

# Working together to develop biodiversity research and monitoring related capacities in the DR Congo

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**2010**  
Expedition along the Congo (1000 km).

35 Congolese researchers and 32 expat scientists from eight countries.



The tropical forests in the DR Congo account for approximately 50% of the rainforests on the African continent.

The Congo River represents 25 % of the renewable water in Africa.

The Congolese government has recently solicited external support to rebuild its capacities to ensure that the tropical forests and their biodiversity will be exploited in a sustainable way.



**2014**  
Inauguration of the "Centre de Surveillance de la Biodiversité" at the University of Kisangani, Tshopo province, DR Congo

## Objectives

**Mapping biodiversity** in the Congo Basin  
Study of the role of the Congo Basin in global CO2 balance  
**Making new navigable maps for the Congo river**  
Study of **local vocabulary** concerning biodiversity and use of natural resources  
Development of **local expertise** through cooperation with local scientists  
Development of **joint projects** for Belgians and Congolese researchers  
Making **specimen collections** for the new biodiversity centre in Kisangani (CSB)



## Missions of the CSB

**Facilitate and attract projects** on biodiversity in the Congo Basin;  
**Expand partnerships** (DRC / international) that will benefit CBS and DR Congo;  
Capitalize gains resulting from these activities : **collections, joint publications**

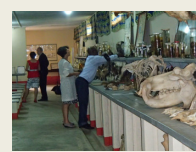


## A research Institute

2300 m<sup>2</sup>  
Collection rooms  
Warehouses  
Library  
Equipped laboratories  
Offices  
Meeting rooms  
Server room

**Staff**  
52 scientists & technicians

## A zoological museum



## CEBioS institutional collaboration Centre de Surveillance de la Biodiversité (CSB) Study and monitoring of regional lowland forests

### Past activities

**Individual scientific capacity building**  
though research stays of up to 3 months in Belgian institutions since 2008  
**Financial support for specific individual needs in relation to the research projects** (local expenses, field work, small equipment).

### Ongoing activities

**Institutional capacity building:**  
research strategy, annual reports, quality of research  
**Biodiversity and socio-economic monitoring**  
for the sustainable exploitation of natural resources in regional unprotected biodiversity hotspots.  
**Scientific support to regional and national policymakers**  
Clearing House Mechanism (CHM) of the CBD in DRC  
Implementation of the Nagoya Protocol in DRC  
**Dissemination of biodiversity information** through 2<sup>nd</sup> International Conference on Biodiversity in the Congo basin (Kisangani 2021)

### Alumni

**Guy Crispin Gembu Tungaluna, PhD**  
Peuplement et dynamique alimentaire des Chiropatères frugivores (Mammalia) de la Réserve Forestière de Yoko (Province Orientale, RD Congo), 2012  
Promoteur : Dudu Akaibe (Unikis) Co-Promoteur : Erik Verheyen (IRScNB)



**Nicaise Amundala Drazo, PhD**  
Ecologie des populations des Rongeurs (Rodentia, Mammalia) dans une perspective de gestion des espèces nuisibles aux cultures dans la région de Kisangani (R.D. Congo), 2013  
Promoteur : Dudu Akaibe (UNIKIS) Co-promoteur : Herwig Leirs (UA)



**Consolata Kaswera Kyamakya, PhD**  
Impact des activités anthropiques sur la densité et la distribution de *Petrodromus tetradactylus tordayi* THOMAS, 1910 (Macroscelididae, Mammalia) Dans la Région De Kisangani (Province Orientale, RD Congo), 2013  
Promoteur : Dudu Akaibe M. (UNIKIS), Co-Promoteurs: Emmanuel Gilissen (MRAC) & Erik Verheyen (IRSN)



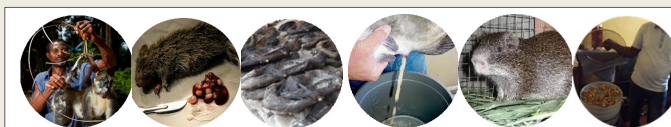
**Jean-Claude Mukinzi itoka, PhD**  
Biodiversité et écologie des musaraignes (Soricomorpha, Mammalia) de la réserve forestière de Yoko et des milieux perturbés environnants (Ubundu, RD Congo), 2014,  
Promoteur : Dudu Akaibe (UNIKIS), Co-Promoteur: Herwig Leirs (UA)



**Célestin Mizani Danadu, PhD**  
Problématique de *Synodontis* cuvier, 1816 (Siluriformes, Mochoikidae) dans le bassin du fleuve Congo: Systematique et ecologie (RD Congo), 2014  
Promoteur: Jos Snoeks (KULeuven, MRAC), Co-Promoteur: Ulyel Ali-Patho (UNIKIS)



## Flemish Interuniversity Cooperation (VLIR-UOS) University of Kisangani Contribution of biodiversity to training and food security in the North-East Congo Basin



Bushmeat impact, zoonoses & economy

Culture of fish, mammals, fungi



Taxonomic inventory of algae & fungi

Dissemination biodiversity info to stakeholders

Taxonomic inventory of vertebrates

**Sylvestre Gambalemoke Mbalitini, PhD**  
Phylogéographie et biodiversité des musaraignes (Soricomorpha, Crocidurinae) en cuvette congolaise (Kisangani, RDC), 2014  
Promoteur : Dudu Akaibe (UNIKIS), Co-Promoteur: Erik Verheyen (RBINS)



**Frank Bapeamoni Andemwana, PhD**  
Biodiversité et densité des nids des oiseaux dans un dispositif permanent à Yoko (Ubundu, RDC), 2015  
Promoteur : Dieudonné Upoki Aengong'a (UNIKIS), Co-Promoteur : Michel Louette (RMCA-Tervuren)

