27th ANNUAL CONFERENCE
UNDER THE DISTINGUISHED PATRONAGE OF THE RECTOR

THEME: “Efficient Management of Bioresources for Human Wellbeing”

BIO SCIENCES
DOUALA 2020

VENUE
The University of Douala, Cameroon
December 1st—5th, 2020

First Announcement and Call for Abstracts
www.camerounbiosciences.org
INVITATION AND WELCOME

It is with immense delight that we proudly invite you to the 27th Annual Conference of the Cameroon Bio-science Society (CBS) (Bioscience 2020), to be held at the University of Douala, from December 1st - 5th, 2020. The theme of the conference is “Efficient Management of Bioresources for Human Wellbeing”, as Bioscience 2020 aims to bring together leading academics, industrialists, research scientists, students and policy-makers from Cameroon and abroad to exchange and share their knowledge, experiences and research results across multiple aspects of Bioscience, with emphasis on the harnessing of bioresources for the alleviation of famine and poverty, as well as improvement of human health. The conference, which will involve motivating Plenary Lectures, Invited Talks, Oral (online / in-situ) and Poster Presentations, MOOCs, Moovies, would be preceded by two-day training workshops on topical issues.

Among the constituents of wellbeing, bioethics, sufficient nutritious foods, adequate livelihoods and good health are of paramount importance. Research has shown that people leaving in poverty are also subjected to inadequate and less nutritious foods and have disproportionately worse health outcomes. As a corollary, hunger, poverty and poor health are incompatible with human wellbeing, and in turn, retard the development of a nation. Bioresources could enhance human wellbeing, but their production, conservation, storage, transformation, commercialization, etc. need to be done in a sustainable manner. With an ethical approach, they can reduce famine, alleviate poverty and enhance the health status of the community.

The diversity of bioresources provide us with a number of essential natural services (“ecosystem services”) — such as soil fertility, food production, climate regulation, carbon storage — that are the foundation of human wellbeing. Ecosystem services can shape the development paths of a country, region, or locality — e.g. whether it chooses to pursue agriculture, timber production, fishing, tourism or any combination of these or other productive sectors. Bioresources could provide sufficient nutritious foods, through primary production and transformation, alleviate poverty by the commercialization of primary and secondary products, as well as boost health of individuals through the above two. Across the planet, biodiversity is being eroded and caused by human activities.

The COVID-19 pandemics has boosted the global change already marked in the last century with novel communications and biotechnological tools. It is thus, time that we as professional scientists, researchers and students through the colossal and sustainable research activity carried out under challenging circumstances congregate in the presence of other stakeholders like policy-makers, mass media business managers, to package our results with the goal of contributing to the efficient management of bioresources for human wellbeing. We are fully convinced that Bioscience 2020, to be held in Douala, the economic capital of Cameroon and located next to River Wouri, Rio dos Camarões (River of Shrimps), would provide the ideal platform come December.

We look forward to welcoming you in Douala.
Pô la bwam!
Malo malam!

Prof. G. Leopold LEHMAN
President of LOC

Prof. Elias N. NUKENINE
President of CBS
SUB-THEMES OF THE CONFERENCE

TRACK 1: FOOD AND AGRICULTURE
- Crop protection, botanical pesticides and plant production
- Fisheries, aquaculture and animal production
- Beekeeping and pollination
- Organic soil fertility management
- Food and agricultural modelling
- Postharvest issues and processed plant and animal products

TRACK 2: HEALTH AND NUTRITION
- COVID-19, Emerging, neglected, infectious and non-transmissible diseases
- Medicinal plants, natural substances and bioactivity (parasites, vectors and diseases)
- Food systems and metabolic disorders
- Nutrition in disease prevention and treatment
- Products development
- Pharmaceuticals and cosmetics

TRACK 3: ENVIRONMENT AND FORESTRY
- Timber and non timber forest products
- Biodiversity, climate change and environmental degradation
- Biofuels and renewable biomass
- Anthropisation of ecosystems and ecosystem services
- Intensification of carbon sequestration in natural ecosystems
- Forest economics

TRACK 4: NOVEL TECHNOLOGIES AND BIOSCIENCE
- Biotechnologies, Computational biology, Communication and imaging, Web design, Biometrics, Biotracing

PRE-CONFERENCE WORKSHOPS
1. Geographic Information Systems
2. Artworks science engineering
3. Scientific writing
Participations to each workshop require a preliminary registration to be clarified in a separate announcement.

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NATURE OF THE CONFERENCE
The conference programme includes: Workshop, Symposia, Oral sessions, Poster sessions and contests, MOOCs, Moovies, Excursions, etc...
Participants are invited to submit abstracts under any of the tracks/ sub-themes of the conference.
- The abstract must contain a maximum of 250 words, character: Times New Roman, Size: 12, all margins: 1 inch
- The abstract must be written in English or French
- The abstract should be submitted directly through the website www.camerounbiosciences.org and by email to three persons: tchamenis@yahoo.fr, peffa@yahoo.fr and tofelhama@yahoo.fr
- Abstract will be selected by the scientific committee for oral or poster presentation
- The deadline for abstract submission is September 30th, 2020
- The full paper or extended abstract (Maximum 6 pages, A4, Character: Times New Roman, Size: 12, All margins: 1 inch) of accepted abstracts from delegates and students who have paid both the membership dues and Conference registration fees, should be submitted latest November 25th, 2020 at www.camerounbiosciences.org, where a paper template could be downloaded

PRELIMINARY PROGRAMME

| Tuesday, December 1st, 2020: Preconference workshop |  
| 07:30 – 9:00 | Registration of participants |
| 09:00 – 10:15 | Workshop |
| 10:15 – 10:30 | Coffee / Tea Break |
| 10:30 – 12:00 | Workshop |

| Wednesday, December 2nd, 2020: Preconference Workshop |  
| 08:30 – 10:15 | Workshop |
| 10:15 – 10:30 | Coffee / Tea Break |
| 10:30 – 12:00 | Workshop |
| 12:00 – 13:00 | Break / Lunch |

| Thursday, December 3rd, 2020: Preconference Workshop / Conference proper |  
| 08:00 – 12:00 | Workshop / Registration of participants |
| 13:00 – 15:00 | Opening Ceremony |
| | Inaugural Lecture |
| | DAAD and Humboldt Lectures |
| | Keynote talk |
| 15:00 – 16:00 | Parallel Oral Sessions 1 (Rooms 1, 2 & 3) |
| 16:00 – 17:00 | Parallel Oral Sessions 2 (Rooms 1, 2 & 3) |
| 17:00 – 18:00 | Plenary Talks (02): Tracks 1 & 2 |
| 18:00 – 19:00 | Parallel Oral Session 3 (Rooms 1, 2 & 3) |

| Friday, December 4th, 2020: Conference proper |  
| 08:30 – 09:30 | Plenary Talks (02): Track 3 and other |
| 09:30 – 10:30 | Coffee / Tea Break & Poster Session 1 |
| 10:30 – 12:30 | Parallel Oral Session 3 (Rooms 1, 2 & 3) |
| 12:30 – 13:30 | Break / Lunch |

| Saturday, December 5th, 2020: Conference proper |  
| 08:30 – 10:30 | Parallel Oral Session 4 (Rooms 1, 2 & 3) |
| 10:30 – 11:30 | Coffee / Tea Break & Poster Session 2 |
| 11:30 – 12:30 | My thesis in 180 seconds contest & Others |

End of Conference & Departure
Conference Venue
University of Douala
P.O. Box 2701 Douala
Littoral Region
Republic of Cameroon
Languages
English and French
Poster and Oral presentations instructions
How big and type can the poster be? The maximum size of poster should be 950 mm x 1200 mm (~3ft x 4ft). The poster must be prepared as a single poster layout and mounted on one side of a double-sided poster board. Posters must be made in portrait. When previewing your poster, use a distance of approximately 1.8m to estimate the viewing distance for readability.

How long should I speak? Prepare to speak for 10 minutes (scientific parallel, commercial and industrial sessions) or 20 minutes (plenary session). Discussion will follow for 5 and 10 minutes, respectively. Note that timing of presentations will be strictly controlled so attendees can move among parallel sessions.

Which language can I use? The official languages of the conference are English and French. It is strongly recommended for presenters to use both languages at the time of their presentation (for those coming from countries using French and English as official languages). If you speak in French during the presentation, the powerpoint writings should be in English. And if you speak in English, the powerpoint writings would be in French.

Climate: The outdoor temperature in December will be between 23-32 °C

Local time: GMT+1

Transport
By Air: from outside of Cameroon to Douala International Airport. From Yaounde Airport to Douala Airport
By Road: from Yaounde Mvan to Douala
By Train: from Yaounde Main Station to Douala Main Station

Accommodation
Arrangements will be made with hotels to guarantee lowest prices

Official letter of invitations
The Conference secretariat will send a personal letter of invitation to all registered delegates. This invitation is meant only to assist participants to raise travel funds and/or obtain a visa.

Visa requirements
Participants are requested to check with the Cameroon consulate in their home country or with a travel agency for visa requirements. It is the responsibility of the participant to obtain a visa in advance if required.

Registration for the Conference entitles you to: A Participant’s Bag with Conference Material; Coffee breaks, lunches, Scientific Sessions, Certificates of Attendances, etc.

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Membership dues, conference registration fees (CFA Francs) and abstract submission

<table>
<thead>
<tr>
<th>Date (2020)</th>
<th>National Delegates</th>
<th>Foreign Delegates</th>
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<tr>
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<td>Persons without revenue</td>
<td>Persons with revenue</td>
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<td>Early payment ends</td>
<td>Oct 15th</td>
<td>10,000</td>
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<td>Late payment starts</td>
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The amounts stated in the table above include conference fees (50%) and membership dues (50%) for the year 2020.

Payment opens: August 15th, 2020
Latest date of payment for abstract to be included in the Book of Abstracts: November 10th, 2020
Abstract submission opens: August 15th, 2020

Abstract submission closes: September 30th, 2020
Notification on decision concerning abstracts: October 1st - November 5th, 2020
Method of payment
Membership dues and conference registration fees should be paid by MTN mobile Money, Cameroon Bios-sience Society Cash Collector: (+237) 653 79 54 74, free of charges. Please pay from an MTN number and not Orange number. If you are paying with your personal MTN, then reasons for the transfer or reference should be just « the name of your institution, abbreviated ». If from another MTN number, then reference should be « your family name and Institution, abbreviated.

Organising Secretariat
For additional information, please contact any of these persons of the LOC secretariat:
Prof. A.D. MASSOUPE
Prof. C. MASSOMA
Dr. S. TCHAMENI (tchamenis@yahoo.fr)

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Bioscience conferences are an opportunity for commercial and industrial companies, research laboratories, Universities and research institutions to showcase, and promote their offers.