

## Movement Ecology and Conservation Strategies for the Threatened Giant Anteater in the Brazilian Savanna

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### BIO

**Ana Meiga** is a Brazilian biologist with a master's degree in Biodiversity and Conservation from São Carlos Federal University, Brazil. She is a PhD candidate in Interdisciplinary Ecology from the School of Natural Resources and Environment, supervised by Dr. Denis Valle. Ana is also part of the Tropical Conservation and Development Program, and her PhD research is a collaborative work developed in partnership with the NGO Wild Animal Conservation Institute (ICAS). Ana's research investigates the intricate relationships between animal movement patterns, wildlife behavior, and conservation efforts in a changing world.

### SUMMARY

Human-driven land use changes significantly contribute to biodiversity loss in terrestrial environments, due to fragmentation and degradation of natural ecosystems. The impact on biodiversity ultimately depends on a species' capacity to adapt to these altered conditions. Animal movement is a key behavior that allows animals to make these adjustments and is crucial in changing landscapes. Shifts in movement and behavior can negatively impact survival and reproduction, making it essential to understand how species interact with their habitats, particularly in areas experiencing rapid human-driven transformations. Building on this, Ana will share insights from her PhD research on the movement ecology and conservation of giant anteaters in the Brazilian Savanna.



**Tuesday - November 18, 2025**

**12:45 - 1:45 pm**



**Grinter Hall 376 or  
[Zoom link](#)**

Tropilunch is a seminar run by graduate students from the Tropical Conservation and Development (TCD) Program. It provides a forum for a range of discussions and presentations related to TCD work and research. Special guests, visiting scholars, and practitioners also participate. It happens weekly around lunchtime.



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