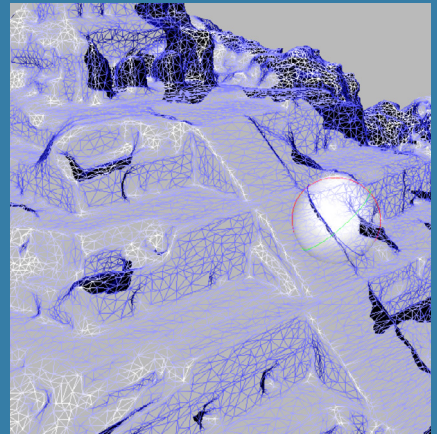


Multidisciplinary Workshop

Scientific Missions and their Advancement for Overseas Sciences: Past, Present and Future



20 December 2021

Programme

Online conference

Financially supported by

PROGRAMME

- 08.45 - 9.00 Opening of the “conference room”
- 9.00 - 9.10 Welcome Address by Patrick VAN DAMME, President of the RAOS, Belgium

SESSION I

Chair: Stan HENDRICKX (UHasselt & RAOS member, Belgium) & Philippe GOYENS (Université Libre de Bruxelles, HUDERF & RAOS Hon. Permanent Secretary)

- 9.10 - 09.35 **KEYNOTE LECTURE**
Prof. HENDRICKX Stan, UHasselt & RAOS Member section of Human Sciences
Belgian archaeological work in Egypt – History and scientific impact
- 9.35 - 09.45 Questions & Answer
- 09.45 - 10.50 **COMMUNICATIONS BY YOUNG RESEARCHERS**
- Effects of forest disturbance and regeneration on tree species composition and traits in DR Congo**
DEPECKER Jonas, Division of Ecology, Evolution and Biodiversity Conservation, KU Leuven, & Meise Botanic Garden (Belgium)
- Italian aerial photographs of Ethiopia (1935-1941): their recovery and digital archiving for scientific purposes**
FRANKL Amaury, Department of Geography, Ghent University & RAOS Member (Belgium)
- The significance of collaborations and partnerships with community researchers and institutions in enhancing access and benefit-sharing (ABS): Role of library profession**
BOUAMRI Asmaa, Eötvös Loránd University (Hungary)
- Ibeceten, a window into the anuran diversity of the African Cretaceous**
LEMIERRE Alfred, Centre de recherche en Paléontologie-CNRS/MNHN/Sorbonnes Université, Bâtiment de Géologie, Paris (France)
- Paul Duvigneaud’s botanical missions in Congo (1948-1960): digitization of 1200 slides and field notebooks**
MEERTS Pierre, Université Libre de Bruxelles, Herbarium et bibliothèque de botanique africaine, Meise Botanic Garden, Fédération Wallonie-Bruxelles. Service Général de l’Enseignement supérieur et de la Recherche scientifique & RAOS Member
- 10.50 - 11.25 Coffee break & Poster session

POSTERS

- A new small crocodylian skull from the early Paleocene of Qianshan, Anhui, China reveals an ancient Asian ghost lineage**
BOERMAN Sophie, Department of Earth and Environmental Sciences, KU Leuven & Directorate Earth and History of Life, Royal Belgian Institute of Natural Sciences, (Belgium)
- Under The Pole Scientific Mission to explore Polynesian reefs: differences between photic and mesophotic fish biophonies**
RAICK Xavier, Laboratory of Functional and Evolutionary Morphology, Freshwater and Oceanic Science Unit of Research, B6c, University of Liège (Belgium) & Centre de formation et de recherche sur les environnements méditerranéens, Université de Perpignan Via Domitia (France)

Spatial planning of global mangrove ecosystems for conservation and fishing

DABALÀ Alvisé, Laboratory of Systems Ecology and Resource Management, Département de Biologie des Organismes, Université Libre de Bruxelles & Ecology & Biodiversity, Laboratory of Plant Biology and Nature Management, Biology Department, Vrije Universiteit Brussel - VUB-APNA-WE (Belgium)

A new Chinese partial skeleton revives questions about the multituberculate mammal *Kryptobaatar*

DEVILLET Ghérint, Royal Belgian Institute of Natural Sciences, Directorate Earth & History of Life (Belgium)

Effect of Integrated Soil Fertility Management on Hydrophysical Soil Properties and Irrigated Wheat Production in the Upper Blue Nile Basin, Ethiopia

KIDANE ASMAMAW Desale, Department of Environment, Ghent University (Belgium) & Department of Natural Resource Management and Blue Nile Water Institute, Bahir Dar University (Ethiopia)

SESSION II

Chair: Philippe MUCHEZ (KU Leuven & RAOS Member, Belgium) & Thierry SMITH (Royal Institute for Natural Sciences & RAOS Member, Belgium)

11.25 - 11.50

KEYNOTE LECTURE

Prof. VERHEYEN Erik, Royal Belgian Institute of Natural Sciences & RAOS Member section of Natural and Medical Sciences

Congo2010: A multidisciplinary expedition carried out in partnership with local scientists

11.50 - 12.00

Questions & Answer

12.00 - 13.05

COMMUNICATIONS BY YOUNG RESEARCHERS

Paleoenvironment and paleoclimate of the Maastrichtian-Paleocene shelf seas of Patagonia, Argentina

VELLEKOOOP Johan, Department of Earth and Environmental Sciences, KU Leuven & O.D. Earth and History of Life, Royal Belgian Institute of Natural Sciences, (Belgium)

Working in and with the North and South: transformative dialogues to decolonize inter-university collaborations

MERTENS Kewan, Department of Geography, VUB, Brussels (Belgium)

Utilisation d'un SIG pour la caractérisation des paramètres géomorphologiques et hydrologiques des bassins versants de la ville d'Uvira dans la partie Nord-Ouest du lac Tanganyika

NDABAGA Mashauri, Institut Supérieur Pédagogique de Bukavu | Section des Sciences Exactes | Département de Géographie et Gestion de l'Environnement (République Démocratique du Congo)

Culture to culture: bacterial culture of blood transfusion products, a North-South collaboration

HEROES Anne-Sophie, Institute of Tropical Medicine, Department Clinical Sciences, Antwerp & KU Leuven, Department of Microbiology, Immunology and Transplantation, Leuven (Belgium)

A crash course on molecular biology/biotechnology laboratory skills: a case study on technology transfer from North to South

KARIUKI Christopher K., Interuniversity Program Molecular Biology (IPMB), Department of Bioengineering Sciences (DBIT), Vrije Universiteit Brussel (Belgium)

13.05 - 13.35

Lunch

13.35 - 14.25 Poster session

POSTERS

Are endemic *Senegalia* spp. (Fabaceae: Mimosoideae) seeds in the arid tropics potential novel food sources for humans? – Ongoing research summary

SOUNGALO DRABO Moustapha, Research Unit VEG-i-TEC, Faculty of Bioscience Engineering, Ghent University (Belgium) & Laboratory of Applied Biochemistry and Immunology, Department of Biochemistry and Microbiology, University Joseph Ki-Zerbo (Burkina Faso)

The social-spatial construction of industrial workers' identity in early New China

ZHANG Yiping, University of Leuven (KU Leuven) (Belgium)

Quantification and evaluation of the evolution of landscape anthropization in the agglomerations of Southern Katanga from 1979 to 2020

KHOJI MUTEYA Héritier, Ecology, Ecological Restoration and Landscape Unit, Faculty of Agricultural Sciences, University of Lubumbashi (DR Congo) & Biodiversity and Landscape Unit, Gembloux Agro-BioTech, University of Liege, (Belgium)

Appropriation and Co-production of Public Space in “*Barrios Populares*.”

MÉNDEZ ABAD Xavier, KU Leuven, Faculty of Architecture (Belgium)

HPTLC guided isolation, identification and characterization of two Iridoids glucosides extracted from root bark of *Vitex madiensis* subsp. *Milanjiensis* (Britten) F.White (Lamiaceae)

MUYUMBA NONGA Welcome, Department of Chemistry-physics, High college training teachers of Lubumbashi (DR Congo); Unit of Therapeutic Chemistry and Pharmacognosy, University of Mons (Belgium) - Laboratory of Pharmacognosy, Faculty of Pharmaceutical Sciences, University of Lubumbashi (RD Congo)

The double triangle of cooperative ownership

MURHULA CUBAKA Patrick, Université de Mons (Belgium)

Improving savannah knowledge of the high Katangan plateaus (South-eastern D.R. Congo) through taxonomical studies

ILUNGA WA ILUNGA Edouard, Herbarium de Lubumbashi & Ecology, Restoration Ecology and Landscape research Unit, Faculty of Agronomy, University of Lubumbashi (DR Congo)

SESSION III

Chair: Bart DESSEIN (Ghent University & RAOS Member, Belgium) & Georges VAN GOETHEM (European Commission & RAOS Member, Belgium)

14.25 - 14.50 **KEYNOTE LECTURE**

Prof. SMETS Benoit, Natural Hazards Unit, Dpt. of Earth Sciences, Royal Museum for Central Africa, & Cartography & GIS Research Group, Department of Geography, Vrije Universiteit Brussel (Belgium)

Natural Hazard Risk Assessment in Tropical Africa: Shared Experience in the Western Branch of the East African Rift

14.50 - 15.00 Questions & Answer

15.00 - 16.20 **COMMUNICATIONS BY YOUNG RESEARCHERS**

Crystal-record of the formation of the Earth's crust

NAMUR Olivier, Department of Earth and Environmental Sciences, KU Leuven, (Belgium)

Overseas Scientific Collaborations and their Role for Mirroring Humanitarian Catastrophes

NEGASH Emnet, Department of Geography, Ghent University, Ghent (Belgium) & Institute of Climate and Society, Mekelle University, Mekelle (Ethiopia)

Barriers, opportunities and options for developing an exploration programme to better estimate plant diversity in south-eastern DR Congo

NGOY SHUTCHA Mylor, Ecologie, Restauration Ecologique et Paysage, Université de Lubumbashi (DR Congo) & Ecologie Végétale et Biogéochimie, Université de Bruxelles, (Belgium)

Women empowerment quid? Reflection on the definitional and measurement consensus

NZANZU Y'Ise Kivalya, Université de Mons (Warocqué School of Economics and Management); E.GE.E (Economie et Gestion de l'Entreprise); CERMi (Centre Européen de Recherche en Microfinance) (Belgium)

Archaeology of plastics in Galápagos: studying the recent past to inform the future

PRAET Estelle, University of York, York, Kings Manor and Principals House, Exhibition Square, York (United Kingdom)

Manufacturing Biodegradable Algae-based plastics in Madagascar through a Triple-Bottom-Line approach

RABEARISON Mihary, Department of Economics and Business Management – Université de Mons (Belgium)

16.20 - 16.50 Coffee break & Poster session

POSTERS

Linte Syenites (Central region Cameroon): mapping, petrography and potential as industrial minerals

NJIMBOUMBOUO MOULIOM Soualiou, Université de Liège, Département de Géologie (Belgium) & Université de Yaoundé I, Département des Géosciences (Cameroun)

Gouvernance des ressources forestières par les services publics et les Organisations Non Gouvernementales dans la zone rurale de Lubumbashi (Haut-Katanga, République Démocratique du Congo)

N'TAMBWE NGHONDA Dieu-donné, Unité Écologie, Restauration Écologique et Paysage, Faculté des Sciences Agronomiques, Université de Lubumbashi (RD Congo) & Unité Biodiversité et Paysage, Université de Liège - Gembloux Agro-BioTech. (Belgique)

Mangrove ecosystem services in Northern Sri Lanka: building on community perceptions for mangrove conservation

PERUZZO Sofia, Systems Ecology and Resource Management Research Unit (SERM), Department of Organism Biology, Université Libre de Bruxelles (Belgium)

The new World-Class Tizert deposit (Anti-Atlas, Morocco): future supply for copper in Europe?

POOT Julien, Department of Geology, Institute of Life-Earth-Environment (ILEE), University of Namur (Belgium)

16.50 - 17.10 Closing remarks by Philippe GOYENS, Honorary Permanent Secretary of the RAOS, Belgium

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