



Anis Zouagui – Post Graduate Student



Biography

Anis Zouagui holds a diploma in forest engineering specializing in geomatics applied to natural resources and a doctorate in water and soil conservation management. He is currently a master's student in forest science at the School of Forestry - UMCE. Anis has professional experience in applied research, in particular, the application of geomatics technologies (GIS, remote sensing, spatial statistics) to soil and water conservation studies in watersheds.

Anis's work at NHRI?

Anis' work is focused on developing a model for predicting the production potential of tolerant hardwoods. This tool will identify and classify sites based on their potential to produce high quality tolerant hardwoods. And thereafter, to support silvicultural methods that encourage the sustainable yield of the desired species and products.



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Key Responsibilities

- Application of geomatics (GIS, remote sensing) to the modeling of the productivity of deciduous and mixed forests;
- Characterization of the resource and cartographic modeling;
- Multi-criteria spatial analysis and identification of sites with high potential for tolerant hardwood production.

Expertise

- Research in remote sensing and geomatics applied to forestry;
- Spatial and statistical analysis of spatial reference data;
- Production of detailed information on the forest by remote sensing, GIS, Lidar;
- Integration of multi-source information in decision support systems.

