

**UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION**  
**International Coordinating Council of the Man and the Biosphere (MAB) Programme**  
Twenty-eighth session

**Lima, Peru**  
18 – 19 March 2016

**ITEM 8 OF THE PROVISIONAL AGENDA: MAB YOUNG SCIENTIST AWARD SCHEME**

1. The MAB Secretariat through the respective MAB National Committees and National Commissions for UNESCO received forty-six (46) eligible applications from thirty-one (31) countries. The Bureau of the MAB Council will review the applications received and select the six (6) winners of the 2016 MAB Young Scientists Awards funded by UNESCO. Below is the list of applicants and their proposed research topics.

2. The MAB Council is invited to consider endorsing the award winners as selected by the Bureau of the ICC.

Country	Name of Applicant	Title of Research
Algeria	Mr. Belarbi ZOHIR	Patrimoine Mondial de l'UNESCO: Compactibilité entre la préservation et la fréquentation touristique
Bulgaria	Ms. Daniela AVETISYAN	Building a database of biosphere reserve "Tehuprene" as a basis for establishment of Biosphere Reserve Park "West Stara Planina"
Bulgaria	Ms. Ina ANEVA	Conservation and sustainable management of medicinal plants in tow biosphere reserves in Pirin and Slavyanka Mountains - South western Bulgaria
Cameroun	Mr. Zacharie MFONKA	Hydrodynamique et vulnérabilité des nappes en zone de socle fissure et altère: cas du bassin versant du Nchi dans le plateau Bamoun (Ouest-Cameroun)
Cameroun	Mr. Julien Brice FOTIO	Impact de l'écotourisme sur le développement des populations locales, à la conservation des écosystèmes et de la biodiversité des aires protégées cas du parc de Lobeke
Central African Republic	Mr. Freddy Patrick SANZE DARAMO	Conservation des savoir-faire locaux de population autochtones des aires protégées de Dzanga Aoki Cas de "Gota en RCA"
Central African Republic	Ms Olivia SEMBOLI	Déterminants anthropiques de la biodiversité végétale et des successions écologiques en forêt dense de Centrafrique
Chile (Germany)	Mr Elke SCHUTTLER	Monitoring free-ranging domestic cat predation with pet's eye view cameras in one of the last wilderness areas of the world: the pristine Cape Horn Biosphere Reserve
Comoros (Union of the)	Mr. Mirhani NOURDDINE	Modélisation des dynamiques d'évolutions de mangroves d'Anjouan et de Mohéli pour une gestion efficiente
Croatia	Ms Anja ZMEGAC	Long term ecological monitoring in old growth forest reserve in Velebit Mountain Biosphere Reserve with re-use of monitoring plots established in 1981 within the MAB Programme in Croatia
Egypt	Mr. Saber ABDULLAH	Detailed molecular, morphological and bioorganic analyses of the new species Cloniophora sp. nov.(Cloniophoraceae, Ulvales) at Wadi El-Rayan Protected Area, Egypt
Egypt	Ms. Marwa HALMY	Impact of human activities on the viability of the critically endangered Medemia argun populations in Egypt
Ghana	Mr. Ebenezer AGYIN	Investigation of Phytoplankton biodiversity in the Songor Lagoon within the Songor Biosphere Reserve of Ghana

Ghana	Mr. Thomas GYIMAH	Being smart in a changing climate: the case of Songor Biosphere Reserve and its catchment area
Guinée	Ms Fatimatou SOW	Evaluation de la pollution chimique et bactériologique des eaux de la réserve de biosphère du Haut Niger
Guinée	Mr. Thierno Mohamed KEITA	Analyse de la vulnérabilité et stratégies d'aptation au changement climatique des communautés riveraines de la réserve de Biosphère du Badiar
Indonesia	Ms. Adeline Tiffanie SUWANA	Bromo Tengger Semeru-Arjuno Biosphere Reserve: a role model for biodiversity, natural resources, tourist destination, green economy, mutual partnership, sustainable development by empowering local communities
Iran	Mr. Mohammad POURGHASEM	Assessment and enhancement of the capacity of local communities to reinforce their roles in controlling fires in Golestan Biosphere Reserve
Iran	Ms. Najmeh DARYACI	Designing Comprehensive Pattern of Sustainable Ecotourism in the Miankaleh Biosphere Reserve
Japan	Mr. Toshinori TANAKA	Comparative analysis of the governance structure in Japan's biosphere reserves: perspective from transboundary and multilevel characteristics
Kenya	Mr. Eric Mwangi NJOROGE	Impacts of climate change on hydrological regime and water resource management of the Amboseli-Kilimanjaro ecosystem complex
Kenya	Mr. Frederic TAMOOH	Soil carbon pool in mangroves of Kiunga Marine Biosphere Reserve
Madagascar	Mr. Ricardo Ratsimba ANDRIATSIARONANDROY	Caractérisation et suivi des dynamiques d'évolution des mangroves de la réserve de biosphère du littoral de Toliara - Madagascar
Malaysia	Mr. Hayyan ADEEB	Assessment of yield and physical properties of oil extracted from conventional plant seeds available in Croker Range Biosphere Reserve via sono-energy for potential environmental applications
Malaysia	Mr. Md Ajat MOHD MOKRISH	Assessment of zoonotic disease awareness in primary and secondary schools students in Malaysia
Mali	Mr. Brehima KANTE	Caractérisation des services écosystémiques dans la zone de transition de la réserve de faune de Fina au Mali
Mali	Mr. Mamadou Mohamed FOFANA	Installation illicite de Hameaux de culture dans la réserve de faune de Badinko
Morocco	Mr. Said EL MRABET	Capitalisation du travail de recherche sur la mycorhization d'arganier et évaluation de l'effet de trois doses d'inoculum mycorhizien (à 5% , 15% et 25%) sur le développement des jeunes plants d'arganier au stade pépinière et sur le terrain

Portugal	Ms. Claudia Sofia FERNANDES NETO FLORENCIO	Kruger to Canyons Biosphere Reserve as learning sites for sustainable development. The role of adaptive governance features in aligning biodiversity conservation with stakeholder needs
Romania	Mr. Claudiu Constantin MANOLE	Analytical insight of an unseen universe: soil element and their contribution to life sustainability in Danube Delta Biosphere Reserve - a view at nanoscale and below
Romania	Mr. Constantin Gheorghe CERBU	Establishing the Danube salmon ( <i>Hucho hucho</i> ) paradigm in the context of anthropogenic and infectious pressure
Russia	Ms Anna YACHMENNKOVA	Study of infectious diseases of red fox ( <i>Vulpes vulpes</i> ) as one of key carnivore animals in tundra ecosystems at the territory of Kronotsky Biosphere Reserve.
Senegal	Mr. Momadou SOW	Etude de la dynamique de l'occupation des zones des cultures dans l'aire périphérique de la Reserve de Biosphere du Niokola Koba et modélisation de leur impact potentiel sur la zone tampon
Senegal	Mr. Issa DIEDHIOU	Utilisation des variétés locales des sésames tolérantes au sel dans les zones du Delta du Saloum fragilisées par la salinité et par les effets du changement climatique
Serbia	Mr. Milivoje KRVAVAC	High Rainforest canopy of Sri Lanka as reservoir of undescribed species
Sri Lanka	Mr. Batuwita Acharige SUDESH GRESHANA	Assessment of freshwater fish diversity in the Kanneliya-Dediyagala-Nakiyadeniya Man and the Biosphere
Sri Lanka	Mr. Gehan JAYASURIYA	Seed storage behaviour of twenty selected rainforest species from Sinharaja MAB Reserve in Sri Lanka towards conservation of biodiversity
Syria	Mr. Hayyan ADEEB	Assessment of yield and physical properties of oil extracted from conventional plant seed available in Crocker Range Biosphere Reserve via sono energy for potential environmental applications
Tchad	Mr. Jean OLBOM	Structure d'une espèce a usage multiple, le karité ( <i>Vitellaria paradoxa Gaertn.f.</i> ) dans la région de la Tandjile au sud du Tchad
Thailand	Ms. Disaorn AITTHIARIYASUNTHON	Gender role in Ranong Biosphere Reserve management
Togo	Mr. Yawo KONKO	Apporte de l'approche systémique et intégrée à l'analyse de la gouvernance de ressources naturelles au Togo: Cas de la Reserve de Biosphere d'Oti-Keran/Oti-Mandouri
Togo	Mr. Titati Bassouo N'TIE	Rôle de Lépidoptères pollinisateurs dans le maintien de la biodiversité de la Foret classée de Missahoe (FCM)

Uzbekistan	Ms. Nilufar MAMADALIEVA	The genus <i>Lagochilus</i> (Lamiaceae): important medicinal plants from Chaktal Biosphere Reserve
Uzbekistan	Ms. Mamlakat DJABBAROVA	The study of morpho-biology of medicinal plants <i>Thermopsis alterniflora</i> Regel and Schmalh (Fabaceae Lindl.) and developing of agriculture technology in crop cultural condition of Ugam Chaktal National Park
Viet Nam	Mr. Duc Anh NGUYEN	Biodiversity inventory of soil organisms (earthworms, land snails, centipedes and millipedes) in Cat Ba Biosphere Reserve, Vietnam
Viet Nam	Mr. Pham Tien DAT	Marine payment for ecosystem services for Mangrove Conservation in Cat Ba National Park, Vietnam: A willingness to pay on the conservation programs.