



Dr. Jared Stabach

***Smithsonian's Movement of Life Initiative –  
Movement, Resource Selection, & the Occurrence  
of Threatened & Endangered Species***

Movement is a fundamental life process, essential to sustaining biodiversity and a useful proxy to evaluate ecosystem health. This talk will provide a brief overview of Smithsonian's Movement of Life Initiative, which endeavors to increase our collective understanding of how all living things move and are responding to rapid natural and anthropogenic change. The presentation will highlight case study examples, from the reintroduction of scimitar-horned oryx to habitat analyses of white-bearded wildebeest, that showcase Smithsonian projects to incorporate GPS tracking or field survey data to achieve applied conservation solutions. Jared is an Ecologist at the Smithsonian Conservation Biology Institute's Conservation Ecology Center (CEC) and the Program Coordinator for the Smithsonian's Movement of Life Initiative. His research focuses on the factors that affect the abundance, distribution, and movement patterns of large terrestrial mammals, incorporating emerging technologies, such as unmanned aerial systems, GPS tracking collars, and high resolution imagery, to better understand and monitor changes occurring across our planet.

## **Environmental Science and Policy Seminar Series**

**Thursday, February 13, 2020**

**3 to 4 p.m.**

**in Exploratory 3301**

***COMPLIMENTARY PIZZA AND DRINKS WILL BE SERVED***