

MS Thesis
Department of Environmental Science and Policy
College of Science
George Mason University

Candidate: Eleanor King

Defense Date and Time: May 3rd, 2:00 pm

Defense Location: Zoom (please email espgrad@gmu.edu for Zoom info)

Title: Global Reforestation Assessment: A Case Study of Reforestation and Species Survival in a Southeastern Madagascar Community

Thesis Director: Dr. David Luther

Committee: Dr. Karen Akerlof, Dr. Luke Dollar

ABSTRACT

Madagascar is home to many endemic species, yet is also at high risk of deforestation.

Reforestation efforts often face many difficulties, which leads to a need for monitoring and

assessments of success of such efforts. My thesis summarizes information from known

reforestation projects in Madagascar and focuses on species data from seven reforestation sites

in Ranomafana, Madagascar to analyze which tree species have grown the most and been most

successful in reforestation efforts. The results fill a vital assessment role for reforestation

efforts' effectiveness around Ranomafana and provide valuable insights for reforestation

efforts in other parts of Madagascar.