



A Brief of Dr. C. Buvaneswaran

1. Name : Dr. C. Buvaneswaran Ph. D. (Forestry)

2. Designation: Scientist-F

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5. Academic Carrier

Certificate/ Degree	Board/University	Year of Completion
B.Sc.(Forestry)	Tamil Nadu Agricultural University, Coimbatore	1993
M. Sc.(Forestry)	Tamil Nadu Agricultural University, Coimbatore	1995
Ph. D. (Forestry)	FRI Deemed University, Dehra Dun	2004

- Recipient of Dr.S.Krishnamoorthy's Medal for the best student in M. Sc. (Forestry)

6. Professional Experiences:

- Evaluated “Ecological impact of coastal afforestation” in Pondicherry with postgraduate fellowship sponsored by Auroville Green Work Resource center.
- Carried out productivity and nutrient cycling studies under teak plantations in Tamil Nadu.
- Consultant in Environmental Impact Assessment studies for various mining projects.
- **As Ph.D. Guide:** Three scholars got Ph.D awarded under my guidance and currently guiding 3 more Ph.D scholars as Supervisor
- Underwent three months training programme on Agroforestry in University of Florida, USA.

- **Currently working on**

- Assessing carbon sequestration potential of trees in plantation and agroforestry systems
- Research on tropical tree species response to elevated CO₂ and temperature
- Developing clones/tree varieties for Windbreak Agroforestry Systems
- Increasing Fodder Productivity in Traditional Kornagadu Silviculture system

7. Significant Achievements:

- **Developed five tree varieties in Casuarina for Windbreaks for protecting Banana crops from wind damages.**
- **Developed a farmer-friendly software for assessing wood yield in Casuarina plantations**

8. Publications:

Research Papers: 40; Books published: 3; Book chapters: 10; General articles: 10: