

Description for ICCB Training Course 12

Introduction to Passive Acoustic Monitoring as a Tool for Conservation Biologists – Theory and Practice

A Hands-on Acoustic Monitoring Course in Beautiful Musanze at the new Dian Fossey Gorilla Fund Ellen DeGeneres Campus!

Three-Day Course: Depart Kigali on Thursday afternoon 20 July and return on Sunday 23 July in time for the ICCB Opening Ceremony.

ID 12

Attendance: This course seeks a balance of delegate types and is capped at five professionals and three students from developed countries with the remainder of the delegates from the Africa region and developing country attendees (students and professionals)

Details: Delegates will share a ride from Kigali to Musanze and back via a coaster bus. Transportation, food and accommodation (shared mens and womens dorms) are inclusive with your registration fees. Additional details will be provided to course participants after course registration closes.

Passive acoustic monitoring (PAM) is a tool that has gained broad recognition in recent years as an efficient and effective method for estimating anthropogenic activities within protected areas (e.g. hunting, logging), wildlife surveys of rare but vocal species (e.g. birds, amphibians), and rapid biodiversity surveys via the assessment of soundscape (acoustic indices). This training course is designed for students, researchers, and managers with no or limited prior PAM experience wishing to better understand the strengths and limitations of PAM as well as learning basic acoustic data collection and analysis techniques. Specifically, via a mixture of lectures and hands-on and computer lab practicals, participants will learn about common PAM uses in wildlife conservation, selecting sensors suitable for your project's needs, how to design, deploy and maintain acoustic grids, and basic acoustic data analysis techniques using popular software for gunshot/wildlife detection and soundscape analysis (Raven Pro/Kaleidoscope Pro). By the end of the course, you should be able to decide how PAM can be incorporated in your work, as well as feel confident to do so. Participants should have at a minimum basic computer skills (e.g. WinOS navigation), a laptop, and a pair of headphones.

Cost:

Developed country professionals 120 USD
Developed country students 40 USD
Developing country professionals 20 USD
Developing country students 5 USD



Training Course 12 will take place at the [Ellen DeGeneres Campus](#) at the [Dian Fossey Gorilla Fund](#) in Musanze, approximately 2.5 hours from Kigali. Attendees will spend three nights at the campus in shared dorm rooms (men and women separate). You'll explore the beautiful campus in the foothills of the Volcanoes National Park and the Virunga Mountain Chain. Attendees will have access to the cafeteria where food is provided (inclusive with your registration).