



**EEB 401: HOW ECOLOGY CAN AID IN THE ENVIRONMENTAL CHALLENGES OF AFRICA?**

Meeting time: Tuesday 4-7pm

Classroom: 1628 CHEM

Professor Nyeema Harris (nyeema@umich.edu)

The distribution of natural capital is not evenly distributed across the globe, nor are the threats to its persistence. As a result, we recognize that the decisions African countries make now concerning development and conservation will have global consequences.

Throughout the semester, we will focus on four environment issues pertinent to the African continent: climate change, illegal wildlife trade, energy, and protected area management.

In this course, we will identify critical information gaps from ecology as well as highlight opportunities for integration of important ecological principles to contribute to solutions. We will read primary literature as well as use Aichi targets, Ramsar convention, Belmont Forum, and Sustainable development goals to frame our discussions. Students will have the opportunity to engage in a monthly Q&A session with experts working on the continent, enhance communication and persuasive skills through oral presentations, and encourage collaboration through a group writing project.