

GLOBAL MINDS FUND GHENT UNIVERSITY 2020 SELECTED PROJECTS

OPERATIONAL GRANT 2020						
Candidate's name	Promoter	Department	Title of the activities proposed within this grant application	Abstract	Country	Budget
1 Thijs Van der Meeren	Dirk Verschuren	Biology	Hydrological response of Rift Valley lakes in Kenya to the shifting rainfall patterns associated with anthropogenic climate change	Anthropogenic climate change is causing shifting patterns in the amount and seasonality of East African rainfall, and erratic fluctuation in the level of Rift Valley lakes in Kenya, creating diverse threats to lake ecosystem functioning. This project empowers local partners to install a lake-level recording network permitting joint research into shared and site-specific components of hydrological response to climate change.	Kenya	9 100 €
2 Saar Baert	Ines Keynaert	Public Health and Primary Care	Identifying barriers and facilitators to access and engage with comprehensive services for victims of sexual violence: Acceptability of the Gender Based Violence and Recovery Center at the Coast General Hospital in Mombasa, Kenya	Sexual violence (SV) is highly prevalent in Kenya and the availability and accessibility of quality support services for SV victims is challenging. This qualitative research aims to evaluate the acceptability of comprehensive services for victims of SV in Mombasa, Kenya with the aim to improve service provision at local and national level.	Kenya	4 315 €
3 Emmanuel Kasongo Yakusu	Joris Van Acker	Environment	Yangambi Biosphere Reserve eco-climatological data valorisation for 1961-1980 period in order to improve the research on climate change in relationship with the ecology and management of the tropical tree and forests of Congo Basin	In DRC, climate change monitoring for improving forest and agronomic research is rare. We digitized and encoded daily temperature and precipitation data from 1981 to 2016 observations at INERA-Yangambi. We want valorize the 1961-1980 data, which might be mixed with COBECORE project data to have unique long-term meteorological (~1910-2020) data records, and connect to CongoFlux and other projects.	DR Congo	11 750 €
4 Jean Pierre Mujiyambere	Eva Brems	Human Rights Centre, Department of European, Public and International Law	Study visit at the Business and human rights Unity at the University of Pretoria in South Africa and field visits to the African Regional and sub-regional mechanisms of human rights protection as well as to some human rights organisations which support victims of human rights abuses by Multinational Corporations from African countries in their quests for remedies	Field research to the African regional and sub-regional mechanisms of human rights protection as well as to some national and international human rights organizations that support victims of MNCs' human rights abuses from Africa in their quest for effective remedies.	DR Congo	6 130 €
5 Sara Weschler	Koen Vlassenroot	Vakgroep Conflict- en Ontwikkelingsstudies	Bitter Sugar and Sweet Subsistence in Northern Uganda: How a History of Forced Displacement Shapes One Community's Fears of Agribusiness Development	This project applies a historical lens to contemporary smallholder farmer resistance against an agribusiness development project in Lakang, Amuru District, in northern Uganda. It asks how a century-long history of forced displacement shapes community fears of development, and how development actors might address such fears so as to genuinely serve local communities, rather than threatening their ways of life.	Uganda	12 260 €
6 Isaac Makelele	Pascal Boeckx	Department of Green Chemistry and Technology	The structural forest succession	This study aims to disentangle how forest structure changes along forest succession in the tropical forest of the Congo Basin. Via a new state-of-the-art technique called terrestrial laser scanning, we aim to make a 3D reconstruction of forest regrowth, which will help answering vexing ecological questions on this important process.	DR Congo	12 300 €
7 Marieke Paepen	Thomas Hermans	Geology, Laboratory of Applied Geology and Hydrogeology	Characterizing groundwater-lake water interactions by using 222radon, Lake Tana, Ethiopia	Lake Tana is situated on the basaltic plateau of the NorthWestern Ethiopian highlands. The interaction of lake and groundwater has until now been neglected, but it can be studied by using 222radon. Sampling and in-situ radon measurements will be done in the lake, groundwater, and spring water. After sample analyses, a conceptual model will be developed on the lake-groundwater interaction.	Ethiopia	12 500 €
8 Richard Tshienda Muambi	Alexander De Becker	Criminal law and Social Law		The research proposal tends to grant additional value to a legal research project concerning civil service law in Congo. The legal framework exists but is not enforced as it should be. Semistructured interviews with important stakeholders shall reveal crucial information next to the legal analysis to bring up better proposals for a better functioning Congolese Civil Service.	DR Congo	4 400 €
9 Boynito Wanzahun Godana	Stefaan De Henauf	Department of Public health and Primary Care	Building capacity for assessing breastfeeding practices using stable isotope techniques	Diarrhoea and other infectious diseases are high risk for infant survival. Exclusive breastfeeding (EBF) protects the child against death, disease, and poverty. Rates of EBF infants remain suboptimal. Our project aims at increasing EBF rates in the first six months using an innovative video-based nutritional education. The deuterium dose-to-mother technique is a the gold standard to monitor breastfeeding intake.	Ethiopia	12 500 €
10 Jacob Vermeire	Saskia Crucke	Marketing, Innovation and Organisation	Time poverty & entrepreneurship	The development of entrepreneurial opportunities is by nature a future oriented process. Hence, engaging in such a process is difficult for those who focus on the present because of time-poverty. Supported by case studies of female entrepreneurs in rural Rwanda, this research aims to develop theory on how this temporal contradiction can be overcome.	Rwanda	12 500 €
11 Diana Potjomkina	Jan Orbie	Centre for EU Studies	Field research: civil society consultations on trade and sustainable development in the framework of the EU-Peru/Colombia-Ecuador free trade agreement (focus on Peru)	This research project focuses on how the consultation mechanism established under the EU-Peru free trade agreement (the Peruvian Domestic Advisory Group, DAG) helps to promote sustainable development in Peru. It critically analyses the national context of Peru in order to identify opportunities and challenges that Peruvian civil society representatives encounter while participating in this multistakeholder mechanism	Peru	6 240 €
12 Robin Temmerman	Mathias Devreese	Faculteit Diergeneeskunde/Vakgroep Farmacologie, Toxicologie en Biochemie	PK/PD modelling of enrofloxacin dosing regimen for treatment of APEC infections in broiler chickens in Kenya	Current dosage regimens of antimicrobials have been determined for treatment without taking antimicrobial resistance into account. In this research proposal, optimal dosage regimen will be established for enrofloxacin treatment against avian pathogenic Escherichia coli (APEC) in Kenyan broilers taking the current resistance pattern of APEC towards enrofloxacin into account. This will lead to a reduced development and selection of antimicrobial resistance.	Kenya	12 500 €

13	Emmanuel Akampurira	Koen Viassenroot	Conflict and Development Studies	Gender and Minority rights: An assessment of Uganda's Wildlife Compensation Policy	The project aims to make a critical assessment of the effectiveness of the new wildlife compensation program in Uganda. The focus is to evaluate the effectiveness and equity of the program with a specific focus on gender and minority groups. The methodology will employ ethnographic field research in two case studies in Bwindi Impenetrable and Queen Elizabeth National Parks.	Uganda	8975
CAPACITY BUILDING 2020							
	Promoter	Type of Initiative	Department	Title of the Initiative	Abstract	Country	Budget
1	Heijde Marc; Gheysen Godelieve	Research/Symposium	Department of Plant Biotechnology and Bioinformatics	Gene editing and the future of agriculture in the developing world	The symposium "Genome editing for a sustainable development of agriculture in the South" will assess present research using genome editing for crops relevant to developing countries. Aspects including limiting development factors such as international regulatory disharmony as well as the potential societal value of these technologies for the Global South will be proposed for discussion.	South Africa	15 000,00€
2	Gretania Residiwati Habib Syaiful Arif Tuska	Research/Collaboration research, international seminar, and workshop.	Department of Reproduction, Obstetrics, and Herd Health	Collaboration research, international seminar, and workshop.	The introduction of Belgian Blue cattle in Indonesia will stimulate further collaboration, and the international seminar and workshop will increase the skills of Indonesian veterinarians to manage Belgian Blue cattle in a sustainable way. It will increase the meat available for the Indonesian community and it will help Indonesia to reach success in developing a breeding program for Belgian Blue cattle	Indonesia	15 000,00€
3	Hermans Thomas	Research/Training activities (field and software training) and field test (exploratory mission)	Geology (WE13)	Developing expertise for deep seawater intrusion characterization through electrical resistivity tomography in the Mekong Delta	Sustainable access to drinking water and irrigation in Vietnam is in danger due to salt water intrusions contaminating coastal aquifers. In this project, we propose to train local staff to properly monitor the intrusion through deep electrical resistivity tomography measurements. We also propose to carry out field tests in the Mekong Delta to validate the approach.	Vietnam	7 470,00€
4	Ann Vanreusel; Francesca Pasotti	Education/Research; Training/Network event	Biology Department	Marine Biology Summer School Cambodia	In Cambodia there is need for a Marine Biology curriculum to foster academic marine research to back policies paramount to the sustainable use of the Cambodian sea. We wish to organise a Summer School on marine science topics and train the local academics and students. A series of workshops (with the academics) would define a roadmap for the curriculum development.	Cambodia	15 000,00€
5	DE SAEGER SARAH	Education; SEMINAR/TRAINING	BIOANALYSIS	IMPROVING TEACHING SKILLS OF UGENT-TECHNICAL STAFF IN THE FRAMEWORK OF EDUCATING MYTOX-SOUTH SCHOLARSHIP TRAINEES IN A DIVERSE-SENSITIVE CONTEXT	Technical staff of the UGent CoEMPH will participate in the MYTOX-SOUTH conference (September 2020) by organizing an innovative hands-on session on troubleshooting in mycotoxin detection with the final aim to improve the teaching skills of our UGent-staff in a diverse-sensitive context. Conference-participants will share their challenges, and CoEMPH-staff will prepare this interactive discussion and visit the facilities at Stellenbosch University.	South Africa	7 500,00€
6	De Gelder Katrien	Education/Research; transferable skills training	Research Department	PhD boot camp Viet Nam	The PhD boot camp is an high-yield opportunity for PhD candidates who are keen to gain valuable professional work experience in the field of development cooperation. The boot camps build capacity at all levels, from individuals to institutions. They allow young researchers to purposefully apply their expertise whilst creating meaningful collaborations with academic and non-academic partners in the South.	Vietnam	7 500,00€
7	Katrina Pehudoff	Research/Exploratory mission	Public Health & Primary Care	An exploration of access to medicines for sexual and reproductive health in Uganda	This is an exploratory mission by dr. Katrina Pehudoff to meet Dr. Freddy Kitutu at the School of Health Sciences, Makerere University, Uganda, and to develop collaborative research on pharmaceutical policy and access to medicines for sexual and reproductive health. Key activities are meetings with stakeholders, site visits, an expert meeting, and producing a promotional video about access to medicines in Uganda.	Uganda	7 495,00€
8	Marijke D'Haese	Research/Exploratory research visit for the development of a research proposal	Agricultural economics	Assessing and building resilience of livestock value chains in South Africa	Livestock value chains in South Africa have been affected by extreme drought in the past decade. This has direct effects on livestock farmers' ability to cope with shocks, but also indirectly on input suppliers, processors, transporters and retailers. This exploratory research will assess the resilience of the livestock value chain in South Africa by following a trans-disciplinary approach.	South Africa	7 500,00€
9	Ruben Wissing	Research/Conference with PhD masterclass and broad public event	European, Public and International Law	Cooperation or externalisation? EU migration policy, the law, and the migrants.	An academic conference on the external EU migration policy and its consequences for refugee protection, development policies, with attention for the Global South and the migrant's perspective. The event is organised by the UGent Migration Law Research Group, with collaboration of 11.11.11 and other UGent research groups and will include a PhD masterclass and a side-event for the broad public	Morocco	9 195,00€
10	Frederik Deconinck	Education/Follow up on our explorative mission in March 2019	Department of Movement and Sports Sciences	UR & UGent – a partnership for capacity building in PE.	The Department of Movement and Sports Sciences recognises the importance of capacity building in and with the global South. To this end, the Department reaches out to its sister Department at the University of Rwanda. Through a mutual joint visit, including workshops by both the Rwandan and Belgian partners, we further elaborate the network that we initiated during our explorative mission in March 2019. The common goal of these visits is to formalise the collaboration in view of a sustainable exchange of knowledge, students and staff.	Rwanda	7 500,00€
11	Hans Verbeeck	Education/Summer school	Department of Environment	COFOREC Summer School 2.0	This project will put together a template for the organization of intensive courses in developing countries. We aim to develop a course going from theory, to field work and data collection, and finally data analysis and presentation. The template is to be applicable for other UGent members that want to start teaching in developing countries.	Ecuador	15 000,00€
12	Imca Sompers	Education/explorative missions, Workshop	Food Technology, Food Safety and Health	Enhancing Food Safety in Fresh Fruits and Vegetables to Improve Quality of Life and Sustainability Development in Indonesia	This project consists of 2 main activities: (1) Identification of the food safety problems in the field from farmer to market; and (2) Workshop to create the environment of knowledge sharing on food safety. Furthermore, intensive meeting with researchers, decision makers and any stakeholders will be conducted based on the information obtained from the previous stage to formulate further initiatives and initial research collaboration.	Indonesia	7 500,00€

13	Geert Haesaert, Christine Hung Yung	Education/Workshops complemented with value chain research	Plants and Crops, Science/Agricultural Economics	UGent's strategic support on strengthening collaborations and improving potato production in Vietnam	Vietnam's agriculture has undergone a strong transformation in the past few decades but the agricultural sector is still facing important challenges. The potato growing area and the market for potato processed products is rapidly expanding with high expected added-value and the investments and will therefore be the central focus in this project. The skills of the faculty of Bioscience Engineering and the faculty of science will be combined to support the research in relation to crop management and value chain analysis. This project proposal aims to strengthen and promote UGent presence on the Vietnamese academic research scene by using the total value chain of potato (from field to fork) as a tool. We will realize this by organizing several workshops on key topics of the potato value chain which are related to UGent expertise. Belgapom will also be invited to describe the potato processing industry in Belgium (number one worldwide) and to underline the importance of academic research for the sector. Workshops will be organized in Dalat (agricultural center of Vietnam) in cooperation with Dalat university and the Vietnam national university of agriculture (in Hanoi). Topics will be introduced by UGent specialists and followed by a focus discussion including option for joint research. The participants will mainly be academic staff of both Vietnamese universities, staff of local Departments of Agriculture and Rural Development (DARD) and the RGD departments of potato processing industry active in Vietnam, with various possibilities of future collaborations as outcome.	Vietnam	15 000,00€
14	Tim Deprez	Education/Explorative mission	Faculty of Sciences, Biology Department	IMBRSea Global I	IMBRSea Global I aims to identify and establish partnerships with Filipino universities within the IMBRSea framework. These relationships will serve as the foundation for greater inclusion in international education programs and provide a pathway for expanding Filipino marine science programs, educational capacity building, and the development of inter- and intra-national university networks.	Philippines	7 480,00€

PERMANENT CALL CAPACITY BUILDING

	Promoter	Type of Initiative	Department	Title of the Initiative	Abstract	Country	Budget
1	Dewaele, Stijn	Research/Explorative mission for the development of a virtuous proposal + Seminars	Economic Geology and Geomatics Department	Capacity building for a sustainable management of mineral resources in Vietnam	Mineral resources are essential building stones for our everyday life, since they enable modern society to operate and maintain the present quality of life. As a consequence, there is an ever-growing global demand for mineral resources. It is evident that geological and mineralogical knowledge of natural resources is a strategic topic for their sustainable and durable management, especially in developing countries.	Vietnam	7 356,00€
2	Van Rossem, Ronan	Seminars	Department of Sociology	Empowering the PVI's of Cameroon in their quest for jobs and sensitizing proprietors of vocational institutions, family members and employers towards jobs inclusion for PVI's	In total separate seminars shall be organized to accommodate all the four sets of identified stakeholders; principally the PVI's, family members, proprietors of vocational institutions and employers. These seminars shall take place in form of lectures, discussions and training. Day one to four shall be dedicated to the respective stakeholders. Meanwhile day five and above shall be dedicated to the respective institutions targeted for the academic and employment inclusion of persons with visual impairments.	Cameroon	7 500,00€
3	Bannink Mbazzi, Femke	COVID-19 research response	Educational Sciences	Mitigating the impact of COVID-19 on the 'Ubuntu bulamu' project	This project addresses the effects of the COVID-19 outbreak on the implementation of the FWO funded research project 'Ubuntu bulamu', a peer to peer support school intervention to improve inclusion of children with disabilities in regular primary schools in Uganda. We will purchase preventative equipment, facilitate research assistants, and invest in equipment for remote working and data collection.	Uganda	7 400,00€
4	Büscher, Karen	Research	Conflict & Development Studies	Understanding urban protest in a context of war: an ethnographic analysis of 'urban political terrains' in Eastern DRC	This project delves into urban protest in the eastern DRC by employing ethnographic research methods. Specifically, it looks how conflict, violence and urban protest are interrelated in Goma and Bukavu. Planned activities include participant observations, interviews, focus groups with social movements and protest actors. This will take place in cooperation with local researchers.	DR Congo	7 250,00€
5	Cliquet, An	Research	European, public and international law	Legal frameworks for Payment for Ecosystem Services in the Congo Basin as a contribution to sustainable development	Based on doctoral research, a recent book chapter and on recent information on the implementation of payment for ecosystem services and of the UN SDGs in the DR Congo, a book on the legal frameworks for payment for ecosystem services as contribution to sustainable development in the Congo Basin will be written and submitted to the Editions Universitaires Européennes.	DR Congo	6 500,00€
6	De Henaau, Stefaan	Research - PhD	Department of Public health and Primary Care	Integrating health and agriculture services for improved household food security and nutritional status of mothers and children under five years of age	This study aims to investigate whether specific local agricultural interventions can lead to improved household food security, dietary diversification and improved nutritional status in Ethiopian mothers and their young children. Our activities are: Finalization of the study proposal, Ethical approval from UGent and Ethiopia, Development of the database for data collection using RedCap, Preparation for field work activities and Data collection	Ethiopia	7 500,00€
7	Brinkman, Inge	Cape Town's first Cinematheque: a series of screenings to bring rare and rich African cinemas to the people of Cape Town.	African Studies	Project Playback	The Cape Town Biotheque (Its name a nod of respect to the old bioscopes of South Africa) is an experimental project forming part of a master's thesis in African studies through Ghent University. Instead of superimposing European models, the Biotheque is a guerrilla screening experience: screenings can happen in any cracks of the city and attract new audiences for rare African films.	South Africa	7 047,50€

8	Fievez, Veerle	Research/PhD project, Activities with the intention to limit the consequences of the COVID-19 outbreak within a running PhD or research project	Department of Animal Sciences and Aquatic Ecology	ENHANCED ACCEPTANCE OF UNCONVENTIONAL FEED RESOURCES BY RUMINANTS THROUGH NUTRITIONAL INTERVENTION EARLY IN LIFE	In tropical areas, non-conventional forage crops show potential as ruminant feeds, but anti-nutritional factors (ANF) impair their use particularly by young animals. Two approaches are studied to reduce those ANF, i.e. 1/ stimulation of microbial breakdown in the rumen through early life programming by nutritional intervention during pregnancy and pre-weaning and 2/ breakdown in during ensiling of the forages.	Cuba	4 290,00€
69	Boeckx, Pascal	Research, Activities with the intention to limit the consequences of the COVID-19 outbreak within a running PhD or research project	Department of green Chemistry and Technology	FORSEDCO – The impact of particulate erosion of organic nitrogen on its availability in the tropical forest of the Congo Basin. (FNRS reference number: T.0059.18)	Aquatic monitoring sites of the FORSEDCO project in the DRC became mall functioning during the absence of the UGENT researchers during the COVID19-pandemic. In terms to finish fieldwork required for the PhD, additional field campaigns are necessary to re-install spare parts. New local students will be trained to conduct the water and sediment sampling and to maintain the monitoring instruments.	DR Congo	4 100,00€

SHORT RESEARCH STAYS 2020

Promoter	Department	Visitor	Title of the Initiative	Abstract	Country of Residence
1 Jan Nyssen	Geography, Ghent University	Hailemariam Meaza Gebregergs	Write-up of scientific articles from dataset collected in the framework of PhD thesis. Research proposal elaboration: Spatiotemporal runoff characteristics and river morphology changes on the foot of escarpments in northern Ethiopia.	In northern Ethiopia, mountain streams drain to lowland agricultural areas. The objective of the project will be to explore the runoff characteristics and river morphology dynamics at various temporal and spatial scales. Historical aerial photographs, optically stimulated luminescence dating and carbon dating and other measurements will be used to address the main objectives. We hypothesise that the river channels have rapidly increased due to headwater deforestation leading to strong flash floods. Besides, change of rainfall patterns along the escarpments with a lot of orographic rains will be expected in the area.	Ethiopia
2 Joseph Wout	Information Technology	Rodney Martinez Alonso	Prospective TEAM Project Proposal: Internet4Cuba: Cost-effective wireless broadband internet for Cuban people.	Cuba is one of the countries with the lowest internet access and access affordability. This short research stay aims to jointly prepare a TEAM project proposal for tackling the key technological and capacity building related obstacles, for providing country-wide internet connectivity for Cuban people and reducing the connectivity gap between rural and urban areas	Cuba
3 Peter Gichangi	Department of Public Health and Primary Care	Mutea Lilian	Evaluating the effectiveness of a combined approach towards improving utilization of Adolescent Sexual Reproductive Health Services in Kenya	Improved utilization of sexual reproductive health (SRH) services enables adolescents to avoid unplanned pregnancies, prevent HIV and sexually transmitted infections which hinder education and economic opportunities. The study will evaluate the use of combined approaches for increasing use of Adolescent SRH (ASRH) services in Kenya. The results will inform policies and strategies that can increase utilization of ASRH services in Kenya.	Kenya
4 Godelieve Gheysen	Biotechnology	MichealeYifter Weldemichael	Genetic improvement of Sesame (Sesamum indicum L.) through molecular breeding	This proposal aims to review literature and to develop a PhD-project proposal to improve the yield of sesame through molecular breeding. Functional genomics on most important agronomic traits (shattering resistance, disease and pest resistance, oil quality, herbicide tolerance and drought tolerance) and molecular breeding will be reviewed and studied.	Ethiopia
5 Eva Lievens	Department of Interdisciplinary Study of Law, Private Law & Business Law, Research group Law & Technology	Yohannes Ayalew	Gender norms on the internet through the lens of freedom of expression and other human rights in Ethiopia	The proposed research project aims unpack the interplay between gender norms, freedom of expression, including internet freedom, and the rights to health, non-discrimination and privacy from an international human rights perspective within the Ethiopian legal and societal context. The SRS will contribute to a refinement of a PhD proposal on this topic and the drafting of an article on a working definition of gender norms from a legal perspective.	Ethiopia
6 Ronan Van Rossem	Sociology	Musa Alokpo Dieudonné	Vocational training and youth empowerment in the context of poverty and employment crisis.	In a context of poverty, deschooling and unemployment, vocational training proves to be an opportunity for young people to acquire skills which gives them the possibility of selfemployment and to experience social emancipation. The practice of a professional occupation gives them economic autonomy and the ability to participate in the development efforts of their community for a collective well-being.	DR Congo
7 Jan Nyssen	Geography	Gebrekidan Hanibat Lemma	Revising sediment budget of Lake Tana	Lake sedimentation is a serious problem worldwide and has severe implications for water management and aquatic productivity. Studying spatiotemporal variations in erosion, sediment transport and sedimentation is therefore essential to contribute to the academic understanding of erosion and sediment dynamics, to stimulate land managers to undertake mitigation measures, and further to ensure sustainable water resource development and protecting aquatic ecosystems.	Ethiopia
8 Katleen RAES	Food Technology, Health and Safety	Phuong Hong LE	Formulation of GABA-enhanced soymilk through fermentation	GABA is an amino acid playing a role as an inhibitory neurotransmitter in mammals. GABA is mostly accumulated in germinated seeds or in food products fermented by microorganisms. The project aims to formulate a GABA-enriched fermented germinated soymilk and study the stability of GABA in GABA-enhanced soymilk during food processing.	Vietnam
9 Werbrouck Stefaan	Plants & Crops	Nana Rasmata	Biotechnology of Okra: Paving the way for CRISPR/Cas	Okra plays a key fruit crop in Africa. We want to prepare a genome editing project for increasing its tolerance against biotic and abiotic stress. This includes developing in vitro shoot regeneration and genetic transformation with a GFP reporter gene. The genome of okra will be explored to mine candidate genes and to design CRISPR/CAS constructs.	Burkina Faso(West-Afrika)
10 Veerle Van Eetvelde	Geography	Zbelo Tesfamariam Welemariam	Writing scientific articles for publication from dataset collected in the framework of PhD dissertation (finished January 2019). Post doc research proposal preparation: Soil and water conservation induced landscape change and livelihood of communities in northern Ethiopia.	Landscapes of northern Ethiopia have been under constant change due to natural and anthropogenic activities. The overall objective of the current project will be to examine the impact of soil and water conservation activities on landscape change; investigate the impact of landscape change on livelihoods of the communities. Satellite imageries, historical aerial photographs, household survey assessment will be used to meet the objectives of the project. It is hypothesised that land rehabilitation activities through soil and water conservation activities have dramatically changed the landscape of the areas which in turn brought about a change on the livelihood of the communities.	Ethiopia

11	Kristine Walraevens	Geology, Laboratory for Applied Geology and Hydrogeology	Demesew Mhret	Impact of topography on hydrological response/heterogeneity in the sub humid Ethiopian highlands	In the humid Ethiopian highlands, the impact of topography on hydrological responses/heterogeneity has not been well researched. This study is intended to understand the impact of topographic positions on the hydrological response of the Debre Mawi watershed. Experiments were conducted in the rainy season of 2017 and 2018. Ground water table depth, saturated hydraulic conductivity and surface runoff were monitored.	Ethiopia
12	Sarah Van Leuven	Communication Sciences	Asaah Ndah Asongwed	A Comparative Analysis of Gender Representations in Sub-Saharan Africa's News Media	This research project finds itself at the crossroads of two disciplines: media studies and gender/feminist studies. Through a comparative content analysis of newspapers in four countries, the paper will shed light on the (un)equal representation of men and women in newspaper content, leading to a theory-based framework to define the social construction of men and women in African newspapers.	Ivory Coast (West Africa)
13	Kristien Michiels	Department of Public Health and Primary Care	Susan Babirye	Supporting on-going PhD study and facilitating collaborations between Ghent University and Makerere University, Uganda	Young people working in socializing venues (YWSV) are disproportionately affected by HIV. The PhD study aims to analyze the institutions of socializing venues and how these shape HIV vulnerability to inform HIV prevention efforts. During the SRS, the student will analyze qualitative data, write a paper, attend courses and liaise with department staff to identify opportunities for UDC.	Uganda
14	Kristien Michiels	Department of Public Health and Primary Care	Joyce Omwoha	The intricacy of adolescent contraception policy as depicted and portrayed in the Kenyan media	Empowering adolescents to prevent unintended pregnancy is tantamount to population health, poverty alleviation, and sustainable development. This project will examine how the Kenyan media frames the Reproductive Health and Care Bill 2014 and adolescent contraception in order to generate political, societal and religious support, and how the media report on access, myths, misconception and stigma surrounding adolescent contraception.	Kenyan
15	Filip Van Bockstaele	Food Safety and Food quality	Viet Nguyen	Structuring vegetable oils for improved functionality and nutrition	Vietnam has a long history in using lard fat as the main source for cooking. Due to the negative impacts of lard fat to consumer health, it is increasingly replaced by vegetable oils. This SRS project aims at finalizing a PhD project investigating the design of palm-based fat blends as substitutes for lard and targeting improved functionality and nutrition.	Vietnam
16	Olivier Degomme	Public Health & Primary Care	Maria Verónica Espinosa-Serrano	Curbing teenage pregnancy in Ecuador: An interrupted time series analysis of two policy approaches	In 2011, Ecuadorian policy makers introduced a rights-based policy providing contraceptives to adolescents to reduce the high teen pregnancy rate. In 2014, the policy was reformed and funding for contraceptives was cut. This project tests the impact of this policy change on teenage pregnancy rates through an interrupted time series analysis (the strongest quasi experimental design) of data over 10 years.	Ecuador
17	Jan Desmet	Department of Electrical Energy, Metals, Mechanical Construction & Systems	Mutugeta Gebrehiwot Gebremichael	The Role of Renewable Energy Sources and Battery Technology for Sustainable Electric Mobility	BEVs cannot be taken as standalone technologies in mitigating GHG emissions. Rather, the research in EVs should be accompanied with continued effort in increasing share of renewables. Of course, mass deployment of EVs is also highly dependent on maturity of battery technology. This research will deal with the role of renewable energy sources and battery technologies in sustainable electric mobility.	Ethiopia

SENSITIZING EVENTS 2020

Promoter	Type of Initiative	Department	Title of the Initiative	Abstract	Budget
1 Residiwati, Gretania Tuska, Habib Syaiful Arif Prof. Dr. Ann Van Soom / Prof. Dr. Geert Opsomer	WORKSHOP AND EXHIBITION	Veterinary Faculty, Ghent University.	Paradise of Indonesia	Paradise of Indonesia is a one day- event featuring the exotic animals and cultures of Indonesia so that European communities can take a closer look at several Indonesian's indigenous bio diversities. It comprises several activities, namely a guest lecture from Borneo Orangutan Survival Foundation about the school and the rescue action to protect Orangutans living in Kalimantan Indonesia, a short presentation about exotics animals in Indonesia, exhibition of Indonesian exotic animals of some islands and a tour guide to the animal morphology museum of the Veterinary Faculty, Ghent University. The event will be opened by the traditional dance of Indonesia (Balinese / Javanese dance) then continued with the lecture and	3 500,00€
2 Paulissen, Stijn Roussette, Rémy Ledegen, Ismene	3-day simulation of the United Nations and its institutions, with training of debating, public speaking, networking, ... (Workshops, training and smaller sensitizing events)		Ghent Model United Nations (short: GhentMUN)	The GhentMUN project is an initiative by students from Ghent University who want to help build a sustainable event about sustainability in the international world of the Model United Nations. The main focus is the educational diplomacy simulation and academic activities in which students can learn about diplomacy, international relations, the Sustainable Development Goals (SDGs) and the United Nations. The goal of the project is to train and help students around the globe (with a focus on students from Ghent) in debating about the main topics of the United Nations, which include human rights, sustainable development goals, health... This will be realised by training the participants during the semester in cooperation with the United Nations Youth Associations (such as VVN Youth). The end goal is to have constructive and prepared debates during the GhentMUN conference about these subjects, accompanied with sustainable social events during the entire weekend.	3 500,00€
3 Pehudoff, Katrina Post-doc	Webinars (x4)	ICRH	Decolonising Global Health Research	ICRH Belgium at Ghent University and the School of Public Health at University of the Western Cape (South Africa) will organise a 4-part webinar series about Decolonising Global Health Research. With the collaboration of the UGent-led ANSER, UGent's CESSMIR (invited, to be confirmed), Women in Global Health, and the Centre for Global Health at the University of Toronto, the series will explore the fields of access to medicines, migration, sexual and reproductive health, and gender. Targeting a wide audience, the webinars will bring a mix of theoretical background about the decolonisation movement, stories and experiences from the field, and practical advice for anyone working in global health research. This webinar series will expand access to this important debate by taking it live to an international, online audience, making the video recordings available online, sharing the main outcomes of each webinar on blogs with a wide readership, and contributing to the academic conversation through a commentary article published in a top public health journal.	3 500,00€
4 Annelies Verdoolaeye	Student Conference	ISHA Ghent	ISHA Annual Conference "Power Structures, Colonialism & Imperialism throughout History"	The conference is centred around "Power Structures, Colonialism & Imperialism throughout History" and engages local and international students to participate in the public debate through innovative forms of education and knowledge sharing. More than 80 international students with a shared passion for history will travel to Ghent and work with local students to break down preconceptions on colonialism and imperialism and their legacy today, to broaden their perspectives and build bridges across cultures. The conference consists of academic lectures, debates, conferences, educational workshops as well as social activities such as city walks and cultural markets.	3 500,00€

5	Dr. Femke Bannink Mbazzi	Lecture and debate	Ghent University & MRC/IJRI & LSHTM Uganda Research Unit	'Ubuntu bulamu' – participation in the disability inclusion video presentation at the DocAfrica Film Festival Ghent by Belgian and Ugandan academics	This initiative will invite 3 academics from Uganda to present the video documentary 'Ubuntu bulamu, a peer to peer support model for disability inclusion in Uganda', at the Africa Documentary Film Festival in Ghent in November 2020. It will raise awareness about challenges in developing countries, and existing North-South projects among the Ghent University community in collaboration with Belgian and Ugandan stakeholders. Through presentations, documentary display, and discussions focused on challenges and opportunities in implementing SDG4 in Uganda by academics and persons working in development cooperation in the Global South we will build development cooperation capacity at Ghent University.	3 500,00€
6	Nyssen Jan	Debate afternoon	UGent, Department of Geography	Is there a role for voluntary carbon projects as part of the climate mitigation strategy of Ghent University? A crucial debate just before COP26 with field experts from Belgium and Ethiopia	Since the signing of the Paris Agreement, the climate policy landscape provides new opportunities and responsibilities for different kinds of organisations, including universities. New international finance mechanisms for nature-based carbon sequestration may assist communities across the world to manage their natural resources more sustainably, while mitigating the worst effects of climate change. This debate afternoon will focus on the usefulness of voluntary carbon projects for supporting the climate mitigation strategy of Ghent University, by showcasing the Belgo-Ethiopian EthioTrees project, and scrutinize under which conditions the voluntary carbon market could boost the University climate targets. The debate is organized before the crucial COP26 UN climate summit in Glasgow, which will be the final opportunity for countries to agree on the rulebook for the Paris Agreement's market-based Article 6. During the discussion sessions, university staff, Ethiopian field experts and critics will enter the debate, in order to issue a joint recommendation for Ghent University's climate policy.	3 500,00€