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**UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION**  
**International Co-ordinating Council of the Man and the Biosphere (MAB) Programme**

Thirty-second session

**Online session**

27 - 28 October 2020

**ITEM 10 OF THE PROVISIONAL AGENDA: MAB YOUNG SCIENTISTS AWARDS**

**Selection of MAB Young Scientists Awards (MAB YSA)**

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 (Annex 1), twenty-five (25) of the applicants were women.
2. In accordance with the revised criteria and conditions for the MAB Young Scientist Awards (MAB YSA) approved by the 29<sup>th</sup> session of MAB-ICC the Bureau of the MAB Council will review the applications received and select the six (6) winners of the 2020 MAB Young Scientists Awards funded by UNESCO.
3. The MAB Council is invited to consider endorsing the six award winners as selected by the Bureau of the ICC.

**ANNEX 1: List of Eligible Applicants for the 2020 MAB Young Scientists Awards**

	Country	Candidate		Gender	Title of study
1	Algeria	GOUAICH	Yacine	M	A novel sustainable approach of ecotourism model in the Gouraya UNESCO Biosphere Reserve, Algeria
2		KERBOUA	Kaouther	F	Technical development of the buffer and transition zones of the lacustrine basin of El Kala in a sustainability perspective: anthropic activity-remediation-prevention adequacy
3	Argentina	DI GIUSEPPE	Agustina	F	Coexistence between small and medium livestock producers and pumas in the Monte: the case of the Ñacuñan biosphere Reserve (Mendoza, Argentina)
4		BROWN	Lucia	F	Manufacture of a natural repellent based on Yacon ( <i>Smallanthus sonchifolius</i> ) for mosquito control in the Yungas Biosphere Reserve
5	Azerbaijan	HUSEYNOVA	Gulnara	F	Reduction of negative factors affecting biodiversity actions
6		ISMAYILZADA	Intizar	F	The molecular biology studies of the polymorphism of crustaceans in the Azerbaijani sector of the Caspian Sea
7	Belarus	RAK	Aliaksandr	M	Ospreyas a flagship species on the marshes of Berezinsky biosphere reserve
8	Benin	HOUNGBEDJI	Mariano	M	Mitigate wildlife-human conflicts in the Mono Transboundary Biosphere Reserve: a tailored education and outreach program toward the sustainable conservation of threatened primates
9		DEGBELO	Finagnon Galvius	M	Building local capacity to sustain African elephant conservation in the W Transboundary Biosphere Reserve in Benin
10	Botswana	MOKOKWE	Gobusaone	M	Simultaneous removal of phosphorus and toxic heavy metals from sewage effluents discharged into wetlands of Glen Valley using reactive red brickwaste as adsorbent
11	Bulgaria	TOSHKOVA	Nia	F	Bat abundance on Vitosha mountain: extreme weather events and bark beetle outbreak
12		ANDONOVA	Mila	F	Conifers through Time: an archaeo- and ethnobotanical approach towards the consumption of coniferous wood from ancient Serdica during the antiquity (4-5c. AD) to contemporary Bistrishko Branishte Biosphere Reserve (West Bulgaria)
13	Colombia	LOPEZ	Aristides	M	Analysis of the response of the waterfowl community to climate variability in the Ciénaga Grande de Santa Marta Biosphere Reserve
14	Côte d'Ivoire	ANIEN	Ghislaine	F	Caractéristiques de quelques paramètres faunistiques et identification des sites écotouristiques pilotes et communautaires de la Réserve de Biosphère de la Comoé pour le développement du tourisme
15		KOUADIO	Koffi n'Zian didier Baudoin	M	Impact du changement climatique sur les communautés de Chauves-souris de la Réserve intégrale du Mont Nimba (Ouest de la Côte d'Ivoire)
	Country	Candidate		Gender	Title of study

16	<b>Cuba</b>	CABRERA GUERRA	Delmis	F	Temporal variation in herbivorous fish assemblage (Acanthuridae and Scaridae) and algae control in two Marine Protected Areas in the Cuban west
17		DELFIN DE LEON	Sandra	F	Farming, propagation and assisted reproduction of stony corals for the study of reef restoration in Cuba
18	<b>Egypt</b>	ABDEL-FATAH	Ahmed	M	Phyto-synthesis of zero-valent iron nanoparticles for ground water treatment. Case study, Wadi El-Gemal Protectorate, a potential biosphere reserve, Egypt
19		NAIEL	Bassant	F	Exploring the potentialities of salt marshes plants of the northwestern Mediterranean coast of Egypt for the green synthesis of nanoparticles, with special reference of those of Omayed Biosphere Reserve (OBR)
20	<b>Gambia</b>	SOWE	Modou A.	M	Assessment of the Socioeconomic and environmental significance of Baobolong Wetland Reserve in the Gambia
21	<b>Guinea Rep</b>	KEITA	Thierno Mohamed	M	Analyse chimique et bactériologique des eaux de la réserve de biosphère du Badiar, préfecture de Koundara, République de Guinée
22	<b>Indonesia</b>	PRAPTIWI	Radisti Ayu	F	Understanding the impact of climate change to cultural ecosystem services in tropical marine biosphere reserve Taka Bonerate Kepulauan Selayar
23	<b>Iran</b>	REZAIIE-ATAGHOLIPOUR	Mohsen	M	Investigating microplastic ingestion in commercially important fishes of largest mangrove stand in the Persian Gulf: does Hara Biosphere Reserve yield healthy seafood?
24		WEISANY	Weria	M	Using nanotechnology and organic matters for plant pathogens control as alternative to chemical pesticides: emerging trends and environmentally friendly strategy
25	<b>Kazakhstan</b>	AMANGELDI	Alma	F	Study of biodiversity and biotechnological potential of Sivers apple tree <i>Malus sieversii</i> microflora in Biosphere Reserve Zhongar
26		ILINA	Viktoriya	F	Conservation status of the rare, endemic and threatened species of birds of South and Est Kazakhstan on the base of Aksu-Zhabagly and Alakol Biosphere Reserves (with comparative analyze of national legislation on biodiversity conservation of Kazakhstan and Central Asia countries)
27	<b>Kenya</b>	MOSOMTAI	Gladys	F	Implication of global warming of 1.5 and 2.0 degrees celcius on coffee pest ( <i>Antestia</i> bug) distribution and range shifts of Arabica coffee production zone in Mount Kenya region, Kenya
28		TUBMAN	Lucky	F	Assessment of Unsustainable practices on the conservation of Mount Elgon Biosphere Reserve
29	<b>Madagascar</b>	RASOANAIVO	Niry Solofonianja	F	Connaissance des ressources végétales sauvages et valorisation des espèces sauvages comestibles our assurer une alimentation durable dans la réserve de biosphère de Tsimanampetsotse-Nosy Ve Androka, Région Sud-Ouest Madagascar
30	<b>Mali</b>	AG AHMED	Elmahmoud	M	Gestion des aires protégées et développement de l'écotourisme dans la Réserve de biosphère de la Boucle du Baoulé au Mali
	<b>Country</b>	<b>Candidate</b>		<b>Gender</b>	<b>Title of study</b>

31	<b>Mexico</b>	HERNANDEZ VALDEZ	Sandra Daniela	F	Interdisciplinary participatory assessment of the established restoration project on the resilience of socio-ecological states in the context of climate change: a case study in the Mapimí Biosphere Reserve
32	<b>Mongolia</b>	BULGAN	Odmaa	F	Hydroclimatic fluctuation in eastern Mongolia inferred from changes in Khukh lake area and weathering intensity comparing with Lake Yakhi sediment
33	<b>Morocco</b>	ALIATE	Redouane	M	Le risque de changement climatique versus actions anthropiques dans le développement des processus de déforestation et dégradation de l'écosystème dans la Réserve de biosphère d'arganier : quel devenir pour les forêts de la plaine
34		EL GHAZALI	Hamza	M	Transplantation d'arganiers adultes : techniques de préparation et de conduite
35	<b>Nigeria</b>	ADEYEMI	Opeyemi	M	Assessing and mapping communities' preferences for ecosystem services in Omo Biosphere Reserve, Nigeria: an approach to enhance sustainable management of Biosphere Reserve and promote people's livelihood
36		FALEMARA	Babajide Charles	M	Economic valuation of tropical tree species and soil carbon sequestration potential as ecosystem services in the context of climate change in the core, buffer and transition zones of Omo biosphere reserve
37	<b>Philippines</b>	THIERRY DE VILLE D'AVRAY	Laure	F	The Influence of artificial reefs on fish communities and their potential socio-economic benefits. A study in Palawan Biosphere Reserve (Philippines)
38		ALESSI	Cinzia	F	Corals living in the mangroves might bring out a solution of adaptation to the upcoming climate change
39	<b>Romania</b>	GANEA	Iolanda-Veronica	F	Designing efficient strategies for the implementation of an ecotourism network in Sfântu Gheorghe Channel area of the Danube Delta Biosphere Reserve
40	<b>Russia</b>	IVANOVA	Natalya	F	Data mobilization for biodiversity monitoring of the Prioksko-Terrasnyi Biosphere Reserve
41	<b>Sri Lanka</b>	ELEPATHAGE	Thushani Suleka Madhubhashini	F	Mangrove cover and penthic fauna relationship in the mangrove covers from the North Wesern to Southern area of Sri Lanka
42	<b>Trinidad and Tobago</b>	FANOVICH	Lanya	F	An assessment of the Substrate composition of Coral reef sites within the proposed north east Tobago Man and Biosphere Reserve
43	<b>Uzbekistan</b>	GAFURDJANOV	Bobur	M	Application of advanced technologies for monitoring and sustainable management of plant communities in protected areas
44	<b>Vietnam</b>	BUI	Thanh Tung	M	Conservation of endangered Indochinese gray langur ( <i>Trachipithecus crepusculus</i> ) in Pu Hoat Nature Reserve, Western Nghe An Biosphere Reserve, Vietnam
45		TRAN	Van Sang	M	Conservation of wild birds in Tien Hai Wetland Nature Reserve, the Red River Delta Biosphere Reserve, Vietnam
46	<b>Zimbabwe</b>	MADZIVANZIRA	Takudzwa Comfort	M	Evaluating and predicting impacts of the Australian redclaw crayfish <i>Cherax quadricarinatus</i> in the middle Zambezi System