

PRINCIPAL THEME

Biodiversity versus biotechnology : supporting humanity and ecosystem needs by wise use of biological resources to maintain ecosystem integrity

SUB-THEMES

1. Marine and freshwater ecosystems: Fisheries stock management - Overfishing, mariculture - Aquaculture - Breeding and repopulation- Protected areas.
2. Integrity of trophic food chains: Micro-organisms – Flora & fauna interactions – Entomological interactions
3. Ecosystems and specific spaces: Conservation of species habitats - Critical factors for species habitats - Defining boundaries for sustainable ecosystems - Invasive species – Role of ecology.
4. Restoration of natural/semi- natural ecosystems: Preserving ecosystem structure and function (including fragile/rare species- Habitat integrity (forests, wetlands, mountains, coastal zones, deserts) - Promotion of national parks and biological reserves.
5. Restoration of constructed ecosystems: Rehabilitation and development of zoos, exotic gardens - Informed landscape engineering and hydrology modifications to improve/create high value ecosystems - Mitigating climate change - Develop urban and peri-urban biodiversity.
6. Medicinal and aromatic plants: Honey plants and beekeeping development - Flowering plants and beekeeping, control insecticides - Poaching and illegal trade in wild species.
7. Biotechnology and phytochemistry: Agricultural wealth, population genetics- Genetic improvement of plants - Agronomy - New products, and zootechnics - Strategies for safeguarding endangered species - Strengthening regulations for species habitats - Monitoring environmental exceedance limits – Management & enforcement policies. Minimizing waste issues.
8. Pollution : Ecotoxicology – Parasitology & integrated biological control - Monitoring of chemical and particulate pollutants - Contamination of plants and animal communities. Public health and regulation of pollution : Assessing ater, land, and air pollution impacts – Environment industrial interactions - Petroleum and persistent organic pollutants effects on environmental systems.
9. Crisis management to support decision makers: Natural disasters, red tides and fish deaths, floods, dust storms.
10. Environmental pollution : Assessing interactions and monitoring changes in marine, land and air environments : Measuring its negative impact on the environmental ecosystems and their various components – Recognition climate change affects.
11. Remote sensing, GIS and data analytics: Use of remote sensing and GIS in Mapping and monitoring- of-Water quality modelling - Machine learning and advance data analytics for marine resources - Sustainable management - Aquaculture and agriculture management

Preamble

The Seventh International Congress on Biodiversity and Biotechnology will be held digitally in Kuwait (Institute...), offering certainty, to fulfill its central role in bringing together researchers, professors, doctoral students, engineers and decision-makers in order to forge exchanges of know-how and partnerships that facilitate innovation and breakthroughs in plant and animal health, agriculture and in the food industry.

Through the pandemic and the digital switchover, this meeting fulfills its mission for the biodiversity and biotechnology sector to connect the international community of life sciences, and gives the possibility of associating, remotely and in complete safety , over two days, **from May 29 to 30, 2022.**

Workshops, panels and company presentations, as well as offers from companies and sponsors will be available on demand up to 3 weeks before the event, as well as live sessions throughout the event.

The modern platform is also now more powerful than ever. With ONLY ONE connection, the entire event of accessible scheduled meetings will take place during the live conference with unique links to a secure video conferencing so facilitating actions and solutions. Participants can connect and chat with speakers and decision makers in a variety of different chat rooms.

Overall objectives

In its widest sense, biotechnology can include modern agriculture and food production, pharmaceuticals, utilization of waste, surveillance, and management of ecosystems. Appropriate environmental management and wise use of biotechnology can promote species diversity and help ensure sustainability of ecosystem services. The forum will stimulate and enrich the dialogue between scientists in the fields of biodiversity and biotechnology and inform decision-makers about the measures needed to enhance biodiversity, through adopting policies of protecting vulnerable species, their habitats and ecosystem services.



Kuwait Institute for scientific Research- KUWAIT
<https://www.kisr.edu.kw/en/discover-kisr/about-us/>
Organize

The 7th International Conference of Biodiversity and Biotechnology – CIBB7- 2022

Theme

Biodiversity versus biotechnology : supporting humanity and ecosystem needs by wise use of biological resources to maintain ecosystem integrity

29 –30 May, 2022

CALL FOR PAPERS & SUBSCRIBE

Dates to remember

April 10, 2022: Deadline for receipt of abstracts

April 30, 2022: Notification of acceptance of

Communications

May 10, 2022: Final registration and establishment of the Program

REGISTRATION FEES

The registration fees for the congress are € 120. This amount covers the costs of setting up the internet platform and its maintenance for 3 days, in the event of technical breakdowns.

Each registration entitles to a maximum of two communications, one of which must be a poster.

Participants could publish their scientific work in one of the journals proposed in this leaflet, after evaluation of each article by two referees appointed by the journal editor. All the publications are free of charge.

ORGANISING COMMITTEE

CHAIRMAN

Dr Manie Sediraoui, General Director, KISR, Salmiya, Kuwait

Membres

Mohammad ALI, Kuwait Institute for Scientific Research, Salmiya, Kuwait
Anne-Sophie CHANTRY, Radiopharmacie, CERIMED, La Timone Marseille
Roger FLOWER, University College London, WC1E 6BT, London, UK
Ali Banaoui, Faculté des Sciences, Université Ibnou Zohr Agadir Maroc
Ali Faouzi GARGOURI, Centre de Biotechnologie de Sfax, Tunisie
Fairouz HADDADJ, ENSV, Alger, Algérie
René LAFONT, Editeur, Société Zoologique de France, Paris - France
Riadh MOULAÏ, University Abderrahmane Mira of Béjaia, Algérie
Khadija OUNIFI-BENAMOR, Faculté Sci. Tunis, Tunis El Manar, Tunisie
Mouna RIFI, Institut National Agronomique de Tunisie, Tunis
Amina SMAÏ, ENSV, Alger, Algérie
Souaad SMAÏ, Fac. Sci. Biologiques, USTHB, Alger, Algérie
Boutheina STITI, National Research Institute of rural Engineering,
Water & Forests, Ariana, Tunisia
Mohamed Ramdani, Faculté Sciences, Université Med 1^{er} Oujda, Morocco

ADRESSE DE CONTACT

Biodiversitykuwait@cibb7-2022.com

Website

www.cibb7-2022.com

SCIENTIFIC COMMITTEE

Mohammad ALI, Kuwait Institute for Scientific Research, Salmiya, Kuwait
Mahmoud Hussin AHMED, Narss, Cairo, Egypt
Ramadan A. S. ALI, Zoology, Fac.Sci , O. ALMukhtar Unvers, Al Beida-Libya
Fouzia AMIRECHE, ENSV, Alger, Algérie
Habib AYADI, Faculté des Sciences de Sfax, Tunisie
Ali Banaoui, Université Ibnou Zohr, Faculté Sciences Agadir, Maroc
Ibtissem BENAMARA, Higher Institute of Biotechnology of Sfax, Tunisia
Wafa BENCHALEL, Université Badji Mokhtar d'Annaba, Algérie
Djamel BENDJOUDI, Université de Blida 1, Blida, Algérie
Charles François BOUDOURESQUE, Méditerranéan Inst. Oceanography, Marseille
Hamida Saida CHERIF, Université de Blida 1, Blida, Algérie
Fayçal CHAHROUR, Faculté des Sciences, Université d'Oran 1, Algérie
Lassaad CHOUBA, INSTM, Port de pêche, la Goulette, Tunis, Tunisie.
Françoise DENIS, Mus. Nat. Hist. Nat., Université Le Mans, France
Salih DERMECHE, Faculté Sciences, Université d'Oran 1, Algérie
Dhia GHARABI SEDDIKI, Université Ibn Khaldoun, Tiaret, Algérie
Samia GHOMARI, Fac. Sci. Nat & Vie, Univ Djillali Liabes, SBA - Algérie
Wassim GUERMAZI, Faculté des Sciences de Sfax - Tunisie
Fairouz HADDADJ, ENSV, Alger, Algérie
Sihem HADDADJ, INPV, Alger, Algérie
Abdellah ICHEN, Faculté Sciences Université Mohamed V de Rabat, Maroc
Mohamed Azzedine IDDER, Université Kasdi Merbah – Ouargla-Algérie
Arash Javanshir, Natural resources Faculty, University of Teheran, Iran
Ahmed KHAZRAJI, Faculté Sciences & techniques Gueliz Marrakech, Maroc
Thiniam KHEDIM, Faculté Sciences Biologiques, USTHB, Alger, Algérie
Ourida KHERBOUCHE, Faculté Sciences Biologiques, USTHB, Alger, Algérie
Mejdeddine KRAIEM, INSTM, Tunis, Tunisie
Abdelkader LOUNACI, Université Mouloud Maammri, Tizi Ouzou, Algérie
Mostafa KABINE, Faculté des Sciences Ain Chock, Univers. de Casablanca
Mohamed MONCEF, Fac. Sci., Univers. Chouaib Doukkali El Jadida, Maroc
Nizar MOUJAHED, EARR Unit, National Agronomic Institute of Tunisia
Riadh MOULAÏ, FSNV, Université de Béjaia, Algérie
Saïda OUAFI-HARCHAOUI, Fac. Sciences Biologiques, USTHB, Alger, Algérie
Ahmedou OULD SOULE, Ecole Normale Sup, Nouakchott, Mauritanie
Khadija OUNIFI-BENAMOR, Faculté Sciences Tunis, Univ. Tunis El Manar
Rathinam Raja, R&D, SBMCH - BIHER, Chennai, India.
Chafika REBZANI, Faculté Sciences Biologiques, USTHB, Alger,
Mouna RIFI, Institut National Agronomique de Tunisie, Tunis
Esmail A. SHAKMAN, Zoology department - Tripoli University – Libya
Jamila SIF, Fac. Sciences, Univ. Chouaib Doukkali, El Jadida, Maroc
Patrick SCAPS, Labo. Biologie Animale, Univ. Sci. & Technol. Lille, France
Zeinebou Ment SIDOUMOU, Université de Nouakchott, Mauritanie
Amina SMAÏ, ENSV, Alger, Algérie
Souaad SMAÏ, Faculté des sciences Biologiques, USTHB, Alger, Algérie
Noureddine SOLTANI, Université Badji Mokhtar, Annaba, Algérie
Aboubakr Ibrahim SOUIHLI, Zoology, Tripoly University, Libya
Tarek TEMRAZ, Canal Suez University, Egypt
Safia ZENIA, ENSV, Alger, Algérie

ABSTRACTS

Submitted research work must be unpublished and conform to the themes of the congress (see theme and sub-themes).

Summaries must be presented in Arial 12, single-spaced. Do not write anything in capitals (except the names of the authors).

Title, lowercase, centered, bold.

Author (s): full affiliation of the authors (names and surnames, address of the institutions and emails of all the co-authors).

For doctoral students: The names of supervisors and promoters are compulsory.

The name of the main author in bold and underlined.

**Text. The number of characters: 2500 - 4000.
A maximum of five keywords.**

The summary must imperatively specify a clear methodology and results.

Languages: English, French, and Arabic

PUBLICATIONS

Participants could publish their papers in:

- 1- Annals of the SNH >>> [LINK](#)**
- 2- Bulletin de la Société zoologique de France >>> [LINK](#)**
- 3- Botanica Marina**
- 4- Indian Environment Society >>> [LINK](#)**