

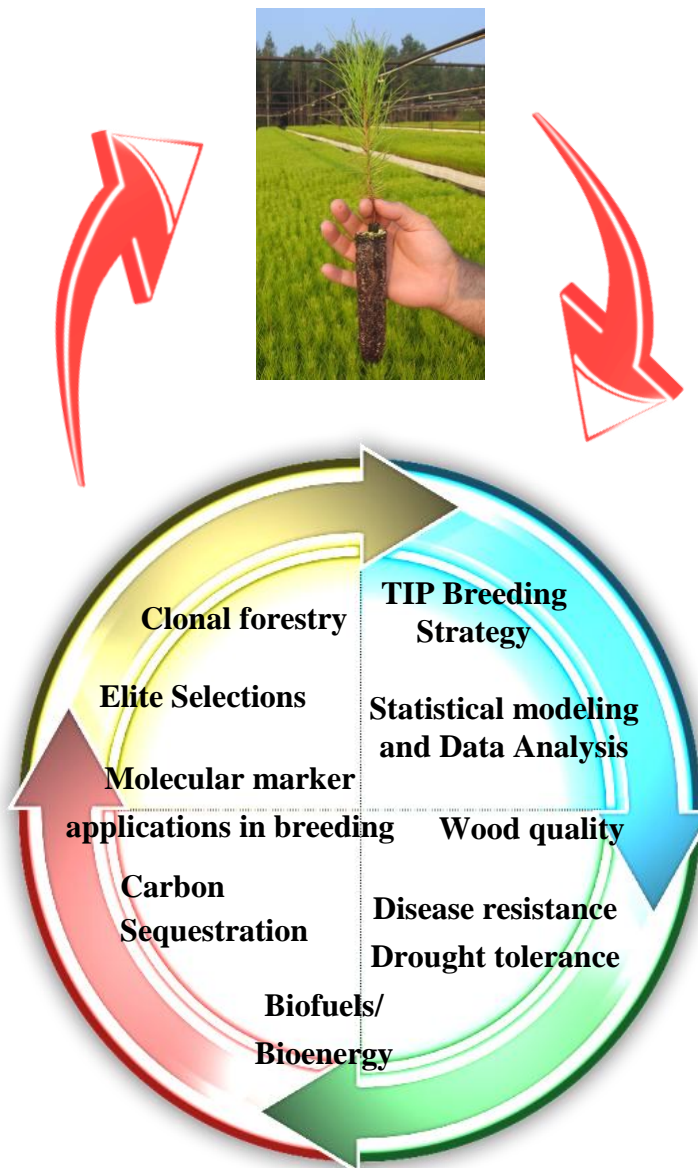
The NCSU Cooperative Tree Improvement Program aims to increase value to landowners and citizens through continuous genetic improvement of forest trees.

The NC State University Cooperative Tree Improvement Program began in 1956 to traditionally breed and improve southern pines. From the beginning, research has been an integral component and today's technologies provide new tools to supplement traditional breeding methods. Our efforts are now focused on using these new tools to advance breeding objectives.



There are research programs in molecular biology of forest trees and dozens of applied tree breeding programs. The NCSUCTIP is unique in the level of effort focused on integrating these disciplines to bring the most advanced technologies of biological and chemical research into application in tree improvement programs. Through the Research Associate Membership program, we offer organizations the opportunity to participate in and contribute to our research efforts.

Cooperative Research Process



Improved Deliverables:

- Biofuels
- Molecular applications
- Pulp wood
- Elite Sawtimber/ lumber



Research Associate Benefits

- Support and participate in the research and technology transfer activities
- Request research and technical assistance from faculty and staff
- Contribute to setting research priorities
- Attend NCSUCTIP meetings, relevant workshops, and short courses
- Access members-only section of the NCSUCTIP website
- Funds go directly to supporting research projects and graduate assistantships

Research Associate Member
To support cooperative research:
 Minimum contribution- \$5,000 annually

Research Associate Membership

The Research Associate membership level is designed for organizations that are interested in contributing to improved forestry and want to support advanced forest research. Research Associate Members' financial contributions will support cooperative forest research objectives and associated graduate assistantships.



Cooperative Achievements

- Over 500 scientific articles published in peer-reviewed journals, plus many more presentations at scientific conferences and at the twice-yearly meetings for NCSUCTIP member organizations
- Over 200 trained professionals (M.S. and Ph.D.) graduated from NCSU with experience in pine genetics and breeding through NCSUCTIP
- \$170,000,000+ invested by NCSUCTIP members in genetic improvement of loblolly pine

For more membership info contact:

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Visit our website for more information

www.treeimprovement.org

