

X CUBAN METEOROLOGY CONGRESS

III SEMINAR-WORKSHOP OF POLLUTION OF THE ATMOSPHERE

II CLIMATOLOGY SEMINAR

Hotel Tryp Habana Libre, Havana, December 2 to 6, 2019

The Cuban Meteorological Society (SometCuba) at the Anniversary 500 of the City of Havana is pleased to announce it during December 2 to 6, 2019 at the **X Cuban Meteorology Congress**, the **Third Seminar-Workshop on Pollution of the Atmosphere** and the **II Seminar on Climatology**. These are held at the San Geronimo University College of Havana and the Tryp Habana Libre Hotel, Havana, Cuba. These events are convened under the auspices of the Institute of Meteorology and the Office of the Historian of the City of Havana. We extend an invitation to all researchers, professionals, civil servants, teachers, students fond of meteorology, as well as those having to do with contingency plans facing extreme weather situations. This event will provide knowledge and an appropriate forum to discuss and exchange points of view on multidisciplinary research of laws and highly dynamic mechanisms in Atmospheric Sciences.

The Organizing Committee hopes that the presentations and round tables, panels, symposia, seminars and conferences that will take place in this multidisciplinary Congress shall provide guidance and information on congressional issues, especially for economic policy makers and environmental planners in our society.

The Organizing Committee has the pleasure of inviting all members, both professionals and fond to present works in the following thematic areas:

➤ Tropical hurricanes	➤ Renewable Energy (solar, wind and others)
➤ Meteorological prediction	➤ Weather / environmental education
➤ Numerical and statistical models	➤ Meteorological instrumentation
➤ Physics of the Atmosphere	➤ Applications of APK in Meteorology
➤ Marine meteorology	➤ Meteorology and mass media
➤ Agricultural meteorology	➤ Meteorological risks and insurance
➤ Aeronautical meteorology	➤ Civil protection and defense
➤ Information processing and data validation methods	➤ Risks, vulnerability, impacts and mitigation of meteorological disasters
➤ Geographical Information Systems	➤ Remote Sensing Applications
➤ Agrotechnological Transference	➤

III SEMINAR-WORKSHOP ON ATMOSPHERIC POLLUTION

Thematic

➤ Local and regional air pollution	➤ Tropospheric Ozone
➤ Deposition of atmospheric pollutants: cause and impacts	➤ GIS applied in studies of air pollution
➤ Dispersion models	➤ Sustainable energy and atmospheric pollution
➤ Emission inventories	➤ Air quality, climate and health
➤ Atmospheric chemistry	➤ Agriculture, climate and air pollution
➤ UV solar radiation: variability, cause and risks	➤ Determination of national emission factors for different sectors. Associated uncertainty
➤ Greenhouse gas inventory. Emission factors	➤ Urban environmental pollution and that caused by industrial processes
➤ Greenhouse gases and Climate change	➤ Environment

II SEMINARY ON CLIMATOLOGY

Thematic

➤ <i>Variability and Change of Climate</i>	➤ <i>Implementation of the World Frame for Climatic Services</i>
➤ <i>El Niño / La Niña and related topics</i>	➤ <i>Impacts and adaptation to the climate change</i>
➤ <i>Urban Climatology</i>	➤ <i>Variability and climatic extremes</i>
➤ <i>Variability of the climate. Factors modulators</i>	➤ <i>Economic and social aspects of Meteorology and Climatology</i>
➤ <i>Modeling of Climate</i>	➤ <i>Desertification and Drought. Management of the Drought</i>
➤ <i>Mitigation of climate change</i>	➤ <i>Data Bases, information processing and data validation methods</i>
➤ <i>Climate Applications</i>	➤ <i>Civil Society: A Challenge to Climate Change</i>

1st MEETING OF AGROECOLOGY AND RESILIENCE TO CLIMATE CHANGE

Thematic

➤ <i>Agroecological livestock for resilience to climate change</i>	➤ <i>Climate change and its impact on Latin American agriculture</i>
➤ <i>Resilient agriculture to climate change</i>	➤ <i>Socioecological resilience of territories for agricultural production</i>
➤ <i>Agroecological co-innovation, adaptation and mitigation of climate change</i>	➤ <i>Public policies for the adaptation of agriculture to climate change</i>
➤ <i>Renewable energy for the adaptation and mitigation of climate change in the agricultural sector</i>	➤

II SYMPOSIUM OF CLIMATE CHANGE AND HEALTH

Thematic

<i>Biometeorology</i>	<i>Variability and climatic extremes</i>
<i>Risk perception</i>	<i>Mental health</i>
<i>Adaptation to Climate Change in the Health sector</i>	<i>Variability and climate change in chronic noncommunicable diseases</i>
<i>Climate change and the health of occupational groups</i>	<i>Variability and climate change and vector-borne diseases</i>
<i>Air quality, climate and health</i>	<i>Hydrology and Medical Climatology</i>
<i>Health and Meteorological Disasters</i>	<i>Smart Hospitals</i>
<i>Variability and climate change in infectious diseases</i>	<i>Climate change and health of the elderly</i>
<i>Scientific Information, Social Communication and Knowledge Management</i>	<i>Surveillance and Early Warning Systems for the health sector</i>
<i>Public policies for adaptation to climate change in the health sector</i>	<i>Universal Health</i>

MODALITIES OF PRESENTATIONS

- *Reports*
- *Masterful conferences*
- *Round Tables*
- *Mesas redondas*
- *Panels*

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- Seminars
- free Topics: oral and digital posters
- Exhibition of databases, software and multimedia

The cost of inscription will be:

Participants	Quotas
Delegates and foreign presenters	150,00 CUC
Students	100,00 CUC
Companion	80,00 CUC

NOTICES:

The students will present a letter crediting them as such, properly signed and with the stamp of the Direction of their centers of study.

RIGHTS FOR QUOTAS OF INSCRIPTION

Professional delegates and students:

- Module of Accreditation: Credential, free access to the scientific sessions of the Congress, portfolio or bag with documentation (scientific programs, CD-ROM with the memoirs of the Congress, note pad and pen);
- Certificate of attendance or author;
- Participation in the Activities: Opening and closures programmed scientific official sessions and social activities.

Companions: Credential, participation in the opening and closures ceremonies, programmed social activities.

The payment, for the case of the foreign participants, will be made to their arrival to Havana, directly in the Registration and Accreditation desk of the Congress in the Hotel Tryp Habana Libre, Cuba, place of the event.

The inscription fee will be paid in CUC (Convertible Cuban Peso) with credit Cards Visa, Master Card, Euro Card, Cabal, whenever the main house is not North American, and cash if it is paid to the arrival to Cuba.

Companions:

The CUCs can be acquired in Cuba at the Airport, Hotels, Banks or Houses of Change, according to the actual rate of effective change.

The Trade and Credit Bank is committed for change of currency and Traveler's Checks, according to exchange rates and commissions in vigor at the time.

For further information on the conversion of currency CUC, visit the Web site of the Metropolitan Bank: www.bancometropolitano.com

PLACE OF THE CONGRESS: COLLEGE UNIVERSITY SAN GERONIMO DE LA HABANA AND HOTEL TRYP FREE HAVANA

OFFICIAL TRYP AGENCY: [HAVANATUR](http://havanatur.com)

The summaries and the works should be written in Spanish, Portuguese or English in format of 8½ " x 11 " (21.59 x 27.94 cm) and a margin of 2.5 cm at each side and should be elaborated in Microsoft Word text, version 6.0 or higher. There will be a maximum limit of 10 sheets.

It should contain the title in capital letters (Time New Roman 11); in the first line it should have the name of the author or authors (Time New Roman 10). In the following line the name of the institution; address; country and

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fax or e-mail, (Time New Roman 10). This should be continued by a blank line that will be followed by the body of a summary that should not exceed 300 words containing objectives; methodologies; results and conclusions (Time New Roman 10).

Obtaining visas to travel to Cuba

To enter the island, an authorized passport is required, which is obtained at the consulates of Cuba.

Important information

- The electronic address of the Organizing Committee of the Congress is: resumenes@insmet.cu.
- You can find information about the Congress through its website: www.meteorologiacuba.com.
- The commission of the professional program will inform the acceptance or not of the communications, as well as the form and place of presentation. The non-acceptance of the communication does not invalidate him from participating as a delegate.
- Participants who require a letter of invitation to obtain permission from their institution may request it from the President of the Organizing Committee via email: sometcuba@insmet.cu and andres.planas@insmet.cu.

Important dates

September 30, 2019	Closing of reception of the abstracts so that their inclusion in the Program of the IX Edition of the Congress is evaluated
October 15, 2019	Close of the submission of abstracts acceptance letters
November 10, 2019	Last day to send the completed papers
November 15, 2019	Sending of the answers by the commissions of the professional program about the acceptance or not of their complete work for its publication
December 2, 2019	Accreditation at the Hotel Tryp Habana Libre
December 2, 2019	Inauguration of the Congress and work session (Colegio San Gerónimo)
December 3-6, 2019	Working sessions at the Tryp Habana Libre hotel
December 3, 2019	Meeting of the Sometcuba executive with delegates and foreign guests at the headquarters of SometCuba
December 6, 2019	Closure of the Congress

Note: The Organizing Committee will only guarantee the publication on the CD-ROM of the event of the works received until November 20, 2019.

Lic. Andrés H. Planas Lavié
President Sometcuba

Dr. Silvia Rodríguez Masó
President Comité Científico