



DR. AMITHA BACHAN KH ECOLOGIST

Research Department of Botany
MES ASMABI COLLEGE

Western Ghats Hornbill
Foundation

Director, Centre for Ecology Taxonomy Climate Change
(CEtC) of Western Ghats Hornbill Foundation & Research
Department of Botany MES Asmabi College.

ABOUT ME

I am an ecological enthusiast with more than two decade of experience with flora, fauna, forests and indigenous communities of the Western Ghats. My interests are in Tropical Forest Ecosystem Dynamics, Ecorestoration, Indigenous people, Ethnography, River basin, Natural History, Right based conservation.

SKILLS

Writing	●●●●●
Ethnography	●●●●●
Education	●●●●●
GIS and Mapping	●●●●●
Ecological modeling	●●●●●
Forest Taxonomy	●●●●●

CONTACT

Assi. Prof & Research Guide
Research Department of Botany
CEtC, Hornbill Foundation
MES Asmabi College, P. Vemballur
Thrissur Dt. Kerala, india. -680671
+91-9497627870
amithabmes@gmail.com
<https://hornbillfoundation.org/team-detail/19>

EDUCATION

University of Calicut

2010 | PhD – Riparian Forest Flora and Ecology

Centre for Environment and Development

2013-2015 | Post Doc : Facilitating partnership for Community Forest Resource of Indigenous Communities in Kerala
Supported by CEPF

EXPERIENCE

2015- **Assistant Professor, Research Guide - Research Department of Botany MES Asmabi College**

- IUCN status Assessment of Threatened species
- Ethnoecology of Kadar and Malyar Indigenous community
- 10 years teaching Experience at Masters
- Guided 5PhD program, 1 completed
- Indigenous Language based multilingual pedagogy
- Forest Taxonomy and Ecology
- Ecorestoration of Coastal Ecosystems

2010-15 **Research Director - Western Ghats Hornbill Foundation**

- Indigenous Community involved ecological monitoring of Hornbills and forest resources
- Ecorestoration - Riparian forests and degraded ecosystems
- Climate change and Biodiversity Conservation
- Forest Right Act, Biodiversity Act 2002

Other

- Member to IUCN CCPBB International Core Group
- Member to IUCN Western Ghats Plant Specialist, IUCN Hornbill Specialist and CEM groups
- Member to committee on Habitat Rights of PVTG, Ministry of Tribal Affairs, Govt. of India.

AWARDS

Runner-up 'Paristhithi Mithra Award 2019' for environmental education and conservation by CEERD (2019)

Dr. Rolla S. Rau Award for Conservation by Indian association of Angiosperm Taxonomy IAAT & IAPT (2015)

Dr. Chandrasekharan memorial Award for Conservation Contributions in 2011 by Kerala Forest Research institute

PUBLICATIONS

BOOKS & BOOK CHAPTERS - 17

PAPERS - 35

RESEARCH REPORTS AS PI - 17

CONSULTANCY REPORTS - 5

POPULAR ARTICLES -36

DOCUMENTARIES - 4

MEMBERSHIP

IUCN GLOBAL ASSESSOR THREATENED STATUS OF ANGIOSPERMS

FOUNDER MEMBER WESTERN GHATS HORNBILL FOUNDATION <https://hornbillfoundation.org>
Mentor, GOAL mentor program for Indigenous community, MoTA and Facebook, GoI.

Member, State Environmental Board, KERALA SASTRA SAHITHYA PARISHATH (KSSP), Kerala.

CONSULTANT TO

SCHEDULED TRIBES DEPARTMENT, FOREST DEPARTMENT, STATE LANDUSE BOARD - GOVT OF KERALA

RESEARCH NODAL OFFICER
MES Research Council

PUBLICATIONS ON OUR WORKS

Shaji K.A. 2019. A community rallies around hornbill habitat to aid conservation. Mongabay. 12

<https://india.mongabay.com/2019/12/acommunity-rallies-around-hornbill-habitat-to-aidconservation/>

Suresh P. Thomas. (2015). Saving the hornbill. The fountain ink .

<https://fountainink.in/reportage/saving-thehornbill>
CEPF Documentary - Indigenous communities and Conservation

<https://vimeopro.com/iorapro/portfolio/video/135957548>

RELEVANT PUBLICATIONS

International Peer reviewed /UGC Care listed

Devika, M.A. and Amitha Bachan, K.H., 2023. Ecoregion level niche specific habitat prediction of threatened *Syzygium caryophyllatum* (Myrtaceae) for reintroduction and ecorestoration. Indian Journal of Forestry, 46(2), pp.78-86. <https://doi.org/10.54207/bsmps1000-2023-663H0X>

Devika M.A. and K.H. Amitha Bachan 2023. Niche model based conservation and ecorestoration area prediction of threatened *Prioria pinnata* (Fabaceae) and conservation implication on IUCN status, Acta Ecologica Sinica, Elsevier 43(6): 925-1148. <https://doi.org/10.1016/j.chnaes.2023.10.002>

Amitha Bachan, K.H. and Devika, M.A., 2022. Niche Profiling and Niche Modelling of Endangered *Cryptocarya anomala* Endemic to Western Ghats for Conservation and Restoration. In: DellaSala, D.A., Goldstein, M.I. (Eds.), Imperiled: The Encyclopedia of Conservation, vol. 1. Elsevier, pp. 751– 764. <https://dx.doi.org/10.1016/B978-0-12-821139-7.00225-7>.

Abhilash Thadathil and Amitha Bachan K.H. 2022. Another Wave of Forest and Adivasi Land Alienation? Revenue versus Forest Pattayam and Adivasi Land Question in Kerala. *Artha Vijnana*. Vol. LXIV, No. 1, pp. 75-87.

Walz Y., Chettri N., Adhikari B., Vasseur L, Amitha Bachan KH and Libert A. (2022). SDG 15 – Life on Land. In FEBA (Friends of Ecosystem-based Adaptation). (2022). Ecosystem-based Adaptation and the successful implementation and achievement of the Sustainable Development Goals. IUCN, Gland, Switzerland. 40 pp. <https://doi.org/10.5281/zenodo.6789086>

Tyrrell T, Hertz A. and Amitha Bachan KH. (2022). SDG 16 – Peace, Justice and Strong Institutions. In FEBA (Friends of Ecosystem-based Adaptation). (2022). Ecosystem-based Adaptation and the successful implementation and achievement of the Sustainable Development Goals. IUCN, Gland, Switzerland. 40 pp. <https://doi.org/10.5281/zenodo.6789086>

Amitha Bachan, K.H. and Devika, M. A. 2021. Unto Nature's wilderness until harmonise our understandings to restore healthy ecosystems. *Harnessing Nature - IUCN CEM*. 3(1). 57-59.

https://harnessingnature.online/wpcontent/uploads/2021/09/hn_vol_3_iss_1_red-2.pdf

Amitha Bachan K.H., Pooja Suresh and Devika M. A. 2021. Riparian Forest of Western Ghats, an endangered Ecosystem. Elsevier. <https://doi.org/10.1016/B978-0-12-821139-7.00207-5>

Devika, M.A. & Amitha Bachan, K.H. 2023. *Medinilla anamalaiana*. The IUCN Red List of Threatened Species 2023: e.T239579056A239579839. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/239579056/239579839>

Devika, M.A. & Amitha Bachan, K.H. 2023. *Syzygium pommodianum*. The IUCN Red List of Threatened Species 2023: e.T22292291A22292498. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/22292291/22292498>

Devika, M.A. & Amitha Bachan, K.H. 2023. *Syzygium sasiharanii*. The IUCN Red List of Threatened Species 2023: e.T22291660A22292347. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/22291660/22292347>

Devika, M.A. & Amitha Bachan, K.H. 2023. *Syzygium agastyamalayanum*. The IUCN Red List of Threatened Species 2023: e.T22291715A22292384. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/22291715/22292384>

Devika, M.A. & Amitha Bachan, K.H. 2023. *Prioria pinnata*. The IUCN Red List of Threatened Species 2023: e.T33647A201031235. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/33647/201031235>

Devika, M.A. & Amitha Bachan, K.H. 2023. *Syzygium rama-varmae*. The IUCN Red List of Threatened Species 2023: e.T175221A1419729. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/175221/1419729>

- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Madhuca balakrishnanii*. The IUCN Red List of Threatened Species 2023: e.T225970375A225970391. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/225970375/225970391>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Diospyros crumenata*. The IUCN Red List of Threatened Species 2023: e.T30864A2798277. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/30864/279827>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Syzygium occidentale*. The IUCN Red List of Threatened Species 2023: e.T31199A119040796. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/31199/119040796>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Ochna gamblei*. The IUCN Red List of Threatened Species 2023: e.T208974595A209009666. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/208974595/209009666>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Syzygium calophyllifolium*. The IUCN Red List of Threatened Species 2023: e.T210010463A210023247. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/210010463/210023247>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Ficus beddomei*. The IUCN Red List of Threatened Species 2023: e.T210013452A210023277. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/210013452/210023277>
- Amitha Bachan, K.H., Sasidharan, N. & Devika, M.A. 2023.** *Syzygium periyarensis*. The IUCN Red List of Threatened Species 2023: e.T201031081A201031398. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/201031081/201031398>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Syzygium parameswaranii*. The IUCN Red List of Threatened Species 2023: e.T38821A119040966. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/38821/119040966>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Cryptocarya lawsonii*. The IUCN Red List of Threatened Species 2023: e.T159104035A159444007. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/159104035/159444007>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Syzygium palghatense*. The IUCN Red List of Threatened Species 2023: e.T31200A149812631. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/31200/149812631>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Syzygium bourdillonii*. The IUCN Red List of Threatened Species 2023: e.T32866A149813923. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/32866/149813923>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Ficus costata*. The IUCN Red List of Threatened Species 2023: e.T210013545A210023282. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/210013545/210023282>
- Amitha Bachan, K.H. & Devika, M.A. 2023.** *Ficus dalhousiae*. The IUCN Red List of Threatened Species 2023: e.T210013949A210023287. Accessed on 17 December 2023. <https://www.iucnredlist.org/species/210013949/210023287>
- de Kok, R. & Amitha Bachan, K.H. 2021.** *Cryptocarya anomala*. The IUCN Red List of Threatened Species 2021: e.T38783A138508350. <https://dx.doi.org/10.2305/IUCN.UK.2021-3.RLTS.T38783A138508350.en>
- Nair, S. S., Amitha Bachan, K. H. A., Ebin, P. J., Augustine, L., & Joseph, A. (2021).** *Ficus virens* Aiton var. *matthewii* Chantaras: A new distributional record from Kerala. *Species*, 22(69), 21–28. www.discoveryjournals.org
- Nair, S. S., Amitha Bachan, K. H. A., & Ebin, P. J. (2021a).** Diversity and phenetic study on syconium of *Ficus* L. (Moraceae) from Kerala, India revealing natural classification along with an identification key. *Reinwardtia*, 20(1), 27–36. <https://doi.org/10.14203/REINWARDTIA.V20I1.4031>
- Amitha Bachan K.H. and Devika, M.A. 2020.** Impacts of Dams on Riparian Vegetation: A Case Study in Chalakkudy River, Western Ghats, India. *Journal of Aquatic Biology & Fisheries* 8(S): 7-13. <http://keralamarinelife.in/Journals/Vol8S/2-Bachan&Devika.pdf>
- Anitha, K.T. & Amitha Bachan, K.H. (2020)** Classification System for Streams and Watersheds in Rivers of Kerala for Effective Watershed and River Basin Management: A Case Study in Chalakkudy River. *Journal of Aquatic Biology & Fisheries*, 8. 14-18.
- Pooja, S., Sidhardh, A. S. K., & Amitha Bachan, K. H. (2020)** Biodiversity Significance of Low-Elevation Riparian Forests in Vazhachal: Conservation and Restoration Implications. *Journal of Aquatic Biology & Fisheries*, 8. 77-82.
- Verspagen, N., Erkens, R.H.J., Amitha Bachan, K.H. & Devika, M.A. 2022.** *Orophea uniflora*. The IUCN Red List of Threatened Species 2022: e.T31160A180786366. <https://dx.doi.org/10.2305/IUCN.UK.20221.RLTS.T31160A180786366.en>. ISSN 2307-8235.
- Verspagen, N., Erkens, R.H.J., Amitha Bachan, K.H. & Devika, M.A. 2022.** *Polyalthia malabarica*. The IUCN Red List of Threatened Species 2022: e.T31161A180812090. <https://dx.doi.org/10.2305/IUCN.UK.20221.RLTS.T31161A180812090.en>. ISSN 2307-8235.
- Verspagen, N., Erkens, R.H.J., Amitha Bachan, K.H. & Devika, M.A. 2022.** *Goniothalamus wightii*. The IUCN Red List of Threatened Species 2022: e.T179206765A179206767. <https://dx.doi.org/10.2305/IUCN.UK.20221.RLTS.T179206765A179206767.en>. ISSN 2307-8235.
- Verspagen, N., Erkens, R.H.J., Amitha Bachan, K.H. & Devika, M.A. 2022.** *Goniothalamus rhynchantherus*. The IUCN Red List of Threatened Species 2022: e.T32856A179204854. <https://dx.doi.org/10.2305/IUCN.UK.20221.RLTS.T32856A179204854.en>. ISSN 2307-8235.
- Verspagen, N., Erkens, R.H.J., Amitha Bachan, K.H. & Devika, M.A. 2022.** *Goniothalamus wynaadensis*. The IUCN Red List of Threatened Species 2022: e.T31158A179201448. <https://dx.doi.org/10.2305/IUCN.UK.20221.RLTS.T31158A179201448.en>. ISSN 2307-8235.
- Verspagen, N., Erkens, R.H.J., Amitha Bachan, K.H. & Devika, M.A. 2022.** *Meiogyne pannosa*. The IUCN Red List of Threatened Species 2022: e.T179067254A1790

67264.

<https://dx.doi.org/10.2305/IUCN.UK.20221.RLTS.T179067254A179067264.en>. ISSN 2307-8235.

Verspagen, N., Erkens, R.H.J., Amitha Bachan, K.H. & Devika, M.A. 2022. *Orophea erythrocarpa*. The IUCN Red List of Threatened Species 2022: <https://dx.doi.org/10.2305/IUCN.UK.20221.RLTS.T180787950A180787952.en>. ISSN 2307-8235.

Verspagen, N., Erkens, R.H.J., Amitha Bachan, K.H. & Devika, M.A. 2022. *Goniothalamus cardiopetalus*. The IUCN Red List of Threatened Species 2022:e.T179207182A179207187. <https://dx.doi.org/10.2305/IUCN.UK.20221.RLTS.T179207182A179207187.en>. ISSN 2307-8235.

Amitha Bachan, K. H. & Nair, S. S. (2020). Diversity and Status of Endemic and Threatened Angiosperm Flora of Coastal Ecosystems of The Central Kerala. *Meridian*, 9(1), 27–33.

Nair, S. S., & Amitha Bachan K. H. (2020). A Preliminary Assessment on the Diversity of Genus *Ficus* L. (Moraceae) in Kerala. In Current status and challenges for conservation and sustainable use of biodiversity. pp. 235–242.

Nair, S. S., & Amitha Bachan K. H. (2020). Phylogenetic study on the genus *Ficus* L. (Moraceae) in Kerala using ITS sequences as molecular marker. *Meridian*, 9(1), 34–37.

Amitha Bachan, K.H., Robi, A.J., Pradeep, A.K. and Udayan, P.S. (2018). Lectotypification of *Cryptocarya anamalayana* Gamble (Lauraceae) with a note on its fruits. *Bangladesh J. Plant Taxon* 25(1), 107–111. doi: <http://dx.doi.org/10.3329/bjpt.v25i1.37187>

Amitha Bachan K.H. and Maya M. (2017). Rethinking Institutional Frameworks in Conservation and Governance of Forests in the Background of FRA in Kerala: From Exclusion to Inclusion. *Artha Journal of Social Sciences*. Vol. 16, No. 2, 57- 73.

Amitha Bachan K.H and A. K. Pradeep (2017). *Osbeckia walkeri* Arn. (Melastomataceae): a new record from southern Western Ghats, India. *Int. J. Adv. Res.* Vol 5(7). 339-341

Sunil C.N., V.V. Naveen Kumar, K.H. Amitha Bachan & M.G. Sanilkumar (2015): *Anisochilus shoolamudianus* (Lamiaceae): a new species from Western Ghats (India), *Webbia: Journal of Plant Taxonomy and Geography*, DOI: 10.1080/00837792.2015.1053178.

<https://doi.org/10.1080/00837792.2015.1053178>

Amitha Bachan K.H., Swetha G & Maya Mohan 2015. Education and Ethnic Communities: Towards an Inclusive Framework. *Indian Education Review*. NCERT. Vol. 53 (2) 113-33, 2014.

http://www.ncert.nic.in/publication/journals/pdf_file/s/ierjuly2014.pdf

Amitha Bachan, K. H et al 2014. Understanding the Physiography, Bioclimate and Mapping of the Vegetation of the Chalakkudy River basin, Anamalai part of Southern Western Ghats, India. *Lifescience leaflets*. 58. 1-17.

<http://petsd.org/ojs/index.php/lifesciencesleaflets/article/view/752>

Amitha Bachan, K. H., Kannan R., Muraleedharan S. and Shenthil Kumar 2011. Participatory conservation and monitoring of Great hornbills and Malabar pied hornbills with the involvement of endemic Kadar tribe in the Anamalai hills of southern Western Ghats, India. *The Raffles Bulletin of Zoology*. 24: 37–43

James D. A., Amitha Bachan K.H. & R. Kannan 2011. Installation of artificial nest cavities for the endangered great hornbill: a pilot study in southern India *The Raffles Bulletin of Zoology*. 24: 73-76.

Amitha Bachan K.H. (2010). Riparian flora of the Chalakudy river basin and its ecological significance. Ph. D Thesis University of Calicut, Kerala, India. **Amitha Bachan K.H, 2006.** The Hornbill Haven. *Sanctuary Asia*. 25(6): 46-49.

<https://www.sanctuarynaturefoundation.org/article/hornbill-haven>

Books and Book Chapters

Devika M. A. and Amitha Bachan K.H. (2022) Addressing the Limitations of Niche Modelling for Species Distribution Prediction with Reference to the Western Ghats. In Anto P.V. et al. (Ed.). *Species the Passion 7*. Research and Post-Graduate Department of Botany St. Thomas College (Autonomous), Thrissur. ISBN 978-93-91691-01-1

Amitha Bachan K.H. et al. (2019). 'Vezhambal samrakshanathinate randu dashakangal'. (Two decades of Hornbill Conservation in Malayalam) The Niche Publications. ISBN- 978-93-5351-307-8.

Amitha Bachan K.H. (2018). The Historical Injustice to the Forest Dwelling Community Continued: The process, performance and major violations in the one decade of implementation of the Forest Rights Act 2006 in Kerala. Hornbill Foundation and Natural Justice. ISBN 9788192710568.

Amitha Bachan. K. H et al. (2019). Hornbill Monitoring to Ecological Monitoring – One and Half Decade of Indigenous community Based Conservation of Endangered Rainforest Species and Habitat in Western Ghats. In Joshy SC, Balakrishnan V, & Preetha N. (Ed.) *Biodiversity for Climate Resilience*. Kerala State Biodiversity Board. 35-40.

Amitha Bachan K.H. and Amruth M. (2017). FRA and CFR as new institutions for conservation and management of NTFP resources. In Pradeep Kumar S. et. al (Ed.) *Medicinal Plants benefit sharing development and conservation*. KSCSTE&KFRI. ISBN. 9788185041881. 168-178.

Amitha Bachan (2017). Kerala Chapter in CFRLA (Ed.) *Ten years of Forest Right Act In India. Citizens's Report on Promise and Performance of the Forest Right Act In India after 10 years of its Enactment*. Kerala Chapter. CFRLA. RRI.

Amitha Bachan K.H., Maya Mohan, M.P. Shajan, Tintu Kuryan & P.C. Resmi (2013). Forest Right Act 2006 and Community Forest Reserve (CFR) area management- A field guide. Western Ghats Hornbill Foundation and Centre for Environment and Development. ISBN. 9788192710563

Ravi S.P., C.G. Madhusoodhanan, A. Latha, S. Unnikrishnan & K.H. Amitha Bachan. (2004). *Tragedy of Commons – The Kerala Experience in River Linking*. River Research Centre & South Asia Network on Dams Rivers & People. RRC, Thrissur, Kerala, India.

Shajan, M.P., C. G. Madhusoodhanan & K.H. Amitha Bachan, (2008). Morathodu Irrigation Scheme in the Chalakudy River Basin : A Dream Turns into a Nightmare. In : Joy K.J., Biksham Gujja, SuhasParanjape, VinodGoud & ShrutiVispute (Ed.) *Water Conflicts In India – A Million Revolts in the Making*. Routleg pub. New Delhi. 251-256.

Amitha Bachan K.H (2005). Riparian Vegetation Along Chalakudy River. In Nair K.N. & S. Chattopadhyay (ed.) *Water Resources of Kerala – Issues and Case Studies*. KRPLLD, Centre for Developmental Studies, Thiruvananthapuram. 8386.

Books for Kids

Amitha Bachan K.H. (2018). *The Kid and the Hornbill*. Kerala State Institute for Children Literature. ISBN-978- 81-8494-479-2

- Amitha Bachan K.H. (2018). "Vezhambalum Thellivithum" (Hornbill and the dammar seed). Kerala State Institute for Children Literature. ISBN-978-93-87136-60-1.
- Amitha Bachan K.H and Neha K.A. (2018). "Aanakkuttiyum Kattuplavum" (The elephant calf and the wild jack tree) Kerala State Institute for Children Literature. ISBN-978-93-87136-61-8.
- Amitha Bachan K.H. et al.** (2012). My Home :- A thematic book for preprimary education based on language and knowledge of Kadar Primitive tribe. CEPF-ATREESG 2011, Western Ghats Hornbill Foundation, CED Thiruvananthapuram & ICDS.
- Amitha Bachan K.H., et al.** (2012). Forest my Land :- A thematic book for preprimary education based on language and knowledge of Kadar Primitive tribe. CEPF-ATREESG 2011, Western Ghats Hornbill Foundation, CED Thiruvananthapuram & ICDS.
- Amitha Bachan K.H. et al.** (2012). Learn from our surroundings :- A nature workbook for preprimary education based on language and knowledge of Kadar Primitive tribe. CEPF- ATREESG 2011, Western Ghats Hornbill Foundation, CED Thiruvananthapuram & ICDS.
- Consultancy and Research reports Amitha Bachan K.H. and Devika M.** Anilkumar. 2021. A strategic plan for the conservation, monitoring and ecorestoration of coastal ecosystems and its biodiversity within the SN Puram grama panchayath, Kerala. BMC, SN Puram Grama Panchayath.
- Amitha Bachan and Devika M. A.** (2021). GIS based GAP analysis for the biodiversity conservation and management in the plantations in the Munnar Landscape Unit Western Ghats. For Indian Institute of Plantation Management.
- Amitha Bachan and Devika M. A.** 2021. Participatory resource mapping of Bamboo in selected areas of Athirappilly Grama Panchayat. for HRML UNDP-Uravu project.
- Amitha Bachan, K.H., Pooja Suresh., Gouthami, V., Sreehari, S. Nair., Anitha, K. T., Sidharth, A S Kumar. and Devika M. Anilkumar.** (2019). Ecological Monitoring, Natural Forest Enumeration and Riparian Ecorestoration supporting working plan preparation of Vazhachal Forest Division. Project Report. Pp 374.
- Amitha Bachan K.H., M.P Shajan, Anitha KT, Devika M. Anilkumar, Sreehari S Nair, Sidhardj AS Kumar** 2020. Watershed based ecorestoration of Panachakunnu, Puthenvelikara Grama Panchayat, Ernakulam District. Holistic rural development program, MS Swaminadhan Research Foundation. Pp 50.
- Amitha Bachan K.H.** (2019). Assessment of Impact of Flood, Landslide on biodiversity and Developing methodologies for long-term monitoring and evaluation of changes in the ecosystem and biodiversity. Kerala State Biodiversity Board. http://www.keralabiodiversity.org/images/2019/November/Flood_Report/Amithab_KSBB_Final_opt.pdf
- Amitha Bachan K.H.** (2016). Documentation and assessment of diversity and status (IUCN) of threatened Angiosperms flora of coastal ecosystems of the central Kerala. UGC Minor Research Project.
- Nizammudeen.A., T. Usha, Bindu.V, and Amitha Bachan K.H.** (2016). Linkages between terrain and biodiversity in Kurumali river basin phase-II southern flank. pilot project report on ecorestoration plan. Kerala State Land Use Board. Pp157
- Nizammudeen.A., T. Usha, Bindu.V, and Amitha Bachan K.H.** (2015). Linkages between terrain and biodiversity in Kurumali river basin phase-I pilot project report on ecorestoration plan. Kerala State Land Use Board. pp193
- Nizammudeen.A, Rukmani. R, Amitha Bachan K.H.** (2014). Field guide to the plants in Mangalam River Basin .Kerala State Land Use Board.pp107.
- Amitha Bachan K.H., Maya Mohan and T.R. Vinod.** (2015). Facilitating partnerships for community forest resource areas (CFRs) under FRA 2006 in the southern Western Ghats. Centre for Environment and Development (CED), Thiruvananthapuram and Western Ghats Hornbill Foundation (WGHF).. CEPFATREE, Western Ghats Small Grants.
- Amitha Bachan K.H., Babau Ambat. T.R. Vinod & Maya Mohan** (2014). Produce local-language materials on biodiversity conservation using results of ongoing and completed CEPF projects and other research outputs to disseminate among local ethnic communities, Forest Departments and other key stakeholders in the Anamalai part of Western Ghats. Final Research Report Submitted to CEPFATREE Western Ghats Small Grants Programme 2011.
- Amitha Bachan K.H. & Anitha K.T.** (2013). Involving local ethnic communities in Ecological Monitoring : monitoring key biodiversity information and important forest resources they depend on in Anamalai part of Western Ghats, India. Research Report, CEPF-ATREE Western Ghats Small Grants 2011. Hornbill Foundation.
- Amitha Bachan K.H.** (2012). Ecological Monitoring involving Kadar communities of Vazhachal forest division. Final report Submitted to WWF India. **Amitha Bachan K.H.** (2010). Community Based Conservation of Great Hornbill (*Buceros bicornis*) and Malabar Pied Hornbills (*Anthracoseros coronatus*) and their Habitats of the Anamalai Part in the Anamalai part of Western Ghats empowering the endemic 'Kadar' tribe. Final Research Report Submitted to CEPF-ATREE Western Ghats Small Grants Programme 2009.
- Amitha Bachan K.H.** (2009). Conservation of the Great Hornbill (*Buceros bicornis*) in the Western Ghats of Southern India: Management of nest cavities. Final Research Report Submitted to Dept. of Biological Science, University of Arkansas, USA.
- Amitha Bachan K.H., Sheik Hyder Hussain S. and A. Renjan** (2009). Participatory Conservation and Monitoring of Great Hornbill and Malabar Pied Hornbill Habitat of the Vazhachal Forest Division, Southern western Ghats, Kerala. Comprehensive report 2005-2009. Kerala Forest Department.
- Amitha Bachan K.H., Sabeena C.S., Anitha K.T. & K.M. Divya.** 2008. Mapping, classification and assessment of status of major streams of the forested catchments of the Chalakkudy river basin. Final Research Report. RRC & Mythri Palakkad, Submitted to Water Kerala Network.
- Amitha Bachan K.H.** 2006. Impact of river valley projects on the endemic Kadar tribes of Chalakkudy river basin. Final Research Report. Submitted to River Research Centre, Thrissur and International Rivers Network
- Nagesh Prabhu IFS, S. Muraleedharan and Amitha Bachan K.H.** (2005). Protection of Fragile ecosystems supporting Great Indian Hornbill. Research Report Submitted to Kerala Forest Department.
- Amitha Bachan, K.H.** (2003). Riparian vegetation along the middle and lower zones of the Chalakkudy river, Kerala, India. Final Research Report 26/2000. KRPLLD, CDS, Thiruvananthapuram. <http://www.cds.ac.in/krpcds/report/amita.pdf>
- Anitha Sharma & Amitha Bachan K.H.** 2002. People's perception on biodiversity of Lakshadweep supporting Biodiversity Strategy and Action Plan for UT of Lakshadweep. INTACH, Thiruvannanthapuram, Submitted to Forest & Wildlife – MoEF, UT of Lakshadweep.