

ROYAL ACADEMY FOR OVERSEAS SCIENCES  
KONINKLIJKE ACADEMIE VOOR OVERZEESE WETENSCHAPPEN  
ACADEMIE ROYALE DES SCIENCES D'OUTRE-MER

**YOUNG RESEACHERS OVERSEAS' DAY**  
**(Brussels, 13 December 2016)**

**POSTERS**

| SESSION 1<br>One-Health: environment, animal and human well-being |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                             |
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| 1                                                                 | <p><b>Wendell ASUNCION<sup>2</sup></b>, Jundelle Romulo<sup>1</sup>, Ellen Villacorta<sup>3</sup></p> <p><sup>1</sup>Philippine Heart Center, Quezon City, East Avenue 1100, Philippines.<br/> <sup>2</sup>Department of Health Cordillera Administrative Region, Baguio City, BGHMC Compound 2600, Philippines<br/> <sup>3</sup>University of the Philippines- College of Public Health, Manila, 625 Pedro Gil Street, Ermita, Philippines<br/> <a href="mailto:wendell9asuncion@gmail.com">wendell9asuncion@gmail.com</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Common soil-transmitted helminth infections and risk factors among 1-12 years old children in Calauan, Laguna                                               |
| 2                                                                 | <p><b>Ogouyôm Herbert IKO AFE<sup>1,2</sup></b>, Euloge Yénoukounmè Kpoclou<sup>2</sup>, Victor Bienvenu Anihouvi<sup>2</sup>, François Brose<sup>1</sup>, Caroline Douny<sup>1</sup>, Djidjoho Joseph Hounhouigan<sup>2</sup> and Marie-Louise Scippo<sup>1</sup></p> <p><sup>1</sup>Department of Food Sciences, Laboratory of Food Analysis, Faculty of Veterinary Medicine, Fundamental and Applied Research for Animals &amp; Health (FARAH), Veterinary Public Health, University of Liège, bât. B43bis, 10 Avenue de Cureghem, Sart-Tilman, B-4000 Liège, Belgium<br/> <sup>2</sup>School of Nutrition, Food Sciences and Technology, Faculty of Agronomic Sciences, University of Abomey-Calavi, 01 BP 526 Cotonou, Benin<br/> <a href="mailto:ogouyomherbert.ikoafe@doct.ulg.ac.be">ogouyomherbert.ikoafe@doct.ulg.ac.be</a></p>                                                                                                                                                                                                                                                         | Insights into biogenic amines production in smoked and dried-smoked fish                                                                                    |
| 3                                                                 | <p><b>Guy-Roger KAMGA<sup>1,2,3,&amp;</sup></b>, Fanny N Dissak-Delon<sup>1,2,4</sup>, Hugues C Nana-Djeunga<sup>2,5</sup>, Benjamin D Biholong<sup>1</sup>, Stephen Mbigha Ghogomu<sup>6</sup>, Jacob Souopgui<sup>4</sup>, Honorat G M Zoure<sup>7</sup>, Michel Boussinesq<sup>8</sup>, Joseph Kamgno<sup>2,5*</sup>, Annie Robert<sup>3*</sup></p> <p><sup>1</sup>Ministry of Public Health, Yaoundé, Cameroon<br/> <sup>2</sup>Centre for Research on Filariasis and other Tropical Diseases (CRFilMT), Yaoundé, Cameroon<br/> <sup>3</sup>Institut de Recherche Expérimentale et Clinique, Université catholique de Louvain, Brussels, Belgium<br/> <sup>4</sup>Université Libre de Bruxelles, Brussels, Belgium<br/> <sup>5</sup>University of Yaoundé I, Yaoundé, Cameroon<br/> <sup>6</sup>University of Buea, Buea, Cameroon<br/> <sup>7</sup>African Program for Onchocerciasis Control (APOC)<br/> <sup>8</sup>Institut de Recherche pour le Développement, Université de Montpellier, Montpellier, France.<br/> <a href="mailto:guyrogerkgr@gmail.com">guyrogerkgr@gmail.com</a></p> | Still Mesoendemic Onchocerciasis in Two Cameroonian Community-Directed Treatment with Ivermectin Projects Despite more than Fifteen Years of Mass Treatment |

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| 4 | <p><u>Aziza MENOUNI</u><sup>1</sup>, Samir El Jaafari <sup>2</sup></p> <p><sup>1</sup>Cluster of Competence on Environement &amp; Health, Moulay Ismail University, Meknes, B.P. 298 Marjane, Morocco.</p> <p><sup>2</sup>Cluster of Competence on Environement &amp; Health, Moulay Ismail University, Meknes, B.P. 298 Marjane, Morocco.</p> <p><a href="mailto:missmenouni@gmail.com">missmenouni@gmail.com</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Toward population-based biomonitoring of pesticides exposure in Meknes city (Morocco) |
| 5 | <p><u>Shirin RAIS</u><sup>1</sup> &amp; Wasim Ahmad<sup>2</sup></p> <p><sup>1</sup>Assistant Professor, Department of Economics, Aligarh Muslim University, Aligarh, Uttar Pradesh, India.</p> <p><sup>2</sup>Assistant Professor, Department of Humanities and Social Sciences, Indian Institute of Technology (IIT), Kanpur, Uttar Pradesh, India.</p> <p><a href="mailto:shirinrais@gmail.com">shirinrais@gmail.com</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Regional Inequalities in Health Care Provision in India                               |
| 6 | <p><u>Sekou SAMADOULOUGOU</u><sup>1</sup>, Morgan Pearcy<sup>2</sup>, Annie Robert<sup>1</sup></p> <p><sup>1</sup>Pôle Epidémiologie et Biostatistique, Institut de Recherche Expérimentale et Clinique (IREC), Faculté de Santé Publique (FSP), Université catholique de Louvain (UCL), Bruxelles, Belgique.</p> <p><sup>2</sup>Faculté de Santé Publique (FSP), Université catholique de Louvain (UCL), Bruxelles, Belgique.</p> <p><a href="mailto:sekou.samadoulougou@uclouvain.be">sekou.samadoulougou@uclouvain.be</a></p>                                                                                                                                                                                                                                                                                                                                                                                                           | Geographical patterns of severe anaemia among young children in Burkina Faso          |
| 7 | <p><u>Roger TSOBOU</u><sup>1</sup>, Patrick Van Damme<sup>2</sup>, Pierre Marie Mapongmetsem<sup>3</sup></p> <p><sup>1</sup>Department of Plant Biology, University of Dschang, P.O.Box 67 Dschang, Cameroon; Department of Plant Production, Laboratory of Tropical and Subtropical Agriculture and Ethnobotany, Ghent University, Coupure links 653, B 9000 Ghent, Belgium.</p> <p><sup>2</sup>Department of Plant Production, Laboratory of Tropical and Subtropical Agriculture and Ethnobotany, Ghent University, Coupure links 653, B 9000 Ghent, Belgium. Department of Crop Science and Agroforestry, Faculty of Tropical Agrisciences, Czech University of Life Sciences Prague, Kamycka 129, 16521 Prague 6-Suchdol, Czech Republic.</p> <p><sup>3</sup>Department of Biological Sciences, University of Ngaoundéré, P.O.Box 454 Ngaoundéré, Cameroon.</p> <p><a href="mailto:tsobouroger@yahoo.fr">tsobouroger@yahoo.fr</a></p> | Plantes médicinales et maladies émergentes au Cameroun, Afrique Centrale              |
| 8 | <p><u>Patrica Nalumansi</u><sup>1</sup>, Maud Kamatenesi<sup>2</sup>, <u>Anywar UPOKI GODWIN</u><sup>3</sup></p> <p><sup>1</sup>International University of East Africa, Department of Science and Technology, Kampala, Box 35502, Uganda.</p> <p><sup>2</sup>Bishop Stewart University, Faculty of Applied Sciences, Mbarara, P.O. Box 09, Uganda.</p> <p><sup>3</sup>Makerere University, Department of Plant Sciences Microbiology &amp; Biotechnology, Kampala, P.O. Box 7062, Uganda</p> <p><a href="mailto:godwinanywar@gmail.com">godwinanywar@gmail.com</a></p>                                                                                                                                                                                                                                                                                                                                                                    | Medicinal plants used during antenatal care by pregnant women in Uganda               |

| SESSION 2<br>Biodiversity and its role in nutrition and livelihood provision |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                    |
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| 9                                                                            | <p><u>Sisay BEDEKE BELAY</u><sup>1,2*</sup>, Wouter Vanhove<sup>1</sup>, Patrick Van Damme<sup>1,3</sup>, Kolandavel Natarajan<sup>2</sup></p> <p><sup>1</sup>Laboratory of Tropical and Subtropical Agriculture and Ethnobotany (LTSAE), Faculty of Bioscience Engineering, Ghent University, Coupure links 653, 9000 Ghent, Belgium. <sup>2</sup>Department of Rural Development and Agricultural Extension, Wolaita Sodo University, Po. Box 138, Ethiopia.</p> <p><sup>3</sup>Faculty of Tropical AgriSciences, Czech University of Life Sciences, Prague, Kamýcka 129, Prague 6-Suchbát, 165 21, Czech Republic. <a href="mailto:belaysisay@gmail.com">belaysisay@gmail.com</a></p>                                                  | Vulnerability to climate change among maize-based smallholders in three districts of Woliata Zone, Ethiopia                                                        |
| 10                                                                           | <p><u>Quentin EVRARD</u><sup>1</sup>, Armel Donkpegn<sup>1</sup>, Nikki Tagg<sup>2</sup>, Jean-Louis Doucet<sup>1</sup></p> <p><sup>1</sup>Central African Forests, TERRA Research Center, Gembloux Agro-Bio Tech, University of Liège, 5030 Gembloux, 2 Passage des Déportés, Belgium.</p> <p><sup>2</sup>Projet Grands Singes, Centre for Research and Conservation, Royal Zoological Society of Antwerp, 2018 Antwerp, 26 Koningin Astridplein, Belgium</p> <p><a href="mailto:q.evrard@doct.ulg.ac.be">q.evrard@doct.ulg.ac.be</a></p>                                                                                                                                                                                                | Prédation et dispersion des graines d' <i>Afzelia bipindensis</i> en forêt dense humide tropicale                                                                  |
| 11                                                                           | <p><u>Alba IGLESIAS GONZÁLEZ</u><sup>1</sup>, Gijs De Cort<sup>1</sup>, Dirk Verschuren<sup>1*</sup></p> <p><sup>1</sup>Limnology Unit, Department of Biology, Ghent University. K.L. Ledeganckstraat 35, B-9000 Gent, Belgium</p> <p><a href="mailto:iglesias.gonzalez.alba@gmail.com">iglesias.gonzalez.alba@gmail.com</a> ; <a href="mailto:dirk.verschuren@UGent.be">dirk.verschuren@UGent.be</a></p>                                                                                                                                                                                                                                                                                                                                 | Long-term dynamics of <i>Daphnia</i> communities in tropical cold-water lakes on Mount Kenya                                                                       |
| 12                                                                           | <p><u>Jessica RANERI</u><sup>2</sup>, Gina Kennedy<sup>1</sup>, Carl Lachat<sup>2</sup></p> <p><sup>1</sup>Bioversity International, Via dei Tre Denari, 472/a, 00057 Maccarese, Rome, Italy.</p> <p><sup>2</sup>Ghent University, Coupure links 653, 9000 Gent, Belgium</p> <p><a href="mailto:j.raneri@cgiar.org">j.raneri@cgiar.org</a></p>                                                                                                                                                                                                                                                                                                                                                                                            | The role of agrobiodiversity in local food systems and diets– A Case Study from Vietnam                                                                            |
| 13                                                                           | <p><u>RIZINDE HAKIZIMANA</u><sup>1</sup>, Habiyaemye Muhashy<sup>2</sup>, Jérôme Degreef<sup>3</sup></p> <p><sup>1</sup>Etudiant master à l'Université de Kisangani, Kisangani, B.P. 2012 Kisangani, R.D. du Congo.</p> <p><sup>2</sup>Chercheur de l'Institut Royal des Sciences Naturelles de Belgique, Bruxelles, Rue Vautier 29, 1000 Bruxelles, Belgique.</p> <p><sup>3</sup>Jardin Botanique de Meise, Meise, Nieuwelaan 38, 1860 Meise, Belgique.</p> <p><a href="mailto:rizindej@gmail.com">rizindej@gmail.com</a></p>                                                                                                                                                                                                            | Contribution à l'inventaire et à l'étude de l'écologie des champignons comestibles du Secteur Nord du Parc National des Virunga (République Démocratique du Congo) |
| 14                                                                           | <p><u>Jolien VENNEMAN</u><sup>1</sup>, Kris Audenaert<sup>1</sup>, Jan Verwaeren<sup>1</sup>, Geert Baert<sup>1</sup>, Pascal Boeckx<sup>2</sup>, Adrien Moango Manga<sup>3</sup>, Benoît Dhed'a Djailo<sup>3</sup>, Danny Vereecke<sup>1</sup>, and Geert Haesaert<sup>1</sup></p> <p><sup>1</sup>Department of Applied Biosciences, Ghent University, Valentin Vaerwyckweg 1, 9000 Gent, Belgium</p> <p><sup>2</sup>Department of Applied Analytical and Physical Chemistry, Ghent University, Coupure Links 653, 9000 Gent, Belgium</p> <p><sup>3</sup>Faculty of Science, Kisangani University, Avenue Kithima 4, BP 2012, commune Makiso, DR Congo</p> <p><a href="mailto:jolien.venneman@ugent.be">jolien.venneman@ugent.be</a></p> | Extension of the elusive genus <i>Piriformospora</i> with plant growth-promoting endophytic fungi from Congolese rhizospheric soils                                |

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| 15                                                                                                                                                                                                               | <p><u>Xiaoyang ZHOU</u><sup>1,2</sup>, Minggang XU<sup>1</sup>, Gilles Colinet<sup>2</sup></p> <p><sup>1</sup>Institution of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences, Beijing, No. 12 Zhongguancun South Street, Haidian District, Beijing, 100081, China.</p> <p><sup>2</sup>Gembloux Agro-Bio Tech, University of Liege, 2 Passage des Déportés, 5030, Gembloux, Belgium</p> <p><a href="mailto:gilles.colinet@ulg.ac.be">gilles.colinet@ulg.ac.be</a> ; <a href="mailto:zhouxiaoyang0000@163.com">zhouxiaoyang0000@163.com</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Increasing soil pH improves phosphorus availability in red soils of southern China                                                              |
| 16                                                                                                                                                                                                               | <p><u>Juste YAMONEKA</u><sup>1</sup>, Paul Malumba<sup>2</sup>, Christoph Blecker<sup>3</sup>, Sabine Danthine<sup>4</sup></p> <p><sup>1</sup>University of Goma, Agronomy faculty, Goma, B.P 204, RD Congo.</p> <p><sup>2</sup>University of Kinshasa, Agronomy faculty, Kinshasa, BP 14071 Kinshasa 1, D.R.Congo</p> <p><sup>3</sup>Food Science and Formulation, University of Liege, Gembloux Agro-Bio Tech, Gembloux, Passage des Déportés, 2, B-5030, Belgium</p> <p><sup>4</sup>Food Science and Formulation, University of Liege, Gembloux Agro-Bio Tech, Gembloux, Passage des Déportés, 2, B-5030, Belgium</p> <p><a href="mailto:justewasso@gmail.com">justewasso@gmail.com</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Thermal behaviour and physicochemical properties of Safou ( <i>Dacryodes edulis</i> ) pulp oil: Comparison between solvent and press extraction |
| <p style="text-align: center;"><b>SESSION 3</b></p> <p style="text-align: center;"><b>Anthropogenic and natural influences on society: characterization, historical inventory, monitoring and resilience</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                 |
| 17                                                                                                                                                                                                               | <p><u>Jente BROECKX</u><sup>1</sup>, Matthias Vanmaercke<sup>1,2</sup>, Jean Poesen<sup>1</sup></p> <p><sup>1</sup>Department of Earth and Environmental Sciences, KU Leuven, Celestijnenlaan 200E, 3001 Heverlee, Belgium</p> <p><sup>2</sup>Research Foundation Flanders (FWO), Egmontstraat 5, 1000 Brussels, Belgium <a href="mailto:Jente.Broeckx@kuleuven.be">Jente.Broeckx@kuleuven.be</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Landslide susceptibility of Africa                                                                                                              |
| 18                                                                                                                                                                                                               | <p><u>Olivier DEWITTE</u><sup>1*</sup>, Adriano Nobile<sup>1</sup>, Antoine Dille<sup>1,2</sup>, Jean-Claude Maki Mateso<sup>3</sup>, Elise Monsieurs<sup>1,4</sup>, Toussaint Mugaruka Bibentyo<sup>5</sup>, Sylvain Kulimushi Matabaro<sup>6</sup>, Liesbet Jacobs<sup>1,2</sup>, Fabien Albino<sup>7</sup>, Alain Demoulin<sup>4,8</sup>, Matthieu Kervyn<sup>2</sup>, Nicolas d'Oreye<sup>9,10</sup>, François Kervyn<sup>1</sup></p> <p><sup>1</sup>Royal Museum for Central Africa, Department of Earth Sciences, Leuvensesteenweg 13, 3080, Tervuren, Belgium.</p> <p><sup>2</sup>Vrije Universiteit Brussel, Department of Geography, Brussels, Belgium.</p> <p><sup>3</sup>Centre de Recherche en Sciences Naturelles, Department of Geophysics, Lwiro, DRC.</p> <p><sup>4</sup>Université de Liège, Department of Geography, Liège, Belgium.</p> <p><sup>5</sup>Université Officielle de Bukavu, Department of Geology, Bukavu, DRC.</p> <p><sup>6</sup>Institut Supérieur Pédagogique de Bukavu, Department of Geography and Environmental Management, Bukavu, DRC.</p> <p><sup>7</sup>University of Miami, RSMAS, Miami, Florida, USA.</p> <p><sup>8</sup>FRS-FNRS, Brussels, Belgium.</p> <p><sup>9</sup>European Center for Geodynamics and Seismology, Walferdange, Grand-Duchy of Luxembourg.</p> <p><sup>10</sup>National Museum of Natural History, Walferdange, Grand-Duchy of Luxembourg</p> <p><a href="mailto:olivier.dewitte@africamuseum.be">olivier.dewitte@africamuseum.be</a></p> | Landslide characterization from space in the Rift flanks west of Lake Kivu (DRC)                                                                |
| 19                                                                                                                                                                                                               | <p><u>Hanne GLAS</u><sup>1*</sup>, Greet Deruyter<sup>1,2</sup>, Philippe De Maeyer<sup>2</sup></p> <p><sup>1</sup>Ghent University, Department of Civil Engineering, V. Vaerwyckweg 1, B-9000 Ghent, Belgium.</p> <p><sup>2</sup>Ghent University, Department of Geography, Krijgslaan 281, B-9000 Ghent, Belgium.</p> <p><a href="mailto:hanne.glas@ugent.be">hanne.glas@ugent.be</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Open Source data as input for risk assessment in the SIDS                                                                                       |

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| 20 | <p><u>Jean HUGÉ</u><sup>1,2,*</sup>, Katherine Vande Velde<sup>1,2,*</sup>, Francisco Benitez-Capistros<sup>1,2,*</sup>, Farid Dahdouh-Guebas<sup>1,2,*</sup> &amp; Nico Koedam<sup>1,2,*</sup></p> <p><sup>1</sup>Université Libre de Bruxelles (ULB), Brussels, Av. Franklin Roosevelt 50, CP 264, 1050 Brussels<br/> <sup>2</sup>Vrije Universiteit Brussel (VUB), Plant Biology &amp; Nature Management Unit. Pleinlaan, 1050 Brussels<br/> <a href="mailto:Jean.Huge@ulb.ac.be">Jean.Huge@ulb.ac.be</a></p>                                                                                                                               | Mangrove management discourses in Malaysia - a Q study                                                                                                              |
| 21 | <p><u>Liesbet JACOBS</u><sup>1,2*</sup>, Matthieu Kervyn<sup>2</sup>, Adriano Nobile<sup>1</sup>, Jean Poesen<sup>3</sup>, April Joy Coleta<sup>2</sup>, Olivier Dewitte<sup>1</sup></p> <p><sup>1</sup>Royal Museum for Central Africa, Department of Earth Sciences, Leuvensesteenweg 13, 3080 Tervuren, Belgium<br/> <sup>2</sup>Vrije Universiteit Brussel, Department of Geography, Earth System Science, Pleinlaan 2, 1050 Elsene, Belgium<br/> <sup>3</sup>KU Leuven, Division of Geography and Tourism, Celestijnenlaan 200E, 3001 Heverlee, Belgium<br/> <a href="mailto:lijacobs@vub.ac.be">lijacobs@vub.ac.be</a></p>               | Synthetic stereo-mate generation for geomorphologic interpretation to improve landslide-susceptibility mapping in remote settings: Rwenzori Mountains national park |
| 22 | <p><u>Chantal KABONYI</u><sup>1</sup>, Charles Ntaganda<sup>2</sup> &amp; Emile Roche<sup>3</sup></p> <p><sup>1</sup>Professeur à l'Université Officielle de Bukavu (RD. Congo)<br/> <sup>2</sup>Ex-Professeur à l'Université du Rwanda<br/> <sup>3</sup>Membre de l'Académie Royale des Sciences d'Outre-Mer de Belgique<br/> <a href="mailto:rocheemile@yahoo.fr">rocheemile@yahoo.fr</a></p>                                                                                                                                                                                                                                                | Evolution des paléoenvironnements holocènes des zones montagneuses bordières du Lac Kivu                                                                            |
| 23 | <p><u>Crépin KYONA</u><sup>1</sup>, Fanny Descamps<sup>2</sup>, Ophélie Faÿ-Gomord<sup>3</sup>, Philippe Ancia<sup>2</sup>, Jean-Pierre Tshibangu<sup>2</sup></p> <p><sup>1</sup>UNILU, Université de Lubumbashi, Faculté des Sciences, Département de Chimie, Route Kasapa1825, RDC.<br/> <sup>2</sup>UMONS, Université de Mons, Faculté Polytechnique, Service de Génie Minier, Place du Parc 20, 7000 Mons, Belgique<br/> <sup>3</sup>KU Leuven, Géologie, Département des Sciences de la Terre et Environnement, Celestijnenlaan 200E, 3001 Heverlee, Belgique<br/> <a href="mailto:kyonacrepin1@gmail.com">kyonacrepin1@gmail.com</a></p> | Caractérisation de briques en terre crue incorporant des rejets de flottation de minerais cupro-cobaltifères                                                        |
| 24 | <p><u>Simon LHOEST</u><sup>1</sup>, Marc Dufrêne<sup>2</sup>, Cédric Vermeulen<sup>1</sup>, Jean-Louis Doucet<sup>1</sup> &amp; Adeline Fayolle<sup>1</sup></p> <p><sup>1</sup>University of Liège, Gembloux Agro-Bio Tech, TERRA Research Centre, Central African Forests, Gembloux, Passage des Déportés 2, 5030, Belgium<br/> <sup>2</sup>University of Liège, Gembloux Agro-Bio Tech, BIOSE &amp; TERRA, Biodiversity and Landscape, Gembloux, Passage des Déportés 2, 5030, Belgium<br/> <a href="mailto:simon.lhoest@ulg.ac.be">simon.lhoest@ulg.ac.be</a></p>                                                                           | Tropical moist forests' ecosystem services perceived by stakeholders: A case study from South-Eastern Cameroon                                                      |
| 25 | <p><u>Jan MAES</u><sup>1,2*</sup>, Liesbet Vranken<sup>1</sup>, Jean Poesen<sup>1</sup>, Liesbet Jacobs<sup>2,3</sup>, Kewan Mertens<sup>1</sup>, and Matthieu Kervyn<sup>2</sup></p> <p><sup>1</sup>KU Leuven, Department of Earth and Environmental Science, Leuven, Celestijnenlaan 200E, Belgium.<br/> <sup>2</sup>VUB, Department of Geography, Brussels, Pleinlaan 2, Belgium.<br/> <sup>3</sup>RMCA, Department of Earth Sciences, Tervuren, Leuvensesteenweg 13, Belgium.<br/> <a href="mailto:maes.jan@kuleuven.be">maes.jan@kuleuven.be</a></p>                                                                                      | Identifying appropriate landslides risk reduction strategies: a social multi-criteria evaluation for West Uganda                                                    |

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| 26                                                                                                                                                                                                        | <p><u>Caroline MICHELLIER</u><sup>1,2</sup>, Eléonore Wolff<sup>2</sup>, Marcellin Bifuko Bahati<sup>3</sup>, Damien Delvaux<sup>1</sup>, Olivier Dewitte<sup>1</sup>, Nicolas D'Oreye<sup>4</sup>, Havenith Hans-Balder<sup>5</sup>, Kadekere Innocent<sup>6</sup>, Kervyn Matthieu<sup>7</sup>, Sylvain Matabaro Kulimushi<sup>8</sup>, Sam Poppe<sup>7</sup>, Benoît Smets<sup>1</sup>, Théodore Trefon<sup>1</sup>, François Kervyn<sup>1</sup></p> <p><sup>1</sup>Royal Museum for Central Africa, Tervuren, Leuvensesteenweg 13, Belgium.<br/> <sup>2</sup>Université Libre de Bruxelles, Bruxelles, CP130/03 Avenue F.D. Roosevelt 50, Belgium<br/> <sup>3</sup>Institut National de la Statistique-Nord Kivu, Goma, DR Congo<br/> <sup>4</sup>European Centre for Geodynamics and Seismology, Walferdange, Rue Josy Welter 19, Luxembourg<br/> <sup>5</sup>Université de Liège, Liège, B.18 Quartier Agora Allée du six Août 14, Belgium<br/> <sup>6</sup>Institut National de la Statistique-Sud Kivu, Bukavu, DR Congo<br/> <sup>7</sup>Vrije Universiteit Brussel, Brussels, Pleinlaan 2, Belgium<br/> <sup>8</sup>Institut Supérieur Pédagogique de Bukavu, Bukavu, DR Congo<br/> <a href="mailto:caroline.michellier@africamuseum.be">caroline.michellier@africamuseum.be</a></p> | Challenges and results of vulnerability and risk assessment in Central Africa (GeoRisCA project)                   |
| 27                                                                                                                                                                                                        | <p><u>Sophie MOSSOUX</u><sup>1,2</sup>, Matthieu Kervyn<sup>1</sup>, Frank Canters<sup>2</sup></p> <p><sup>1</sup>Vrije Universiteit Brussel - Department of Geography - Physical Geography, Brussels, Pleinlaan 2, Belgium<br/> <sup>2</sup>Vrije Universiteit Brussel - Department of Geography - Cartography and GIS Research Group, Brussels, Pleinlaan 2, Belgium<br/> <a href="mailto:smossoux@vub.ac.be">smossoux@vub.ac.be</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A methodology to estimate a population in hazardous volcanic areas based on high resolution remotely sensed images |
| 28                                                                                                                                                                                                        | <p><u>Denis SAMYN</u><sup>1</sup>, Jun UETAKE<sup>2</sup> and François KERVYN<sup>1</sup></p> <p><sup>1</sup>Royal Museum for Central Africa, Natural Hazard Unit, Tervuren, Belgium<br/> <sup>2</sup>National Institute of Polar Research, Transdisciplinary Research Integration Center, Tokyo, Japan<br/> <a href="mailto:denis.samyn@africamuseum.be">denis.samyn@africamuseum.be</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Recent deglaciation dynamics in the Rwenzori Mountains, Uganda/D.R. Congo                                          |
| <p align="center"><b>SESSION 4</b></p> <p align="center"><b>World population growth and economic and social evolutions: megacities, poverty, migration, epidemics, infrastructure, transport, ...</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                    |
| 29                                                                                                                                                                                                        | <p><u>Eric Patrick FEUBI PAMEN</u></p> <p>Laboratory of Analysis and Research in Mathematical Economic (LAREM), University of Yaounde 2, Po Box: 562 Yaounde -Cameroon)<br/> <a href="mailto:armeric_63@yahoo.com">armeric_63@yahoo.com</a>; <a href="mailto:pamen_2003@yahoo.fr">pamen_2003@yahoo.fr</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Health inequalities, poverty and social exclusion in Cameroon                                                      |
| 30                                                                                                                                                                                                        | <p><u>Khalid LAHYANI</u></p> <p>Doctorant en science sociales, Hassan II University of Casablanca, Hay Inara1 Derb El Hamra. Rue 7. N 3. Casablanca. Maroc<br/> <a href="mailto:khalid.lahyani@gmail.com">khalid.lahyani@gmail.com</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Politiques économiques du Maroc après l'indépendance et essor des vendeurs de rue                                  |

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| 31                                                                                                                                                                              | <p><u>Yannick USENI SIKUZANI</u><sup>1,2,3</sup>, François Munyemba Kankumbi<sup>1,2,3</sup>, Jan Bogaert<sup>3</sup></p> <p><sup>1</sup>EREP—Ecology, Restoration Ecology and Landscape Research Unit, Faculty of Agricultural Sciences, University of Lubumbashi, P.O. Box 1825, Campus universitaire, Lubumbashi, DR. Congo.</p> <p><sup>2</sup>CCPGU—Centre de Compétences en Planification et Gestion Urbaine, University of Lubumbashi, P.O. Box 1825, Building administratif, Lubumbashi, DR. Congo.</p> <p><sup>3</sup>BIOSE— Biosystems Engineering Department, Biodiversity and Landscape Unit, University of Liège, Gembloux Agro-Bio Tech, 2 Passage des déportés, 5030 Gembloux, Belgium</p> <p><a href="mailto:yannickuseni@gmail.com">yannickuseni@gmail.com</a></p> | Urbanisation et dynamique spatio-temporelle des espaces verts à Lubumbashi (Haut-Katanga, RD Congo): une analyse diachronique à l'échelle des communes      |
| <p style="text-align: center;"><b>SESSION 5</b></p> <p style="text-align: center;"><b>Learning from the past: archaeology, history and insights in 21st century society</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                             |
| 32                                                                                                                                                                              | <p>Jean Bourgeois<sup>1</sup>, Lars DE SLOOVER<sup>2</sup>, Amaury Frankl<sup>2</sup>, Alishir Kurban<sup>3</sup>, Philippe De Maeyer<sup>2</sup></p> <p><sup>1</sup>Ghent University, Research group of Archaeology, 9000 Gent, Sint-Pietersnieuwstraat 35, Belgium.</p> <p><sup>2</sup>Ghent University, Research group of Geography, 9000 Gent, Krijgslaan 281, Belgium.</p> <p><sup>3</sup>Chinese Academy of Sciences, Xinjiang Institute of Ecology and Geography, 830011 Urumqi, 818 South Beijing Road, China.</p> <p><a href="mailto:lars.desloover@ugent.be">lars.desloover@ugent.be</a>; <a href="mailto:lars.desloover@ugent.be">lars.desloover@ugent.be</a></p>                                                                                                        | Karez research in the Turpan Depression                                                                                                                     |
| 33                                                                                                                                                                              | <p><u>Stefano HENDRICKX</u><sup>1</sup>, Cornelis Stal<sup>1</sup>, Sirien Keeta<sup>1</sup>, Cameron McNeil<sup>2</sup>, Marie Verbeke<sup>1</sup></p> <p><sup>1</sup>Department of Real Estate and Land Surveying, University College Ghent, Valentin Vaerwyckweg 1, 9000 Ghent, Belgium.</p> <p><sup>2</sup>Department of Anthropology, Lehman College, The City University of New York, Bronx, NY 10468</p> <p><a href="mailto:stefano.hendrickx.v6044@student.hogent.be">stefano.hendrickx.v6044@student.hogent.be</a></p>                                                                                                                                                                                                                                                     | Detection of Maya archaeological heritage using UAV-based near-infrared photogrammetry                                                                      |
| 34                                                                                                                                                                              | <p><u>Lore GOETHALS</u><sup>1</sup>, Geert van der Plas<sup>1</sup>, Daan van der Velden<sup>2</sup>, Dirk Verschuren<sup>1*</sup></p> <p><sup>1</sup>Limnology Unit, Department of Biology, Ghent University. K.L.Ledeganckstraat 35, B-9000 Gent, Belgium</p> <p><sup>2</sup>Paleontology Unit, Department of Geology, Ghent University. Krijgslaan 281-S8, B-9000 Gent, Belgium</p> <p><a href="mailto:Lore.Goethals@UGent.be">Lore.Goethals@UGent.be</a> ; <a href="mailto:dirk.verschuren@UGent.be">dirk.verschuren@UGent.be</a></p>                                                                                                                                                                                                                                           | Fungi, dung and pastoralists: Reconstructing settlement history near Lake Katinda, western Uganda, using fossil fungal spores recovered from lake sediments |
| 35                                                                                                                                                                              | <p><u>Eslam NOFAL</u><sup>1*</sup>, Andrew Vande Moere<sup>2</sup></p> <p><sup>1</sup>PhD student, Research[x]Design, Department of Architecture, KU Leuven, 3000 Leuven, Belgium. Assistant Lecturer, Department of Architectural Engineering, Assiut University, 71516 Assiut, Egypt.</p> <p><sup>2</sup>Professor, Research[x]Design, Department of Architecture, KU Leuven, 3000 Leuven, Belgium.</p> <p><a href="mailto:eslam.nofal@kuleuven.be">eslam.nofal@kuleuven.be</a></p>                                                                                                                                                                                                                                                                                               | Communication of Heritage Information: Tangible Interaction Approach                                                                                        |
| 36                                                                                                                                                                              | <p><u>Hannelore VANDENBERGEN</u></p> <p>Royal Museum for Central Africa, Leuvensesteenweg 13, 3080 Tervuren</p> <p><a href="mailto:hannelore.vandenbergen@africamuseum.be">hannelore.vandenbergen@africamuseum.be</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | The Hutereau collection in the RMCA through the lens of a critical Museum Anthropology                                                                      |

## SESSION 6

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| 37 | <u>Nathalie NARVÁEZ</u><br>E.A. 4249, Héritages et Constructions dans le Texte et l'Image, Université de Bretagne Occidentale, Brest, 20, rue Duquesne, 29200 Brest, France. - <a href="mailto:nathalie.narvaez@univ-brest.fr">nathalie.narvaez@univ-brest.fr</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | La violence extrême à l'épreuve du genre : les voix des auteures du Rwanda et du Guatemala. Déplacements physiques et circulation symbolique                  |
| 38 | <u>Anna Perla ACKOUALA Mféré</u> <sup>1,2</sup> , Franck Delpomdor <sup>1,3</sup> , Yannick Callec <sup>4</sup> , François Fournier <sup>5</sup> , Florent Boudzoumou <sup>2</sup> , Dieudonné Maurice Malounguila Nganga <sup>2</sup> , Alain Préat <sup>1</sup><br><sup>1</sup> University of Brussels, Department of Earth Sciences and Environmental Sciences, 50 av. FD Roosevelt, B-1050, Brussels, Belgium<br><sup>2</sup> Université Marien Ngouabi, Département de Géologie BP 69, Brazzaville, People's Republic of Congo<br><sup>3</sup> Illinois State Geological Survey, University of Illinois, 615 E. Peabody Dr., Champaign, US-61820, Illinois, United States<br><sup>4</sup> Bureau de Recherches Géologiques et Minières, 3 av. Claude Guillemin, BP 36009, F-45060 Orléans, Cédex2, France<br><sup>5</sup> Aix-Marseille Université, CNRS, IRD, CEREGE UM34, 13545 Aix en Provence, France<br><a href="mailto:aackoual@ulb.ac.be">aackoual@ulb.ac.be</a> | Paleoenvironments and Diagenesis in the Ediacaran SCIC Formation of the Schisto-Calcaire Group in the Niari-Nyanga and Comba subbasins, Republic of the Congo |
| 39 | <u>Niels HULSBOSCH</u> <sup>1</sup> , Stijn Dewaele <sup>2</sup> , Philippe Muchez <sup>1</sup><br><sup>1</sup> Geodynamics and Geofluids Research Group, Department of Earth and Environmental Sciences, KU Leuven, Celestijnenlaan 200E, 3001 Leuven, Belgium<br><sup>2</sup> Department of Geology and Mineralogy, Royal Museum for Central Africa (RMCA), Leuvensesteenweg 13, 3080 Tervuren, Belgium<br><a href="mailto:niels.hulbosch@kuleuven.be">niels.hulbosch@kuleuven.be</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Nb-Ta pegmatite-type and W quartz vein-type deposits in Rwanda: a granite-related crystal-melt-fluid ore system                                               |
| 40 | <u>Yamen SAYAF</u><br>Hama University, Hama, Syria.<br><a href="mailto:Yamen.Sayaf@gmail.com">Yamen.Sayaf@gmail.com</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | The Effect of Adding Probiotics compounds and Some Organic Acids (Florac®) on the Immune Physiological Response and Some Blood Parameters in Horses           |
| 41 | <u>VAN DAELE Johanna</u> <sup>1</sup> , Nathan Reinders <sup>1</sup> , Niels Hulbosch <sup>1</sup> , Stijn Dewaele <sup>2</sup> and Philippe Muchez <sup>1</sup><br><sup>1</sup> KU Leuven, Department of Earth and Environmental Sciences, Leuven, Celestijnenlaan 200C, Belgium.<br><sup>2</sup> Royal Museum for Central Africa, Department of Geology and Mineralogy, Tervuren, Leuvensesteenweg 13, Belgium.<br><a href="mailto:johanna.vandaele@kuleuven.be">johanna.vandaele@kuleuven.be</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Geochemical evolution of and regional controls on the granite-related Nb-Ta-Sn deposits in the Musha-Ntungwa area, East Rwanda                                |
| 42 | <i>TROPICULTURA JOURNAL</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                               |
| 43 | <i>GEO-ECO-TROP JOURNAL</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                               |