



Research associate profile: Prof Fikret Isik

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Research associate profile

Prof Fikret Isik provides support to the ICFR on complex genetics data analysis and molecular breeding, and he contributes to collaborative outputs including scientific papers.

Prof Isik is a Quantitative Geneticist at North Carolina State University, Department of Forestry and Environmental Resources. He serves as the co-director of the Co-operative Tree Improvement Program and is the President of the North America Forest Genetics Society. He has more than 25 years of experience in genetic data analysis for breeding and forest tree breeding strategies. He is the co-author of 86 manuscripts, three book chapters, and the textbook 'Genetic Data Analysis for Plant and Animal Breeding'. Prof Isik's research focuses on developing genotyping platforms for forest trees, genomic selection, molecular tree breeding strategies, and plant-biotic interactions, specifically the genetic basis of fungal disease resistance in forestry trees.

Research Profile: <https://faculty.cnr.ncsu.edu/fikretisik/>