

Fifth Edition

YROR

Young Researchers Overseas Day

12 December 2022
Programme

Venue:

Christian De Duve conference room
Palais des Académies - Paleis der Academiën
Rue Ducale - 1 - Hertogsstraat, 1000 Brussels



Royal Academy for
Overseas Sciences 



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PROGRAMME

08.30 - 09.00 Registration & Poster installation

09.00 - 09.10 Welcome Address, Philippe DE MAEYER, RAOS Permanent Secretary (Belgium)
Introduction, Philippe MUCHEZ, KULeuven & RAOS Member (Belgium)

9.10 - 9.50 **KEYNOTE LECTURE**

From Science to Solidarity: How can we predict, prevent and control emerging infectious diseases globally?

Marc-Alain WIDDOWSON, Director Institute of Tropical Medicine (Belgium)

Discussion

10.00 - 11.00 **ORAL PRESENTATIONS**

SESSION I – A

Thierry SMITH, Royal Belgian Institute of Natural Sciences & RAOS Member, Belgium
Bart DESSEIN, Universiteit Gent & RAOS Member, Belgium

Education for a Multicultural Society: Students', Lecturers', and Administrators' Perceptions of Intercultural Competence Education at Two Ethiopian Universities

AYANA Desta Kebede, Jimma University (Ethiopia)

Monitoring carbon storage potential on spontaneous regrowing forests: A result of the fire exclusion on anthropogenic savannas in the Democratic Republic of Congo

DJIOFACK Brice Y., Royal Museum for Central Africa, Wood Biology Service, & UGent-Woodlab, Laboratory of Wood Technology, Department of Environment (Belgium)

Protecting biodiversity in international waters: Strategies for the Indian Ocean

FOURCHAULT Léa, Écologie des Systèmes et Gestion des Ressources Département de Biologie des Organismes, Faculté des Sciences, Université Libre de Bruxelles; Department of Biology, Faculteit Wetenschappen en Bio-ingenieurswetenschappen, Vrije Universiteit Brussel (Belgium) & Dipartimento de Biologia, Università degli Studi di Firenze (Italy)

Bushmeat consumption vs. conservation. A case study of Itebero and Bunyakiri, DRC

IGUGU Olivier, Expertise Center on Mining Governance, (CEGEMI), UCB (DR Congo)

SESSION I – B

Georges VAN GOETHEM, European Commission & RAOS Member, Belgium

Jan RAMMELOO, Botanic Garden Meise & RAOS Member, Belgium

Assessing the impacts of the local governance in enhancing the resilience of mangrove ecosystems along the coastline of Benin, West Africa

GNANSOUNOU Setondé Constant, Centre for Coastal Management (Africa Centre of Excellence in Coastal Resilience); Department of Fisheries and Aquatic Sciences, School of Biological Sciences; University of Cape Coast (Ghana) & Laboratoire de Biomathématiques et d'Estimations Forestières, Faculty of Agronomic Sciences, University of Abomey-Calavi (Benin) & Department of Geography, Institute of Life-Earth-Environment, University of Namur (Belgium)

Procedural safeguards for combating torture and other forms of ill-treatments in places of police custody. The case of Ethiopia

GEBREHIWOT Abera, KU Leuven (Belgium)

Fluid saturation in pegmatites and its effects on Nb, Ta, and Li mineralization: Insights from the phosphate-rich Buranga dike (Rwanda)

PRADO ARAUJO Fernando, Department of Earth and Environmental Sciences, KU Leuven (Belgium)

Cost-efficient survey designs for monitoring and evaluation of soil-transmitted helminths control programs

KAZIENGA Adama, Department of translational physiology, infectiology and public health, Ghent University (Belgium)

11.00 - 11.45 Coffee break & Poster session (posters 1 till 20)

11.45 - 12.45 **ORAL PRESENTATIONS**

SESSION II – A

Willy BAUWENS, Vrije Universiteit Brussel & RAOS Member, Belgium

Virginie TILOT, UCLouvain, UN, European Commission & RAOS Member, Belgium

Suboptimal Cardiometabolic Health and Dietary Intake Exist at Worrying Levels Among Ugandans Living with HIV

KIYIMBA Tonny, Department of Food Technology, Faculty of Science, Kyambogo University, (Uganda) & Clinical and Experimental Endocrinology, Department of Chronic Diseases and Metabolism, KU Leuven (Belgium)

Carved into bone: The first fossil amphibian “brain”

LEMIERRE Alfred, Centre de Recherche en Paléontologie, CNRS/MNHN/Sorbonne Université (France)

Contribution à la compréhension du statut juridique du Comité International de la Croix-Rouge et du Croissant-Rouge

NGILA KIKUNI Ibrahim, Université Officielle de Bukavu (RD Congo)

To go or not to go when the lava flow is coming: Understanding of evacuation decision of Goma inhabitants during the 2021 free precursors Nyiragongo eruption crisis

MAFUKO NYANDWI Blaise, Department of Earth Sciences, Royal Museum for Central Africa; Geography department, Vrije Universiteit Brussel (Belgium) & Geology department, Université de Goma (DR Congo)

SESSION II – B

Geert VERVAEKE, KU Leuven (Belgium), Universiteit Tilburg (Nederland) & RAOS Member, Belgium

Luc ANDRÉ, Royal Museum for Central Africa & RAOS Member, Belgium

Aedes Virome in Southern Cameroon

MBIGHA DONFACK Karelle Celes, KU Leuven (Belgium), Laboratory of Viral Metagenomics, Rega institute, KU Leuven (Belgium) & Molecular and Cell Biology Laboratory, University of Buea (Cameroon)

Green Building Design Strategy for a house in Phnom Penh from Life Cycle Assessment

LONG Makara, University of Liège (Belgium) & Institute of Technology of Cambodia (Cambodia)

Preparing Vietnamese university students for the international labor market Investigating Content-and-Language-Integrated Learning and Teaching

NGUYEN Phuong Bao Tran, KU Leuven (Belgium) & Can Tho University (Vietnam)

Mobilising academic, indigenous and local knowledge for inclusive agricultural development: A case study in the Upper East region of Ghana

PEDDI Branwen, Ghent University (Belgium)

12.45 - 13.45 Lunch + Poster session (posters 21 till the end)

13.45 - 14.25

KEYNOTE LECTURE

State of scientific and technological research in the Democratic Republic of Congo (DRC)

Nicolas TABA KALULU, Permanent Secretary ACCOS (DR Congo)

Discussion

14.25 - 15.55

ORAL PRESENTATIONS

SESSION III – A

Jean-Luc HORNICK, Université de Liège & RAOS Member, Belgium

Pierre MEERTS, Université Libre de Bruxelles & RAOS Member, Belgium

Les producteurs du charbon de bois au sein du bassin d’approvisionnement de la ville de Lubumbashi (RDC): profil socio-économique, typologie et pratiques

KASANDA MUKENDI Nathan, Faculté des Sciences Agronomiques, Unité de Recherche en Economie et Développement Agricole, Université de Lubumbashi (DR Congo) & Gembloux-Agro Biotech, Unité d’Economie et Développement rural, Université de Liège (Belgium)

Listening to global warming: Assessment of the impact of coral bleaching and marine protection measures in Polynesia through passive acoustic monitoring

RAICK Xavier, Laboratory of Functional and Evolutionary Morphology, Freshwater and Oceanic Science Unit of Research, University of Liège (Belgium)

“Modernist Protestantism” versus “Chinese Superstition”: Sun Yat-sen’s Christian Revolutionary Quest

ROCTUS Jasper, Ghent University (Belgium)

Climate change impacts estimation on the long-term mean annual streamflow of the São Francisco River Basin, Brazil

SIMÕES Fabricio T. A., GEOPS, Université Paris-Saclay (France)

Current and future outdoor thermal comfort in Asia

TOP Sara, Ghent University (Belgium)

Effects of landscape heterogeneity on bird diversity in farmland at multiple spatial scales

ZHENG Hongyan, Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs (China) & Gembloux-Agro BioTech, University of Liège (Belgium)

SESSION III – B

Christa SYS, Universiteit Antwerpen & RAOS Member, Belgium

Philippe DE MAEYER, RAOS Permanent Secretary, Belgium

Multiple mineralization and fluid flow phases in the Central African Copperbelt

TORRES Jessica, Department of Earth and Environmental Sciences, KU Leuven (Belgium)

The ecology of animal personality and the effect on viral infection risk in natural populations of *Mastomys natalensis*

VANDEN BROECKE Bram, Evolutionary Ecology Group, Department of Biology, University of Antwerp (Belgium)

Drawings along the Nile: Documenting the endangered rock art from West Bank Aswan

VANHULLE Dorian, Université libre de Bruxelles/F.R.S.-FNRS (Belgium)

Undoing the development army: A paradigm shift from Transfer of Technology to Agricultural Innovation System in Ethiopian extension

ASMELASH GEBREMARIAM Yemane, Department of Agricultural Economics, Ghent University (Belgium) & Department of Rural Development and Agricultural Extension, Bahir Dar University (Ethiopia)

Campylobacter species occurrences in Ethiopian animals and diseased children: a One-Health approach

MULU LINGEREW Wondemagegn, Department of Medical Laboratory Science, College of Medicine and Health Sciences, Bahir Dar University (Ethiopia) & Laboratory of Microbiology, Department of Biochemistry and Microbiology, Ghent University (Belgium)

Mangrove dispersal disrupted by projected changes in global seawater density

VAN DER STOCKEN Tom, Vrije Universiteit Brussel (Belgium) & Jet Propulsion Laboratory, California Institute of Technology (Caltech) (USA)

15.55 - 16.15 Coffee break & Poster session

16.15 - 16.30 **Conclusion + Best poster award**

Philippe GOYENS, RAOS Past Permanent Secretary, Belgium



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