

# XIV INTERNATIONAL CONVENTION ON ENVIRONMENT AND DEVELOPMENT

From July 3 to 7, 2023 Havana Convention Center Cuba

Slogan: "For a Resilient, Prosperous and Sustainable Environment"

www.cubaambiente.com convencion@ama.cu www.eventospalco.com

#### **ANNOUNCEMENT**

# Dear colleagues:

The Environment Agency of the Ministry of Science, Technology and Environment of the Republic of Cuba, jointly with other entities and organizations, is pleased to invite researchers, authorities, educators, specialists, managers, businessmen, professionals, producers and other people from all over the world working for the sustainability of our planet, to participate in the XIV International Convention on Environment and Development that will be held from July 3 to 7, 2023 at the Havana Convention Center.

On this occasion, taking into account that Cuba assumed for the first time the pro tempore Presidency of the G77 + China, which will promote cooperation actions among the member countries, important high-level meetings will be held at our Convention, standing out the following:

- Forum of Ministers of the Environment.
- Symposium "Youth for a Healthy Environment".
- Panel of Women in Science and Environment.

This edition will promote the exchange between countries, experiences, sustainable practices, knowledge transfer, sustained and inclusive economic growth, participatory social development, protection of the environment and the dignity of the human being.

The previous editions of this conclave have achieved a participation of more than 10,400 people, of which approximately 50% correspond to visitors belonging to more than 60 countries from the 5 continents. The last of them developed fully in a virtual way, this time it will be in session in person and the possibility of virtual presentations is foreseen, which will be reported in a timely manner.

The Convention will be organized into several events that will cover highly relevant topics: XIV Congress on Environmental Education for Sustainable Development, XIII Congress on Protected Areas, XI Congress on Environmental Management, IX Congress on Ecosystem and Biodiversity Management, VIII Congress on Climate Change , VI Congress on Policy, Justice and Environmental Law, II Congress on Geospatial Sciences and Disaster Risk and V Colloquium on Transportation and Environment.

As in previous years, there will be an Associated Technology Exhibition Fair, Projects and Environmental Experiences, which includes a Business Bazaar.

The Organizing Committee of the Convention is pleased to send you this call, confident that your professional contributions will allow us to achieve common objectives in a climate of friendship and solidarity.

We look forward to receiving you.

Sincerely

PhD. Maritza García García Executive President Organizing Committee

#### ORGANIZATION AND SPONSORSHIP

Ministry of Science, Technology and Environment (CITMA)

**Environment Agency (AMA)** 

General Directorate of Environment (DGMA)

Directorate of International Relations (DRI)

Office of Regulation and Environmental Safety (ORSA)

Institute of Ecology and Systematics (IES)

Institute of Tropical Geography (IGT)

Institute of Meteorology (INSMET)

Institute of Geophysics and Astronomy (IGA)

Institute of Sea Sciences (ICIMAR)

National Center of Protected Areas (CNAP)

National Aquarium of Cuba (ANC)

National Museum of Natural History of Cuba (MNHNC)

Research and Environmental Services Center of Pinar del Rio (ECOVIDA)

Environmental Services Center of Matanzas (CSAM)

Environmental Services Center of Villa Clara (CESAM-VC)

Environmental Services Center of Sancti Spíritus (CSASS)

Coastal Ecosystem Research Center (CIEC)

Environmental Engineering and Biodiversity Center of Ciego de Ávila (CIBA-CA)

Environmental Research Center of Camagüey (CIMAC)

Research and Environmental Services Center of Holguín (CISAT)

Ecosystems and Biodiversity Eastern Center (BIOECO)

Mountain Development Center of Guantanamo (CDM)

Environmental Services Budgeted Unit of Guantánamo (UPSA)

Botanical Garden of Cienfuegos (JBC)

Botanical Garden of Las Tunas (JBLT)

Botanical Garden of Cupaynicú (Granma) (JBG)

Cuban Academy of Sciences (ACC)

Center for Research and Environmental Management of Transport (CIMAT - MITRANS)

National Union of Jurists of Cuba

Cuban Society of Geography

Speleological Society of Cuba

Cuban Society of Zoology

IRIS Foundation: United for Climate

Havana Convention Center

**CUBANACAN Travel Agency** 

# **ORGANIZING COMMITTEE**

Honorary President: MSc. Elba Rosa Pérez Montoya, Minister of CITMA

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Associate Exhibition Secretary: MSc. Selmira Perdomo Sierra, AMA

Finance Secretary: Engr. Ramona Álvarez Pérez, AMA

Travel agency: Cubanacan

Professional Organizer of the Convention Center: MSc. Zosima Lopez Ruiz.

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#### **EVENTS**

# XIV CONGRESS ON ENVIRONMENTAL EDUCATION FOR SUSTAINABLE DEVELOPMENT.

President: MSc. Maria de los Angeles Serrano Jerez<u>marys@acuarionacional.cu</u> Executive Secretary: BSc. Keiko Smith Rodríguez keikos@acuarionacional.cu

#### **Objective:**

Promote the exchange of experiences and knowledge between researchers, authorities, educators, specialists, managers, businessmen, professionals and other people from all over the world who work for the sustainability of our planet, create actions that prevent and mitigate negative environmental impacts.

#### **Topics:**

# **Fundamentals and Strategies of Environmental Education**

- National, territorial and sectoral environmental education strategies.
- Education, communication and environmental awareness strategies derived from the Agreements and Action Programs of international organizations.
- Methodological and didactic strategies of environmental education.
- Inter and transdisciplinarity in environmental education.
- Public policies and environmental education.
- Community environmental education, local development and environmental governance.
- Strategies for environmental education, governance and challenges to cope the covid-19 pandemic.

#### Actors of Environmental Education

- National, regional and local governments and environmental education.
- Non-governmental organizations and environmental education.
- Universities, higher education institutes, educational institutions and environmental education
- · Companies and environmental education.
- Systematization and dissemination of experiences and research on education, environmental communication.
- Grassroots organizations and environmental education.
- · Women and environmental education.
- Practices and traditions of indigenous peoples.
- · Social networks and the use of new information technologies.

# Role of Environmental Education to Cope the Global Environmental Crisis

- Climate change adaptation and environmental education.
- Environmental education for responsible consumption and sustainable production.
- Natural resources, forests, biodiversity and environmental education.
- Territory, basins, water resources and environmental education.
- · Solid waste and environmental education.
- Use of clean energy.
- · Air pollution and environmental education.
- Environmental education and disaster risk management.
- Social problems and environmental education.
- Implication of the global environmental crisis in the public policies of environmental education
- · Environmental education and food safety.

# Universities, Higher Education Institutes, Educational Institutions and Environmental Education.

- · Environmental education in professional training.
- Integration of environmental education in the space of the Universities.
- Training and environmental education in business management
- · Role of youth and youth organizations.

**Main Organizing Entity:** National Aquarium of Cuba, Environment Agency, Ministry of Science, Technology and Environment.

## XIII CONGRESS OF PROTECTED AREAS.

President: Director Omar Cantillo, omar.cantillo@snap.cu

Executive Secretary: Amanda Bringuier Acosta, amanda@snap.cu Scientific Committee: BSc. Heily Herrera Bistuer heily@snap.cu

BSc. Navy Guerra Marcos marina.r@snap.cu

# **Objective:**

Promote the exchange of knowledge and experiences based on research applied to the management and planning of protected areas, their natural resources, historical-cultural values and socioeconomic-financial aspects.

### **General Topics:**

- Planning and management in protected areas
- Management of natural resources in protected areas
- Environmental services assessment in protected areas
- Climate change adaptation and mitigation in protected areas
- · Communities and economic activities in protected areas
- Sustainable tourism in protected areas
- Surveillance and protection in protected areas

# **Main Organizing Entity:**

National Center for Protected Areas, Environment Agency, Ministry of Science, Technology and Environment

### XI ENVIRONMENTAL MANAGEMENT CONGRESS

President: PhD. Orlando Sánchez León, orlando@geotech.cu

Executive Secretary: Tech. Yenisleidy Sánchez Flores, cga@geotech.cu Scientific Secretary: BSc. Francisco Cutié Rizo (pcutie@geotech.cu)

#### Objective:

Promote the exchange of experiences and knowledge among the main actors involved in environmental management; the ways, instruments and methods used to prevent or mitigate negative environmental impacts caused by productive and service activities, among others, and enhance the positive ones, as well as discuss the results achieved in the context of national and international environmental work.

#### **Topics:**

**VII Symposium on Environmental Management** 

- Environmental management methodologies
- Environmental legislation
- Integration of public policies
- Integration of environmental and territorial ordering
- Strategies and experiences of local development

# **Integrated Management of Natural Resources**

- Instruments of environmental management
- Integrated management of water resources
- Integrated forest management
- Integrated Coastal Zone Management
- Management of mining resources and recovery of mining areas
- Assessment of goods, services, impacts and environmental damage
- Social and environmental safeguards

### **Information and Environmental Knowledge Management**

- Environmental, regional and national statistics and indicators
- ICT for information management and social communication
- New technologies for obtaining and managing environmental data
- · Citizen participation and digital transformation for monitoring
- Geomatics: Remote sensing, GIS and geospatial services used for environmental management
- Environmental observatories

# **Environmental Management at the Sectoral Level**

- Business environmental management systems. Environmental audit
- Environmental management for new economic actors
- Technological innovation to improve environmental performance
- Sectoral sustainability: Agriculture, Tourism, Industries, Transport
- Urban ecology
- Circular economy

#### **Pollution and Environmental Degradation Management**

- Comprehensive waste management. Reduce, reuse and recycle
- Integrated management of chemicals and hazardous waste
- Measurement and control of sound pollution
- Contamination, degradation and sustainable soil management
- Decentralized environmental sanitation technologies

**Main Organizing Entity:** Institute of Tropical Geography, Environment Agency, Ministry of Science, Technology and the Environment

# VIX CONGRESS ON MANAGEMENT OF ECOSYSTEMS AND BIODIVERSITY.

Chairwoman: PhD. Jacqueline de los Ángeles Pérez Camacho, jacqueline@ecologia.cu

Executive Secretary: MSc. Ana Martell Garcia, ana.martell@ecologia.cu Scientific Secretary: M Sc. Maike Hernández Quinta maike@ecologia.cu

#### Objective:

Contribute to the knowledge, management and biodiversity conservation by promoting the exchange of knowledge and experiences, the integration of working groups and the creation of

links among research, academic, governmental and non-governmental institutions, to promote solutions, initiatives and actions on scientific basis that contribute to a sustainable development for the benefit involving all the inhabitants of our planet.

### Topics:

### Conservation and Sustainable Use of Biological Diversity for Development.

- Strategies for biodiversity conservation.
- Biodiversity associated with production systems, food security.
- Rural development and biodiversity conservation.
- Traditional and alternative uses of biological diversity.
- Application of eco-technologies in agriculture.
- Protection, handling and management of the genetic diversity of species.
- Economic incentives for the conservation of Biological Diversity.
- Multi-group, trend and experimental ecological and eco-social studies. Local participation.

# **Biological Diversity Hazards.**

- Main hazards for biodiversity conservation. Endangered species, populations and habitats.
- Erosion, desertification and Climate Change: hazards for the preservation of ecosystems and options for the conservation and sustainable management of resources.
- Biological invasion of species: hazards, prevention and management.

# **Ecological Studies, Monitoring and Biodiversity Conservation.**

- Monitoring of biological diversity in ecosystem management.
- Studies on biodiversity. Systematics, Phylogeny and Taxonomy.
- In situ and ex situ conservation.
- · Collections.
- Use of environmental indicators in productive and natural systems.
- · Phytochemistry and bioremediation.

# Strategies and Actions for Biodiversity Conservation and Sustainable Management.

- Policies and conservation programs at the local, national and regional levels.
- Restoration and ecological rehabilitation and provision of ecosystem services in agroecosystems, wetlands and forests.
- Restoration /rehabilitation of beaches
- Environmental awareness and strategic actions.
- Economic Assessment of Environmental Services.
- Landscape approach in biodiversity management (biological corridors, connectivity)

#### Biodiversity and Marine-Coastal Ecosystems. Hazards and Actions for its Conservation.

- Endangered coastal and marine wealth, vulnerable ecosystems.
- Models and processes of distribution of marine biodiversity.
- Coastal ecosystems. Functions and environmental ecological services.
- Monitoring in coastal ecosystems.
- Natural marine products and biotechnological applications.
- Coastal ecosystems and relationship with communities.
- Hazard and coastal vulnerability due to sea level rise. Role of coastal ecosystems in Climate Change Adaptation.

# Use of Computing and Information Technologies in Biodiversity Conservation.

· Biological diversity data basis.

- Modeling of ecological processes.
- Use of GIS tools in the study and management of Biodiversity.
- Remote sensing tools (aerial and satellite images, use of drones) in biodiversity studies.

**Main Organizing Entity:** Institute of Ecology and Systematics, Environment Agency, Ministry of Science, Technology and Environment.

#### **VIII CONGRESS ON CLIMATE CHANGE.**

President: PhD. Celso Pazos Alberdi, celso.pazos@insmet.cu

Executive Secretary: MSc. Yunisleydi Rodríguez Díaz, yunisleydi.rodriguez@insmet.cu Scientific Secretary: MSc. A. Vladimir Guevara Velazco, vladimir.guevara@insmet.cu

### Objective:

Present research results on the latest high-level scientific findings, in terms of the explanation of the phenomenon, the integration of the phenomenon-risk management, skills/education and awareness.

Share experiences on response strategies to climate change (adaptation - mitigation).

Show examples of applied actions that promote mitigation-adaptation-metrics-development.

Generate a dialogue on the national and international experiences of scientists, decision-makers and citizens on the impacts of climate change, and its consequences for socio-economic development.

#### **Topics:**

# Climate variability. Modulating Factors

- Variations and changes observed in the climate of Cuba;
- Climatic variability and teleconnection factors:
- Climate variability and its impact on different socioeconomic sectors: economy, agriculture, water resources, human health, among others.
- Current and future changes in climate extremes: tropical cyclones, droughts, heavy rains and floods, extreme temperatures, others.

#### **Climate Modeling**

- Modeling the future climate and key uncertainties.
- Methods and tools for the development of climatic and socioeconomic scenarios.
- Climate modeling in the Caribbean region.

#### **Greenhouse Gas Inventory. Emission Factors**

- Lessons and results obtained in the estimation of greenhouse gas emissions/removals. Development of methods and tools;
- Methods for measuring greenhouse gas emissions;
- Managing uncertainties in emissions calculations;
- Determination of national emission factors for different sectors, under tropical climate conditions. Associated uncertainty.

#### **Climate Change Mitigation**

- Efficiency in the use of energy and reduction of GHG emissions. Potential and mitigation options for the use of fuels with lower emission intensity;
- Reduction of emissions in buildings, infrastructure and the transport sector and energy production. Technological and replacement options;

- Carbon capture and storage, potentials for emission reductions, and evaluation of co-benefits. Geoengineering. State of the technology and associated risks;
- Scenarios and results of the introduction of renewable energy, possibilities of penetration, associated costs and net emissions. Decentralized systems based on the use of renewable energy sources;
- Integration of emission factors and mitigation options and strategies;
- Instruments for modeling emissions associated with economic and social policies. Means and techniques for the verification of real emissions;
- NAMAs and other climate change mitigation actions.

### **Impacts and Climate Change Adaptation**

- Adaptation strategies and options for: human settlements and infrastructure, human health, water resources, agriculture, soil and forest resources, marine and coastal systems, biodiversity, tourism, other socioeconomic sectors
- Contribution of cities in the design and implementation of climate change adaptation and mitigation policies;
- Integrated assessment of climate change impacts. Adaptation measures;
- Evaluation of economic and social adaptation decisions;
- Instruments to design policies and evaluate adaptation strategies. Limits and restrictions for an adequate adaptation;
- Adaptation-mitigation links.
- · Location and adaptation.

# **Cross-cutting Issues (Technology Transfer, Communication, Education)**

- Introduction of the problem of climate change in academic training: contribution of universities;
- Policies and formulas for the training of young researchers in the science of climate change;
- climate change financing;
- Role of communities to address climate change;
- Participation and response of civil society to a changing climate and its possible impacts;
- Role of non-governmental organizations, professional and peasant groups, others;
- Climate change, gender and age groups;
- Social networks and confrontation of climate change.

#### **Special Panels**

- International projects linked in the country to the issue of climate change.
- Biennial Transparency Reports and Cuba's Fourth National Communication to the United Nations Framework Convention on Climate Change.
- State Plan for Facing Climate Change Tarea Vida
- Paris Agreement

**Main Organizing Entity:** Institute of Meteorology, Environment Agency, Ministry of Science, Technology and the Environment

#### VI CONGRESS ON POLITICS, JUSTICE AND ENVIRONMENTAL LAW

President: PhD. Odalys Caridad Goicochea Cardoso, goicochea@citma.gob.cu

Executive Secretary: MSc. Teresa Cruz Sardinas,cruz@citma.gob.cu

Organizer: Eddy López Valdés, eddy@citma.gob.cu

# Objective:

Exchange on the advances of environmental policy and environmental regulation in the current context, promoting a space for scientific and academic exchange to evaluate the effectiveness, efficiency and control of policies on sustainable development and human development. All this in

a globalized world in crisis where environmental policy, justice and environmental law impose dynamic and different approaches to the sustainable use of natural resources and the forms of production and consumption in:

- Debates on environment conservation in the face of global problems, whose solution requires a greater integration of economic, social and environmental variables.
- Evaluate and propose policies and legal instruments for the improvement of control
  mechanisms regarding the rational use of natural resources and the conservation of
  ecosystems, as a basis for the sustainability of development and as a way to improve
  environmental quality. Discuss legal responses for the rapidly implementation actions to
  cope climate change, prioritizing adaptation measures.
- Generate a dialogue on current trends in the improvement and development of environmental policy and management instruments to support decision-making at different levels.

# **Topics**

- Public policies on the sustainable use of natural resources, their conservation and restoration with an ecosystem approach.
- Environmental institutionally, environmental governance, role of municipalities and citizens.
- · Companies and environment.
- Environmental courts. Solution of environmental conflicts.
- Challenges of environmental law in the face of global crises.
- Coping Climate Change, responses from environmental law.
- The reduction and elimination of environmental pollution, solutions from the instruments of environmental management.
- The instruments of environmental policy and management.
- The valuation of environmental goods and services in public policies.
- International environmental law.

#### **Special Panels**

The Regulatory Authority in its role as guarantor of the right to a healthy and balanced environment. Sponsored by the Environmental Regulation Office

The Circular Economy, a way to achieve sustainable and low carbon development. Sponsored by the General Directorate of the Environment

**Symposium** "Youth for a healthy environment". Sponsors the Youth Technical Brigades (BTJ) Entity

**Main Organizing Entity:** General Directorate of Environment, Ministry of Science, Technology and the Environment.

#### II CONFERENCE OF GEOSPATIAL SCIENCES AND DISASTER RISK

President: MSc. Rudy Montero Mata, rudy@iga.cu

Executive Secretary: MSc. Lidice Castro Serrano, lidice@iga.cu, geoespaciales@iga.cu

Scientific Secretary: BSc. Zulia Bárcena Fonseca, barcena@iga.cu

# **Objective:**

Promote the exchange of current experiences and knowledge to promote debate on new research, tools, methodologies for the study and application of astronomy, space and terrestrial geophysics, environmental geology and disaster risk reduction.

#### Topics:

# **Risks Studies of Hydrometeorological Origin:**

Approaches, indicators, methodologies and new technologies for the studies of:

- Floods due to sea penetration.
- · Flooding due to heavy rains
- Strong winds damages
- Severe drought
- · Fires in rural areas.
- Damages by atmospheric electrical discharges.

### Risks Studies of Geological and Geophysical Origin

- Landslides
- Earthquakes
- · Sinking in karst soils.
- Tsunamis
- Volcanism

### **Risk Studies of Health Origin**

- Hazard, vulnerabilities and risks in epiphytes, epizootics and epidemics
- Climate change and transboundary diseases in plants, animals and man.
- Integrated approach for one single health: animal-vegetable-human.
- Incidence of hazards of natural and technological origin in health.

### **Risks Studies of Technological Origin**

- · Accidents with dangerous chemical substances.
- · Catastrophic accidents of means of transport.
- · Building collapses.
- Incidence of events of natural origin in technological accidents.
- Risks in telecommunications and positioning systems due to the influence of the ionosphere and magnetosphere
- Protection systems against atmospheric electrical discharges in industrial and service facilities.

#### Climate Risk Studies and Natural and Engineering Solutions for Adaptation

- · Climate risk scenarios.
- Natural and engineered solutions for disaster risk reduction and climate change adaptation.
- Coastal Resilience through Ecosystem-Based Adaptation (AbE) and Community-Based Adaptation (CbA).
- · Climate change adaptation plans.

#### Space Weather and its Impacts on Earth

- Solar activity
- · Near and deep space observations
- Space junk.
- Space geodesy.
- · Magneto-ionospheric storms.
- Geomagnetism.
- · High atmosphere.
- Space weather impacts on telecommunications and health.
- · Meteors and near-Earth Objects.

# The Social Dimension and Communication Strategies in the Geospatial Sciences and Disaster Risks with an Inclusive Approach.

- Social aspects of risk: perception, communication, public awareness and education. Social construction of risk.
- · Social vulnerability. Indicators
- Education, communication, capacity building and the role of social actors.

- Gender approach in disaster risk reduction and adaptation to climate change.
- The psychology of disasters. Ecophobias, demophobias and other phobias associated with disaster risks and climate change.
- Tools and practices of the Social Sciences for disaster risk reduction and climate change adaptation. Environmental and social safeguards.

# Implementation of Risk Management at the Local Level

- Early Warning Systems
- Local development for disaster risk reduction and coping with climate change.
- Food security and sovereignty
- Evaluation of environmental impacts and damages in disaster situations.
- Making communities the protagonists for disaster risk reduction and resilience to climate change.

**Main Organizing Entity:** Institute of Geophysics and Astronomy, Agency for the Environment, Ministry of Science, Technology and the Environment.

# **V COLLOQUIUM ON TRANSPORT AND THE ENVIRONMENT**

Executive Secretary: Engr. Julio Cabrera Quiñones, jcabrera@cimab.transnet.cu

### Objective.

Promote technical exchanges between experts in the modes of air, rail, maritime and automotive transport in relation to the reduction of Greenhouse Gas emissions from means of transport, the change in the energy matrix and the adaptation of transport infrastructures to the impacts of climate change.

#### Topics.

- Technological innovations to increase the efficiency of the means of the different modes of transport in harmony with the environment.
- The change in the energy matrix of the different modes of transport.
- · The reduction of Greenhouse Gas emissions.
- · Environmental Studies of maritime transport.
- Preparing infrastructures for the impacts of climate change.
- Sustainable urban mobility, the use of ICTs and Intelligent Transport Systems.
- · Planning for sustainable transport.

Main Organizing Entity: Center for Research and Environmental Management of Transport (Cimab). Ministry of Transport

#### FORUM OF MINISTERS OF THE ENVIRONMENT.

Chairwoman: MSc. Elba Rosa Perez Montoya

# PANEL WOMEN IN SCIENCE AND THE ENVIRONMENT.

President: PhD. Adianez Taboada Zamora Coordinators: Martha Rodríguez Uratsuka Teresa Perez Gomez

# **SCIENTIFIC ACTIVITIES**

The Convention includes magisterial conferences and general panels, in which personalities from multilateral environmental organizations, ministries of the environment and prestigious researchers and professors will participate.

# Abstracts and publication of works

Those interested in making presentations must send a summary in Spanish or English, to the email address convención@ama.cu with a copy to the email addresses of the contacts of the specific event in which they propose to make their presentation. The interested party may request the modality of his presentation (oral, poster); however, the Scientific Committee will reserve the right to define it and notify the author in a timely manner.

#### **Guidelines for the submission of Abstracts**

- 1. Title (must not exceed 15 words. It is written in capital letters and bold).
- 2. Authors (including affiliation and contact details of each author)
- 3. Abstract (must not exceed 200 words)
- 4. Keywords (no more than 3)

The abstract must clearly and briefly express the objectives and scope of the study, basic procedures, methods, main results and conclusions. Do not include images, tables, formulas, complex symbols, or acronyms in the body of the abstract. They will be presented in Microsoft Word, using Arial 12 pt. font, on letter size paper, with 2.5 cm margins on all four sides, with single spacing and may not exceed one page.

The abstracts of Cuban and foreign participants must be sent to the Organizing Committee before April 15, 2023. The Organizing Committee will make the selection and inform the authors if they were accepted before April 30, 2023, reserving the right to decide the form of presentation.

The Organizing Committee will publish in the Memoirs of the XIV Convention, in electronic format and with ISBN, the full works of the authors who request it. Those interested must send the full work before May 20, 2023 once the acceptance of the work has been communicated. The works sent after that date will not be guaranteed their publication in the memories of the event.

# Rules for the presentation of extensive papers in the Proceedings of the XIV International Convention on Environment and Development:

- 1. Title (must not exceed 15 words. It is written in capital letters and bold).
- 2. Authors (including affiliation and contact details of each author)
- 3. Abstract (must not exceed 200 words)
- 4. Keywords (no more than 3)
- 5. Introduction
- 6. methods
- 7. Results
- 8. conclusions
- 9. Bibliography and Annexes.
- 10. Congress to which it pays

**Maximum extension of extensive works:** 10 pages, use Arial 12 pt font, letter size paper, 2.5 cm margins on all four sides and single spacing.

The Organizing Committee of the Convention is not responsible for the content of the presentations. Contributions that do not meet the requirements will be automatically removed without claim by the authors.

Those interested in presenting their contributions in the events that make up the Convention will do so through oral presentations and posters. Each work will be assigned within the scientific program the day and time of its presentation. The author will be present at the appointed time to answer possible questions from the participants. Oral presentations will generally have 15 minutes for presentation and discussion and will be organized according to the type of modality for which it is approved: panels, round tables and special thematic sessions. The papers on posters will be exhibited in a designated area for its presentation, in a format of 95 cm (horizontal width) and 150 cm (vertical length).

# Audiovisual media for presentations in rooms

- Data and video projector
- Computer

The digital presentations of the works will be delivered by the speakers themselves at the Audiovisual Media Reception Office, 24 hours in advance of their presentation in the room, adjusting to the following requirements:

- Operating systems on Windows
- Power Point Presentations

# ASSOCIATED EXHIBITION OF TECHNOLOGIES, PROJECTS AND ENVIRONMENTAL EXPERIENCES

#### Aim:

The fair will meet from July 3 to 7, 2023 in the Grand Foyer of the Havana Convention Center. It is aimed at promoting, confronting and displaying products, services and technologies linked to environmental protection and sustainable development. It is hoped that international organizations, organizations, companies, universities, research centers, service centers, non-governmental organizations, tourist agencies, protected areas, among other entities, will exhibit committed to building a sustainable society through improving relationships with themselves, with others and with the nature of which they are a part.

It will be possible to launch books and support materials for environmental programs and projects, presentation of sustainable technologies, among other activities.

The Organizing Committee of the XIV International Convention on Environment and Development and the Environment Agency in the framework of the Exhibition Fair summons to participate in the **Bazaar of Business LOVES Life**, in which the services, products and technological packages offered by the participating entities will be exhibited.

Main Organizing Entity:

Environment Agency (AMA), Ministry of Science, Technology and Environment (CITMA)

#### **Contact Persons**

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