



Training Workshop Biodiversity Informatics

Dates
[16 – 26 July 2018]

Host

College of African Wildlife Management, Mweka

Project Coordinator,
Bee-Pollinator Monitoring Project, Tanzania
P.O. Box 3031 Moshi, Tanzania
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Overview of the Training Workshop

The College of African Wildlife Management, Mweka is planning to host a 10-day intensive training workshop on Biodiversity Informatics. This particular training is advanced training that was preceded by training on bee ecology, taxonomy, study design and monitoring protocols. The training targets College faculty and personnel from academic, research, conservation and agricultural institutions in Tanzania. The workshop is part of the project titled **“Bee-Pollinator Monitoring Project, Tanzania”** that is supported by JRS Biodiversity Foundation, USA.

Training Workshop

The training will strengthen the capacity of the College of African Wildlife Management, (CAWM), Mweka and other academic, research, conservation institutions on Biodiversity informatics for bee pollinators in Tanzania. This training will include practical sessions to instill hands-on knowledge on the main theme of the project. Specifically the training seeks to achieve the following objectives:

- To develop an understanding on general concepts underpinning biodiversity informatics;
- To build the capacity of participants on basic GIS and the inventory completeness protocols; and
- To build capacity on bee pollinator bio-data standards, handling and sharing for use.

Training Topics

- Introduction to Bioinformatics
- Basic GIS
- Data quality checking/ Cleaning options
- Inventory Completeness
- Bio-data management (SPECIFY database)

Training Approach

The training will consist of a series of lectures, discussions and extensive hands-on practical sessions which will be mainly facilitated by seasoned expert in the field, Prof. Townsend Peterson from Biodiversity Institute, University of Kansas USA.

Targeted Participants

The training is primarily targeted to project team members, biodiversity lab technicians, researchers, students and staff from Mweka and collaborating academic, research, conservation and agricultural institutions in Tanzania. Places are limited to 20 participants only.

Prerequisites for Training Participants

- Basic understanding on bee ecology, taxonomy and study design and monitoring protocols.
- A solid background in ecology or biology
- Experience in bee-pollinator research will be an added advantage
- English language proficiency (both speaking and listening) and;
- Basic computer skills and familiarity with Windows or Mac OSX operating

Training Costs

The training costs are funded by JRS, however, selected candidates will be required to cater for their travel expenses. Although there are few sponsorship positions, applicants able to secure their own funding to meet full or part of the course costs are also highly encouraged to apply.

Application for the training

To apply for this training please submit one PDF file document with your CV (max. three pages) and a motivational letter (max. 500 words) The motivational letter should include among others:1) your current research work; 2) previous relevant training or experience and 3) how you think attendance to this training will support your work and career development. Please email your application at pollinators_p@mwekawildlife.ac.tz

Note: For further information please contact Dr. Emmanuel Martin at +255717528398 (emartin@mwekawildlife.ac.tz) OR Dr. Oliver Nyakunga at +255625375080 (onyakunga@mwekawildlife.ac.tz)

Application Timeline and Process

Applications should be submitted by 30th of June 2018. Late and incomplete applications will not be considered. Communication to successful applicants will be made by 3rd July 2018.