

Report on
Training workshop: Assessing the availability of tree seed sources for forest and landscape restoration
Coimbatore, India, 28 November to 2 December 2022

The training intended to equip forestry experts in Asian countries to conduct spatial analyses on the availability of tree seed sources for native tree species. The training workshop was organised as part of the regional project “Strengthening collaborative tree seed supply systems for restoration in Asia” (2022-2024), led by the Alliance of Bioversity International and CIAT and funded by the UK Darwin Initiative and the OneCGIAR Initiative on Nature-positive Solutions. The training was hosted by the Institute of Forest Genetics and Tree Breeding (IFGTB).

Sixteen participants from Indonesia, Philippines, Bangladesh, and Laos PDR attended the workshop. A formal opening ceremony was organized on 28 November 2022. The Director General of the Indian Council of Forestry Research and Education, Shri Arun Singh Rawat, IFS, graced the ceremony.

The key focus of the training was to Model the potential distribution (habitat suitability) of tree species by tuning MaxEnt models and Identify gaps in the availability of seed sources by overlaying species distributions, seed zone maps and locations of existing seed sources.

The ENVIS Centre at the Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore, launched an interactive, real-time mobile application called ‘Forest Seed Science and Technology’ on the sidelines of the training workshop.





A field trip to Silent Valley National Park was arranged as part of the training Workshop. The last day focused on reviewing and planning activities of the project. The participants also visited the Institute of Forest Genetics and Tree Breeding and interacted with scientists.

