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Presentation Details

Presentation ID	4931
Title	Komodo Dragon territorial routes.
Type	Individual Presentation
Format	Poster
Length	20 minutes
IRB	NA
Department or Program	Biosciences Department
Advisor(s)	Christopher Merkord
Advisor(s) Email	christopher.merkord@mnstate.edu
Special Requests	

Abstract	Due to my love of endangered species I've decided to construct a study of the territorial routes and tagging of one of the most iconic Giant lizards on Planet Earth, The Komodo Dragon. Data on this includes daily movement, Exploration, and Dispersal Mark and Recapture data, all with the same goal of deciphering the cause of reduced movement in Island Komodos. My question of this being is human interference, climate change, habitat loss, or all of the above the cause of this. The data mentioned before came from a similar journal article titled, Exploring mechanisms and origins of reduced dispersal in island Komodo dragons, Although, I will be mainly using the Dispersal Mark and Recapture Data. With the use of exploratory data analysis, I will compare the Habitat Quality, Body condition, Prey bio, and Density all by the age of the Komodo Dragon to see if the aforementioned, possible causes influenced the Dragons at any point in their lives, Whether the effects are positive or negative. My Null hypothesis for this study is that the Komodo Dragons are not affected by human interference, and the Alternative is that Human interference and habitat loss is indeed the cause of Minimized dispersal in Island Komodo Dragons.
Submission Date	2/26/2021 1:04:49 PM

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