



Invasive alien species invading our health in Kenya

Tasneem Osman¹, Eric Fèvre², Christian Borgemeister¹

¹University of Bonn, Center for Development Research (ZEF), Germany

²University of Liverpool, Inst. of Infection, Veterin. and Ecological Sci., United Kingdom



Sampling



1. Introduction

Movement of people and goods around the world, and with new trade routes opening and enhanced transportation, the number of species being introduced into new areas is rising. The spread of invasive plant species is currently a major problem in Kenya. Where they replacement of indigenous flora. In this study, we will investigate arboviral mosquito vectors, their interactions with plants, and how these interactions affect the virus evolution and transmissibility. The aim of the proposed research is to determine the abundance and diversity of mosquito vectors at sites with different degrees of invasive plant infestations in Rift valley area.

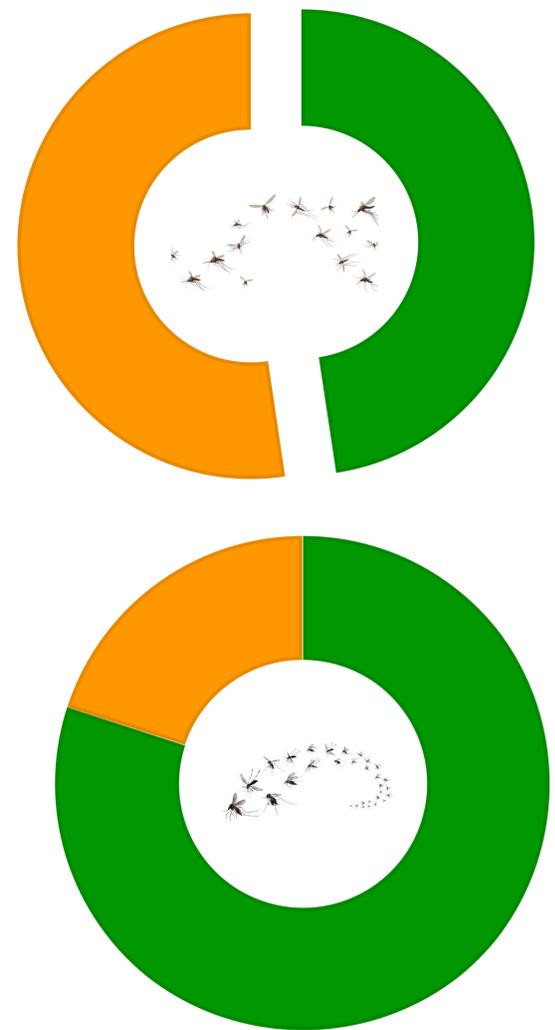
2. materials and methods

A total of 50.000 mosquitoes were captured using a combination of different trapping techniques from six sites .48 species were identified.

4. Conclusion

By the end of this project, expected to have an inventory of the mosquito population composition and of the abundance and richness of arboviruses. Further gain insight into how changes in community ecology interact with the main types of land-use change and influence the dynamics of relevant arboviruses in Rift valley area .

3. Results



Good communication will often bring suggestions that improve your research.

