table depicts the details of ABS funds received and distributed:

Amount received by TNBB in FY 2021-22 (in ₹)	Source of ABS amount (Resource-user/Company)	Amount distributed to Benefit Claimers in FY 2021-22 (in ₹)
72,19,378 2,79,825	BASF Beauty Care Solutions SILAB - Societe Industrielle Limousine d'Application Biologique	53,04,104
1,59,367	Unilever Industries Pvt. Ltd	
82,078	Sea6 Energy Pvt. Ltd	
16,178	TTK Health Care Ltd	
10,238	Semillas Fito India Pvt. Ltd	
3,938	Tata Chemicals	
3,000	Microbial Farm, Pudukottai	
77,74,002	TOTAL	

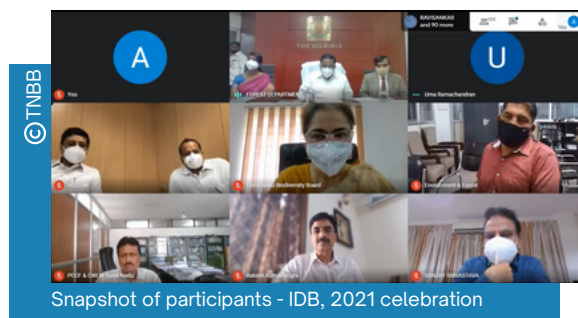
International Day for Biological Diversity 2021

The International Day for Biological Diversity is celebrated worldwide every year on 22 May to increase understanding and awareness on biodiversity issues. The theme for 2021 was "We're part of the solution #ForNature". In connection with the same, TNBB conducted a webinar on the topic "Biodiversity Conservation - We are part of the solution - For nature" on 21 May 2021.

The webinar was presided over by Thiru. K. Ramachandran, Hon'ble Minister for Forests and Chairperson, TNBB. The Special Address was given by Thiru. Sandeep Saxena, IAS, Additional Chief Secretary to Government, Environment and Forests Department, and Thiru. Hans Raj Verma, IAS, Additional Chief Secretary to Government, Rural Development and Panchayat Raj Department, focusing on the importance of biodiversity and its linkage with livelihoods. Six delegates addressed the participants in the technical session.



Hon'ble Minister for Forests and Chairperson, TNBB delivering his address during IDB, 2021 celebration



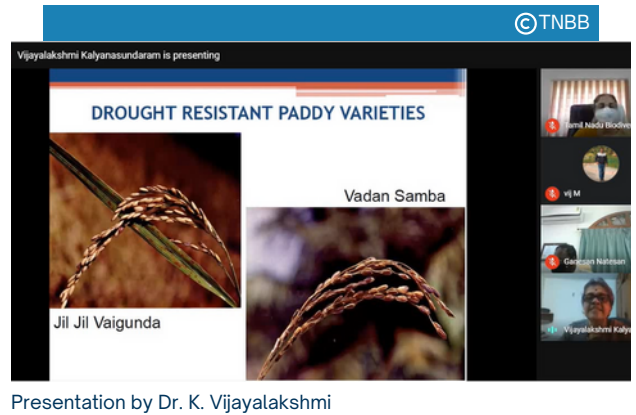
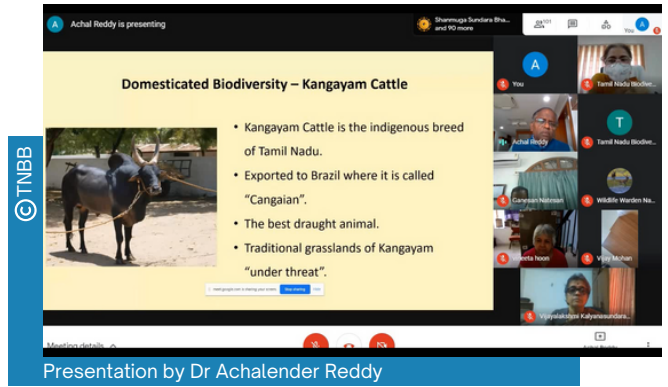
Snapshot of participants - IDB, 2021 celebration

Six delegates addressed the participants in the technical session. Thiru. C. Achalender Reddy, IFS (Retd.), Ex-PCCF, Arunachal Pradesh, Member, National Biodiversity Authority, and presently Director, Centre for Innovations in Public Systems, Hyderabad, spoke on the topic "Biodiversity and Biological Diversity Act - Challenges in Understanding and Implementation" wherein he emphasized the challenges in implementing the Biodiversity Act.

The future trends that were flagged by him were increase in human population which will have a huge effect on biodiversity, illegal removal of timber, soil, medicinal plants and even non-biological resources which greatly affects the habitat, climate change, pollution, water scarcity, soil health, etc. and the powers given to communities represented by Biodiversity Management Committees (BMCs) through the Biodiversity Act and the relevant rules. He also spoke on the importance of conserving natural livestock breeds.

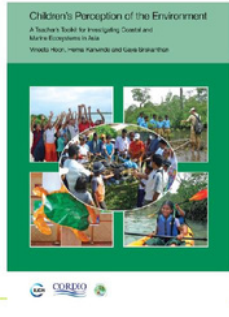
Dr. K. Vijayalakshmi, Director, Sempulam Sustainable Solutions Pvt. Ltd., spoke about the importance of agro-biodiversity for its financial and ecological benefits. Dr. Divya Mudappa, Senior Scientist, Nature Conservation Foundation, Mysore, spoke on "Caring for a landscape: wildlife conservation in a rainforest plantation mosaic in the Western Ghats".

Dr. S. Muralidharan, Senior Principal Scientists and Head, Division of Ecotoxicology and Director In-Charge, SACON, spoke about "Impact of indiscriminate pesticide use in birds: An Indian Scenario".



Being part of the Solution

Our Mission is to help conserve the ecological biodiversity and cultural diversity found in coastal (Coral Reefs & Mangroves) and Himalayan environments that have enriched our lives for the future generations to enjoy



VINEETA HOON TNBB WEBINAR MAY 22, 2021

Presentation by Dr. Vineeta Hoon

Dr. Anita Varghese, Director, Keystone Foundation, highlighted the issues pertaining to Gaurs. Dr. Vineeta Hoon, Founder & Director, Centre for Action Research on Environment Science & Society, Chennai, spoke on the topic "Encounters with Biodiversity around the Globe including the Antarctic".

Online singing and lyric writing competition

on the eve of International Day for Biological Diversity 2021

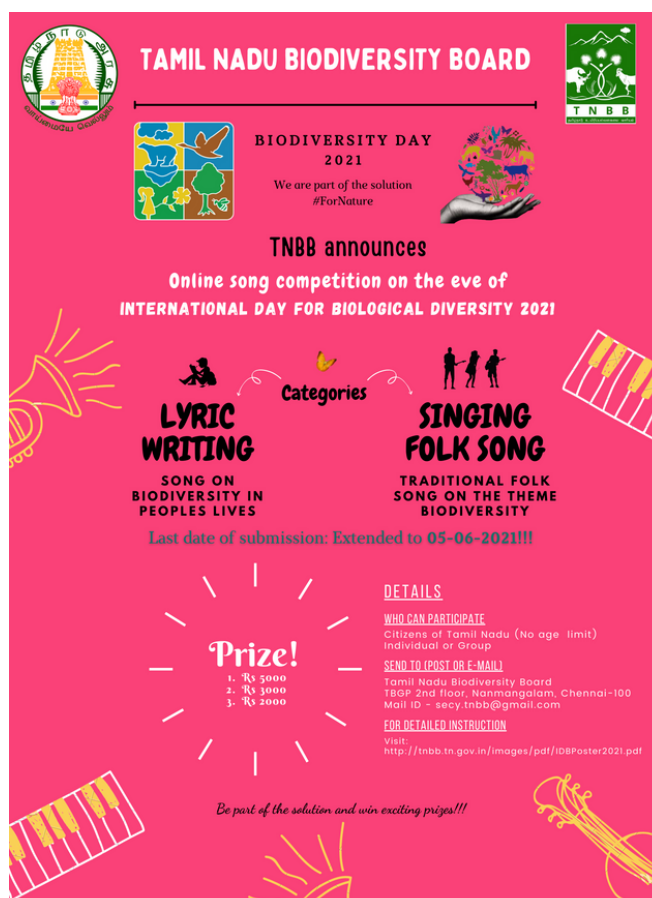
The Board conducted an online competition for the general public on singing folk songs and lyric writing on biodiversity in order to increase awareness about biodiversity among the people.



Folk song singing Winners	Lyric writing Winners
B Rajan Coimbatore	Kavimamani Thagadur Tamil Kathir Krishnagiri
V Sundaresan The Nilgiris	Dr.R Ramkumar Kanyakumari
B Balamurugan Sivagangai	K Saraswathi Thoothukudi

Despite COVID 19 lockdown, the competition saw exciting participation from the people and the entries received were evaluated by a judging committee.

The winners were felicitated with cash prize and all the participants were provided with a participation certificate.



Poster of the competition

India Biodiversity Awards 2021

©TNBB



Certificate of award presented to Mr. S. Sathish, Forest Range Officer.

On the eve of International Day for Biological Diversity on 22 May 2021, in a programme organized by the Ministry of Environment, Forest and Climate Change (MoEFCC) and the National Biodiversity Authority (NBA), Mr. S. Sathish, Forest Range Officer, Ramanathapuram Wildlife Range, was presented the India Biodiversity Award 2021 in the "Sustainable Use of Biological Resources (Individual)" category. He was awarded for his exemplary work in reviving and activating the Eco Development Committee of Kaarankaadu village in Ramanathapuram district and initiating eco-tourism in the area, thereby sustainably utilizing the biological resources for betterment of the local community and also paving way for nature conservation.

NBA hosts the India Biodiversity Awards every two years to recognise individuals and institutions, in 8 different categories, who are pioneers in the conservation of biodiversity. Both entries from Tamil Nadu made it to the final round, of which one was declared the winner and the other, Sedapatti Block BMC in Madurai district, received a letter of appreciation under the category of "Best BMC".

World Oceans Day 2021

On the eve of World Oceans Day on 8 June 2021, a webinar was organised by the Board to emphasise the importance of and create awareness about marine resources which are not as well understood as terrestrial resources.

Thiru. J. Jayakanthan, IAS, Commissioner of Fisheries, was a special invitee who spoke about policy and programmes of the Fisheries Department for marine based livelihoods. Dr. K. Sivakumar, Scientist-F, Wildlife Institute of India, gave an overview of the coastal and marine biodiversity of Tamil Nadu.



Participants of World Oceans Day, 2021 Webinar



Seaweed cultivation

Dr. J. K. Patterson Edward, Director, Sugnathi Devadason Marine Research Institute, spoke on various issues related to conservation of the marine wealth of Gulf of Mannar and Palk Bay, which is an imperative for sustainable livelihood. He highlighted the problems such as reduction in seagrasses, coral bleaching, farming of invasive seaweed species *Kappaphycus alvarezii*, etc.

Dr. K. Mohammed Koya, Scientist, Central Marine Fisheries Research Institute, spoke about indigenous seaweed farming - a climate smart enterprise for inhabitants of vulnerable coral atoll reef in Lakshadweep. He highlighted how they achieved 56-fold growth on an average in 45 days of cultivation of the native seaweed species *Gracilaria edulis* and *Acanthophora spicifer*. Such studies on lucrative cultivation of native species in Tamil Nadu is the need of the hour to replace invasives and save local ecosystems.

Thiru. Yogesh Warkad, IFS, Regional Deputy Director, and Thiru. Rakesh Burman from the Wildlife Crime Control Bureau, Mumbai, spoke about the illegal trade in marine species with special reference to the export-import policy.

Dr. D. Narasimhan, Member, Tamil Nadu Biodiversity Board, gave a brief about the ABS amount obtained from the cultivation of seaweeds in the coast of Tamil Nadu and the Expert Committee's work to identify the right benefit claimers and in framing the rules for utilising the benefits obtained.

Dr. N. Krishna Kumar made a remark by emphasizing the importance of marine biodiversity and how these sessions by various speakers would be helpful in taking further steps in the conservation of marine resources. He also highlighted some of the issues that have stayed for long and needed to be resolved without loss of time.

Poster of the webinar shared for participation



The poster is set against a background of a blue ocean with white waves. At the top, there is a banner with the United Nations logo, 'WORLD OCEANS DAY 2021', and the 'TAMIL NADU BIODIVERSITY BOARD' logo. Below the banner, the text reads: 'TNBB cordially invites you to be part of the Webinar on Conservation and Sustainable use of Marine Resources on the eve of World Oceans Day 2021 The Ocean : Life and Livelihoods'. The 'SPEAKERS' section lists: Dr. K. Sivakumar (Scientist-F, Wildlife Institute of India), Dr. J.K. Patterson Edward (Director, Suganthi Devadason Marine Research Institute), Dr. K. Mohammed Koya (Scientist, Central Marine Fisheries Research Institute), and Shri Rakesh Burman (Wildlife Crime Control Bureau, Mumbai). Each speaker has a small circular portrait. The 'SCHEDULE' section states: '10:30 a.m - 1:30 p.m June 8, 2021'. The 'LINK' section provides the URL: 'https://tinyurl.com/yw5b6ttm'. At the bottom, there are illustrations of various marine life including a sea turtle, a fish, a coral reef, and a whale. A vertical copyright notice '©TNBB' is on the right side.

WORLD OCEANS DAY 2021 TAMIL NADU BIODIVERSITY BOARD

TNBB cordially invites you to be part of the
Webinar on Conservation and Sustainable use of Marine Resources
on the eve of
World Oceans Day 2021
The Ocean : Life and Livelihoods

SPEAKERS

Dr. K. Sivakumar
Scientist-F
Wildlife Institute of India

Dr. J.K. Patterson Edward
Director, Suganthi Devadason Marine
Research Institute

Dr. K. Mohammed Koya
Scientist, Central Marine
Fisheries Research Institute

Shri Rakesh Burman
Wildlife Crime Control Bureau
Mumbai

SCHEDULE
10:30 a.m - 1:30 p.m
June 8, 2021

LINK
<https://tinyurl.com/yw5b6ttm>

©TNBB

State Biodiversity Strategy and Action Plan

The first brainstorming session for initiating the preparation of an updated State Biodiversity Strategy and Action Plan (SBSAP) was conducted on 15 April 2021. The meeting was chaired by Ms. Mita Banerjee, IFS, APCCF and Secretary, TNBB and joined by members of TNBB, Dr. Jayshree Vencatesan, Dr. Narsimhan and Dr. Arivvudai Nambi.

The main participants were the nodal officers of each district and other officials. The prime objective of the programme was to obtain inputs on issues pertaining to the implementation of the provisions of the Biological Diversity Act, 2002 (BDA 2002), and related rules, aspects to be focused upon by the Board for the purpose of conservation, sustainable use and benefit sharing, possible strategies and useful ideas for the SBSAP based on the experience of various nodal officers (District Forest Officers) and Board members to assist in the preparation of SBSAP for Tamil Nadu.

The context of brainstorming was set by Ms. Mita Banerjee by giving background information on the principal objectives of the Convention on Biological Diversity (CBD), the Sustainable Development Goals (SDGs), BDA 2002, the National Biodiversity Strategy and Action Plan (NBSAP), Nationally Determined Contributions (NDCs) pertaining to climate change, economic wisdom in conservation, etc. thereby throwing light on what was expected out of the discussions.

Subsequently, several valuable inputs were shared by each participant indicating key areas of focus. Based on the feedback received during the meeting, follow-up action is being taken in the form of requesting information pertaining to key areas of focus and measures/strategies from line departments, scientific organisations, and educational and research institutions, so as to further analyse and plan ahead and proceed with the preparation of SBSAP.

The Ratio

Open House Meeting

Tamil Nadu Biodiversity Board (TNBB) is a statutory, autonomous & regulatory body of the Government of Tamil Nadu established to implement the mandates of Biological Diversity Act, 2002. The primary objectives of the act being Biodiversity Conservation and Natural Resource Management, the aspects of conservation and regulation are enacted in the State of Tamil Nadu by TNBB, with National Biodiversity Authority (NBA) being the top-level authority in the implementation hierarchy.

In order to accomplish its mandates using the available limited resources, an open house meeting was held on 22 September 2021 at the Tamil Nadu Government Secretariat, Chennai to discuss on laying a roadmap for Tamil Nadu's focus on biodiversity conservation in the future. The meeting was presided over by the Principal Secretary to Government, Environment, Climate Change and Forest Department.



Thiru. Debasis Jana IFS, APCCF & Secretary, TNBB presenting to the participants during the open house meeting

The context for the discussion was set by Thiru. Debasis Jana, IFS, Additional Principal Chief Conservator of Forest and Secretary, Tamil Nadu Biodiversity Board wherein the current scenario of the Board and the proposed roadmap ahead was enumerated through a detailed presentation after which suggestions were put forward by officials represented by various line departments and stakeholder organizations/institutions.

Key Suggestions

- Increase the visibility of the Board and its activities through increased awareness and publicity.
- Involve the student community and youth in biodiversity conservation activities.
- Provide training and capacity building to various stakeholders in cyclic manner.
- Undertake institutional strengthening of Biodiversity Management Committees (BMCs).
- Garner more companies under the bracket of ABS.

From the suggestions obtained, 35 imperative action points were listed down to be pursued by the Board so as to accomplish them by March 2022.

The following delegates were present for the discussion:

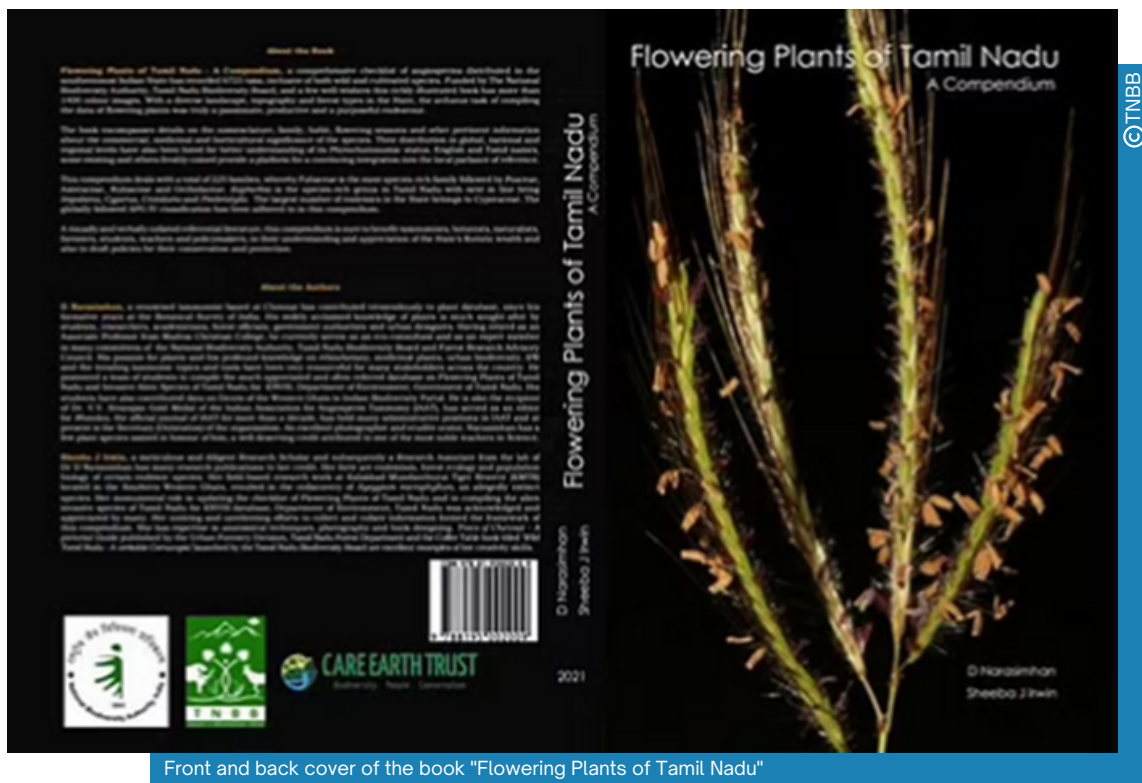
Dr. N. Krishnakumar, Retd IFS (Former PCCF & HoFF), Board Member, Tamil Nadu Biodiversity Board; Dr. D. Narasiman, Member, TNBB; Dr. V. Arivudai Nambai, Independent Biodiversity Expert & Member, ABS Expert Committee, TNBB; Dr. M.U. Sharief, Scientist-E & Head, Southern Regional Centre, Botanical Survey of India; Thiru. Samuel Inbaraj, Director, State Institute of Rural Development; Dr. R. Venkitesan, Scientist-E, Southern Regional Centre, Zoological Survey of India; Dr. P. Sudhakar, G. Viswanathan, Joint Secretary to Government, Environment, Climate Change and Forests Department, Director of CPR Environmental Education Centre; Thiru. R. Ravichandran, Deputy Director, Fisheries and Fisherman Welfare Department; Tmt. K.S. Sivagami, Under Secretary to Government, Rural Development and Panchayat Raj; Thiru. J. Mohan, Assistant Director, Agriculture Department; M. Krishna Devi, Agricultural Officer, Agriculture Department; Dr. M. Krishnaveni, Technical Consultant, State Medicinal Plant Board; Tmt. R. Sarasavani, Joint Chief Environmental Engineer, Tamil Nadu Pollution Control Board; Dr. N. Parasuraman, M S Swaminathan Research Foundation; Dr. G.N. Hariharan, M S Swaminathan Research Foundation; Dr. C. Manjula, Consultant, TNBB; Thiru. Pratim Roy, Founder Director, Keystone Foundation, Kotagiri; Dr. Jayashree Vencatesan, Care Earth Trust, Chennai.

Publication on Tamil Nadu's Floral Diversity

Board member Dr. D. Narasimhan , Professor (Retd.) , Madras Christian College along with his Doctoral pupil Dr. Sheeba J.Irwin brought out a database on the floral diversity of the state, titled 'Flowering Plants of Tamil Nadu: A Compendium' which encompasses a whopping 6723 taxa consisting of comprehensive information including species distribution, threat status, endemism and its economic use.

The compendium in its own will act as a kind of atlas for species identification especially in the PBR validation and updation process. The book shall also be of immense use to botanists, taxonomists, foresters, wildlife ecologists and other stakeholders to comprehend the diversity and distribution of flowering plants in the state.

The documented book has thus proven the species richness of the state in terms of floral diversity which stands number one in the country despite having a mere 4% geographical area with several species being endemic to the state. The book was made possible with the support and aid of National Biodiversity Authority, Tamil Nadu Biodiversity Board and Care Earth Trust – a Chennai based biodiversity research organisation.



Front and back cover of the book "Flowering Plants of Tamil Nadu"

Online Photography Contest

The Board organized an online photography contest in March 2022 on the theme "EXPLORE-CAPTURE-SHARE: Tamil Nadu's Rich Biodiversity Heritage" in order to showcase the rich biodiversity of the state of Tamil Nadu and to create awareness among the general public regarding the same.

A total of 191 images had been received from 67 participants in the following broad categories:

- Landscapes and Natural Habitats (45 entries)
- Birds (37 entries)
- Insects and Spiders (58 entries)
- Plants and Agro-biodiversity (19 entries)
- Mammals, Amphibians, Reptiles, and Marine creatures (29 entries)
-

The judgement is currently in process and the entries are being judged for their creativity, originality, quality and relevance. The results of the contest shall be announced soon.



Tamil Nadu Biodiversity Board announces online

Photography Contest

on the theme

EXPLORE - CAPTURE - SHARE
TAMIL NADU'S RICH BIODIVERSITY HERITAGE

Submission Guidelines:

- Accepted formats: JPEG/PNG with original resolution
- Only colour photos are accepted
- Minimum resolution - 1024 x 768 pixels
- Aspect ratio - preferably 3:4 (Landscape images)
- Refer to the link given below for detailed guidelines

Best entries shall be rewarded suitably

Landscapes and Natural Habitats ;
Unique Species/Varieties
(Birds, Mammals, Reptiles,
Amphibians, Insects, Plants, etc.);
Underwater life ;
Biodiversity Types
(Genetic, Species or Ecosystem)

To participate:
Scan the QR Code or
Click the following link
<https://forms.gle/jX2GLU6MK8GyTLY2A>

Deadline
30 March 2022

Poster shared for the Photo Contest in March 2022

TNBB on Social Media Platforms

The Tamil Nadu Biodiversity Board established its presence on various social media platforms on 3 March 2022 in order to increase connectivity between the Board and the general public as well as to create publicity & awareness about biodiversity conservation.

Connect with TNBB



TNBB_Secy



@tnbb_secretariat



Tamil Nadu Biodiversity Board

Snapshot of the first post on TNBB's Twitter page



Audit Report

TAMILNADU BIODIVERSITY BOARD	
2nd Floor, TBGP Campus, Tambaram - Velachery Main Road Medavakkam, Chennai, Tamilnadu - 600 100	
Receipts and Payments A/c for the year ended 31-Mar-2022	
Particulars	INR
I OPENING BALANCE	Rs.
BANK ACCOUNTS	2,73,52,589
CASH	7,987
Sub - Total (I)	2,73,60,576
II RECEIPTS	
GRANT IN AID - NATIONAL BIODIVERSITY AUTHORITY - ABS & Govt	25,65,479
Grant in Aid - TIDEL – Documentary Film	15,00,000
Interest on Savings Ac	6,57,484
Form - 1 Application Fees & ABS Amount	6,14,620
Salary Deductions	5,15,099
Sub - Total (II)	58,52,682
III PAYMENTS	
FIXED ASSETS	12,626
GRANT IN AID - SURRENDER - NBA	4,67,547
BOOKS AND PUBLISHING EXPENSES	4,760
BOARD MEETING EXPENSES	1,90,277
RENT AND MAINTENANCE	1,71,248
SALARIES AND WAGES - STAFF	34,38,012
SALARIES AND WAGES - OTHERS	2,24,665
ADMINISTRATIVE EXPENSES	7,79,993
District biodiversity - ABS	80,14,794
District biodiversity - BMC	40,03,088
Salary Deductions	5,24,699
Sub - Total (III)	1,78,31,709
IV CLOSING BALANCE	
BANK ACCOUNTS	1,53,81,549
CASH	-
Sub - Total (IV)	1,53,81,549

Financials include Notes forming parts of accounts
Compiled from Information furnished

For on Behalf of the Tamilnadu Biodiversity
Board

For **SLS ASSOCIATES**
Chartered Accountants
Firm Reg. No : 05951S



LAKSHMISUBRAMANIAN
PARTNER
Membership No. : 028927
ICAI-UDIN-22028927BELXTM2779
Place: CHENNAI
Date: 30 Nov 2022

For on Behalf of the Tamilnadu Biodiversity
Board
Dr Shekhar Kumar Niraj (IFS)
PCCF & MEMBER SECRETARY
30.11.22
R. Kumaresan
Administrative Officer
30.11.22

TAMILNADU BIODIVERSITY BOARD		2nd Floor, TBGP Campus, Tambaram - Velachery Main Road Medavakkam, Chennai, Tamilnadu - 600 100	
BALANCE SHEET AS ON 31ST MAR 2022		Amount In Rs.	
Particulars	INR	INR	INR
1 EQUITY AND LIABILITIES			
1 Reserves and Surplus			
ACCOUNT OPENING FUND - 2009			1,000
GENERAL RESERVE			
Opening balance	1,26,85,197		
Add : Excess of Income over Expenditure	-12,02,633		
Less: Unspent amount Returned to NBA	4,67,547		1,10,15,017
GRANT IN AID - NATIONAL BIODIVERSITY AUTHORITY - BMC	72,00,000		
Less: Amount Spent for BMC	40,03,088		31,96,912
GRANT IN AID - NATIONAL BIODIVERSITY AUTHORITY - ABS	86,41,054		
ADD: Transferred From General Reserve	-		
Less: Amount Spent for ABS	80,14,794		6,26,260
2 GRANT IN AID - NATIONAL BIODIVERSITY AUTHORITY - Short videos			15,00,000
3 Non - Current Liabilities			-
Current Liabilities			-
TOTAL EQUITY AND LIABILITIES			1,63,39,189
1 ASSETS			
Non - Current Assets			
Fixed Assets			8,27,010
2 Current Assets			
Short Salary Deductions			1,30,630
Cash and Cash Equivalents			1,53,81,549
TOTAL ASSETS			1,63,39,189

Financials include Notes forming parts of accounts
Compiled from Information furnished

For **SLS ASSOCIATES**
Chartered Accountants
Firm Reg. No : 05951S

LAKSHMISUBRAMANIAN
PARTNER
Membership No. : 028927
ICAI-UDIN-22028927BELXTM2779
Place: Chennai
Date: 30 Nov 2022



For on Behalf of the Tamilnadu
Biodiversity Board

Dr Shekhar Kumar Niraj (IFS)
PCCF & MEMBER SECRETARY
R.Kumaresan
Administrative Officer

TAMILNADU BIODIVERSITY BOARD	
2nd Floor, TBGP Campus, Tambaram - Velachery Main Road Medavakkam, Chennai, Tamilnadu - 600 100	
Statement of Income and Expenditure for the year ended 31-Mar-2022	
Particulars	INR
I Income	
GRANT IN AID - NATIONAL BIODIVERSITY AUTHORITY - Salary & Non Salary <i>Govt</i>	25,65,479
Sub - Total (I)	25,65,479
II Other Income	
Interest on Savings Ac	6,57,484
Form - 1 Application Fees & ABS Amount	6,14,620
Sub - Total (II)	12,72,104
III TOTAL INCOME (I + II)	38,37,583
IV EXPENSES	
BOOKS AND PUBLISHING EXPENSES	4,760
BOARD MEETING EXPENSES	1,90,277
RENT AND MAINTENANCE	1,71,248
SALARIES AND WAGES - STAFF	34,38,012
SALARIES AND WAGES - OTHERS	2,24,665
ADMINISTRATIVE EXPENSES	7,79,993
DEPRECIATION	2,31,261
TOTAL EXPENSES	50,40,216
V Excess of Expenditure over income	-12,02,633

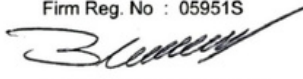
Financials include Notes forming parts of accounts
Compiled from Information furnished

For on Behalf of the Tamilnadu
Biodiversity Board

For **SLS ASSOCIATES**

Chartered Accountants

Firm Reg. No : 05951S



LAKSHMISUBRAMANIAN

PARTNER

Membership No. : 028927

ICAI-UDIN-22028927BELXTM2779

Place: CHENNAI

Date: 30 Nov 2022




Dr Shekhar Kumar Niraj (IFS)
PCCF & MEMBER SECRETARY


R. Kumaresan
Administrative Officer

As per Income Tax Act for FY 2021-22

Particulars	WDV as on 31/03/2021	Addition		Deletions	Total	Rate as per Income Tax Act	Depreciation	WDV as on 31/03/2022
		< 180 days	> 180 days					
Plant & Machiner	43,928				43,928	15%	6,589	37,339
Computer and Components	4,15,000				4,27,626	40%	1,66,000	2,61,626
Furniture and Fixture	5,86,717	12,626			5,86,717	10%	58,672	5,28,045
Total	10,45,645	12,626	-	-	10,58,271		2,31,261	8,27,010



[Signature]
 Associate Executive Director
 Tamil Nadu Biodiversity Board
 Chennai - 600 100.

[Signature]
 PCCF & Secretary
 Tamil Nadu Biodiversity Board
 Chennai-100

Secretaries of TNBB

The following is a list of officers and their tenure as Secretary of the Tamil Nadu Biodiversity Board during the period 2021-22:

S.No.	Name of the Officer and Designation	Date of Joining	Date of Leaving
1	Selvi. Mita Banerjee, IFS Additional Principal Chief Conservator of Forests and Secretary, TNBB	03.02.2021	18.08.2021
2	Thiru. Debasis Jana, IFS Additional Principal Chief Conservator of Forests and Secretary, TNBB	18.08.2021	18.03.2022
3	Dr. Shekhar Kumar Niraj, IFS Principal Chief Conservator of Forests and Secretary, TNBB	18.03.2022	-

Annual Report 2021-22

Published by

Tamil Nadu Biodiversity Board



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044-22782730


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