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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.



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)



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

A research Institute

2300 m²
Collection rooms
Warehouses
Library
Equipped laboratories
Offices
Meeting rooms
Server room

Staff

52 scientists & technicians

A zoological museum



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**



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

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

Past activities

Individual scientific capacity building
through 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 2nd International Conference on Biodiversity in the Congo basin (Kisangani 2021)

Alumni

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



Nicaise Amundala Drizo, 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 Akabe (UNIKIS) Co-promoteur : Herwig Leirs (UA)



Consolata Kaswara Kyamaka, PhD
Impact des activités anthropiques sur la densité et la distribution de Petromedusas tetradactylus tordayi THOMAS, 1910 (Macroscelidae, Mammalia) Dans la Région De Kisangani (Province Orientale, RD Congo), 2013
Promoteur : Dudu Akabe 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 environnements (Ubundu, RD Congo), 2014,
Promoteur : Dudu Akabe (UNIKIS), Co-Promoteur: Herwig Leirs (UA)



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



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 Mbatali, PhD

Phylogéographie et biodiversité des musaraignes (Soricomorpha, Crocidurinae) en cuvette congolaise (Kisangani, RDC), 2014
Promoteur : Dudu Akabe (UNIKIS), Co-Promoteur: Erik Verheyen (RBINS)



Frank Bapeamoni Anderwana, PhD

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

