

PROJECT PROFILE

Title: Development of a genome editing platform for functional characterization of genes

Principal Investigator: Dr. Mathish Nambiar-Veetil, Scientist- F

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Start and Completion dates: 3 Years (2019-2022)

Objectives:

1. To analyze sequence variations in the *EcHKT1:1* gene in salt tolerant and susceptible *Eucalyptus* clones.
2. To develop a genome engineering platform in *Eucalyptus* and *Casuarina* for rapid functional analysis of genes involved in salt tolerance

Funding Agency: NFRP- National Forestry Research Project

Total Budget: Rs. 29.29 Lakhs