

Organizers:



INTERNATIONAL CARBON  
SYMPOSIUM IN MÉXICO  
MONTERREY, NUEVO LEÓN

# First Call

Monterrey, Nuevo León

October 13 to 15, 2021

Main topic:

Natural Climate Solutions and Carbon Markets:  
towards an effective carbon neutrality



**PMC**  
Programa Mexicano del Carbono  
RED TEMÁTICA DEL CONACYT

May 2021

## Mexican Carbon Program

Understanding the carbon cycle in Mexico in the context of climate change is critical for the establishment of effective mitigation and adaptation policies. Thus, as a first step towards Mexico generating the information and knowledge necessary for national carbon policy, in 2005 the National Institute of Ecology or INE (today INECC) invited Mexican scientists to establish a national group to support the Government of Mexico. The result of this process was the creation of the Mexican Carbon Program (PMC - [www.pmcarbono.org](http://www.pmcarbono.org)). The PMC was born as a national scientific collective with the objective of generating scientific information for the development of Mexican carbon and climate policy. The PMC ([www.pmcarbono.org](http://www.pmcarbono.org)) was also formulated as the counterpart to similar efforts in the United States and Canada linked under the Joint North American Carbon Program (today CarboNA). Now the PMC has 14 years of collective efforts into understanding the carbon cycle and its interactions between terrestrial, aquatic, coastal and marine ecosystems, human systems, and the atmosphere in Mexico and North America. The PMC has established a scientific committee coordinating studies in these areas and supports coordinated carbon policy and action among government, international institutions, foreign governments, businesses and civil society. Additionally, the PMC promoted the creation of the national student consortium, CABEMAS, to develop a strategy for the creation of national capacities in the short, medium and long term, as support for new generations of decision-makers and to consolidate the development of its scientific plan. The Mexican Carbon Program Thematic Network (PMC Network), supported by CONACYT funds, set out to foster collaboration and participation among Mexican researchers currently working on these issues, and to incorporate graduate students into this work to contribute to their professional training on finding solutions this problem as it affects Mexico. The PMC Network (more than 350 members with national coverage) was established with researchers and academics from the main research centers and universities in the country that are current leaders in their scientific fields. The objective set by the thematic network was the generation of scientific evidence to support national public policies and interact with foreign colleagues who work on this problem globally. To accomplish this, the PMC Network is a mix of national and international scholars. A fundamental part of the tasks of the PMC Network is the timely and continuous development and dissemination of concrete proposals that help us to identify and analyze environmental problems related to the carbon cycle. Out of this focus, in 2019 the PMC presented the First Report on the State of the Carbon Cycle in Mexico: Blue and Green Agenda (<http://pmcarbono.org/pmc/publicaciones/eccm.php>), which establishes a baseline and evaluation of what has been done in Mexico to date. Currently, the PMC is working on the development of its second report, aimed at synthesis, modeling, scenario generation and evaluation of actions and public policies.

## Objectives of the Symposium

- Present the national synthesis of the current state of knowledge of the carbon cycle and its interactions in the thematic areas of: Atmosphere, Bioenergy, Social Dimensions, Human Systems, Agricultural Systems, Marine Ecosystems, Coastal Ecosystems, Terrestrial Ecosystems and Terrestrial Aquatic Ecosystems.
- Continue with the construction of a common research and development agenda defined in the First Report on the State of the Carbon Cycle in Mexico: Blue and Green Agenda, aimed at developing the second report, which includes the Gray Agenda.
- Encourage and promote the scientific contribution of the PMC towards Natural Climate Solutions, hand in hand with the Mexico Clean Economy 2050 initiative (MEL 2050) and Tecnológico de Monterrey, including its expansion to marine and coastal ecosystems, so that opportunities can be generated to develop carbon markets oriented to the sustainable use of the natural capital of Mexico, Latin America and North America.
- Promote scientific-academic exchange in thematic areas of interest of the PMC, for the generation of collective work agendas with government institutions, civil society and, in particular, with private initiatives.
- Evaluation of the common collaboration agenda of Mexico-United States-Canada, in the context of CarboNA, for the establishment of measures to continue this international effort.

## Subject-matter of Meetings and Workshops

- Presentation of the PMC Collaboration Agenda with the MEL 2050 Initiative coordinated by Stanford University and USAID, as well as other key partners.
- Presentation of the PMC strategy in relation to carbon markets in an organizational scheme of active participation, which includes initiatives for the creation of the Mexican Carbon Bank (BAMCAR) and the National Center for Carbon Science and its Interactions (CENCCIA), as well as other proposals.
- Development of a common agenda with the country's private initiatives for the establishment of simple, low-cost and evidence-based carbon markets based on measurable and verifiable results, as the first step in building trust in the sector's participation in efforts to effectively reduce greenhouse gas emissions.
- Evaluation of concrete proposals for joint project focused on Natural Climate Solutions, such as: strengthening the carbon market in the states of Chiapas, State of Mexico and Nuevo León.

- Review of the REDD+ implementation strategy in Mexico in coordination with the World Bank and national institutions.
- Collaboration agenda with government institutions in charge of climate change policies, in particular those related to the Blue and Green Agenda of the PMC and its partners.
- Incorporation of university agendas and strategies towards intelligent carbon neutrality.

## Organization of the Symposium

The Symposium will be virtual and will last three days.

The following activities are scheduled:

1. Keynote presentations and thematic areas of general interest.
2. Oral presentations of 10 minutes, plus 5 minutes for questions and answers (poster presentation is optional), with emphasis on student participation.
3. Work meetings and workshops according to the topics of interest to the PMC, MEL 2050, Tecnológico de Monterrey, and strategic partners.

Additionally, meetings or workshops may be held on specific topics, at the request of Mexican scientific societies or the private sector, which are of mutual interest for the development of strategic collaborations.

## Symposium Orientation

The Symposium aims to bring together the specialists who work in the study of the carbon cycle in the different environments in Mexico, with the aim of sharing the state of the art in research and developments that are carried out on this topic, as well as future guidelines for border research. The Symposium will focus on high-priority, cross-cutting themes of carbon studies in Mexico: carbon flows between ocean-continent; implementation of Natural Climate Solutions (agricultural, forestry and other land use (AFOLU) strategies for carbon emissions mitigation); relationship between biological diversity and the carbon cycle; estimation of emissions and multi-scale carbon removals; carbon governance and public policies; information and scientific knowledge; the carbon economy; gender; competitive rural landscapes and low carbon development; modeling and synthesis of carbon dynamics; horizontal and vertical flows in the vegetation-atmosphere interface, and strategic mitigation of GHG, among others. In addition to the above, research related to the carbon cycle in the main thematic areas are also welcome.

## Greenhouse and Carbon Gases

The interests of the Mexican Carbon Program are not only oriented to the biogeochemical cycle of carbon, but also include stores and flows associated with greenhouse gases that can be equivalent to CO<sub>2</sub> emissions. Thus, for example, works related to methane emissions from enteric fermentation of livestock and nitrous oxide emissions from soils resulting from the application of fertilizers and black carbon resulting from combustion processes are of interest. In the same perspective, work related to marine ecosystems on the issues of greenhouse gas emissions, acidification and hypoxia are welcome.

## Program Activities for the Symposium

WEDNESDAY, OCTOBER 13TH		THURSDAY, OCTOBER 14TH		FRIDAY, OCTOBER 15TH	
TIME	EVENT	TIME	EVENT	TIME	EVENT
8:00 - 8:45	Connection test	9:00 - 12:00	Oral Presentations	9:00 - 12:30	Oral Presentations
9:00 - 14:30	<ul style="list-style-type: none"> <li>• Opening.</li> <li>• National Award Delivery</li> <li>• National and International Recognition.</li> <li>• Keynote lectures.</li> </ul>	12:30 - 14:00	Keynote Conferences	12:30 - 14:00	Keynote Conferences
14:30 - 16:00	Lunch	14:00 - 15:45	Lunch	14:00 - 15:45	Lunch
16:00 - 19:00	Work meetings / Workshops	16:00 - 19:00	Work Meetings / Workshops	16:00 - 16:20	Award of Oral Presentations and Posters
				16:20 - 17:00	PMC Activity Report

## Submission of Abstracts

The deadline for receiving the short abstracts in full is **June 30, and the full is July 30 2021**. To expedite the publication of the final proceedings of the Symposium, **only will be accepted Summary in Extensive format**, which will be pre-arbitrated and reviewed for format and style. Articles accepted for presentation at the Symposium will follow a peer arbitration process for possible publication in a book with ISBN, similar to the National Synthesis of previous years.

On the website [www.pmc carbono.org](http://www.pmc carbono.org) the complete guidelines and examples of summaries in extensive are available. Submissions will only be accepted via the webpage.

## Registration Costs

Researches \$ 1,000.00 M.N.  
Students \$ 500.00 M.N.

Payment must be made preferably before the start of the event by bank deposit or electronic transfer to the PMC account:

Name: Programa Mexicano del Carbono, A.C.  
Account number: 65503556181  
CLABE: 014 180 65503556181 7  
Bank name:  Santander  
Branch office: 0473 Texcoco-Av. Juárez Sur 402, Col. San Lorenzo  
SWIFT Code: BMSXMMXXX

Once the payment is made, you can register for the Symposium on the PMC website, via the following link: <http://pmcarbono.org/pmc/simposio/registro.php>

After filling in the information fields requested in the registration form and clicking on the register button, the system sends an email to the address indicated to provide a link where you can attach the electronic transfer receipt or scanned bank deposit (in format .jpg or .pdf) and capture billing information if required.

Alternatively, you can send the scanned payment receipt and registration form (Annex 1) to the email: [martinb72@gmail.com](mailto:martinb72@gmail.com), indicating in the subject Registration for the XI Symposium. This in order to expedite the process of registration, registration and preparation of assistance documents.

If you require an invoice (by SAT provision, as of April 1, 2014 only electronic invoices are issued) attach in the same email the data to be included:

- Full name
- Fiscal address
- Federal taxpayer registration (RFC)
- Email for invoice delivery (CFDI)

There will be scholarships for students who request it, after reviewing relevance of proposal to the PMC. Interested send request to [crisdansanchez@gmail.com](mailto:crisdansanchez@gmail.com), indicating the required support and a brief justification of your interest in the activities of the PMC.

Disclaimer: Payment of registration and / or attendance registration may be made until the opening day of the symposium, including during it; However, as a precautionary measure and in order to avoid setbacks, it is suggested that the payment and sending of the respective receipt be made in advance to the email address: [martinb72@gmail.com](mailto:martinb72@gmail.com)

## LOCAL ORGANIZING COMMITTEE

**Dr. Mario Manzano Camarillo (ITESM)**

President

[mario.manzano@tec.mx](mailto:mario.manzano@tec.mx)

## NATIONAL ORGANIZING COMMITTEE

**Dr. Martín Hernández Ayón (UABC)**

President

[jmartin@uabc.edu.mx](mailto:jmartin@uabc.edu.mx)

## INTERNATIONAL ORGANIZING COMMITTEE

**Mtra. Alejandra Navarrete (The Ocean Foundation)**

[anavarrete@oceanfdn.org](mailto:anavarrete@oceanfdn.org)

**Dr. Blas L. Pérez Henríquez (Stanford University)**

[blph@stanford.edu](mailto:blph@stanford.edu)

Monterrey, Nuevo León. May 2021



## Annex 1: REGISTRATION

XII INTERNATIONAL CARBON SYMPOSIUM IN MEXICO  
October 13 to 15, 2021. Monterrey, Nuevo León.



Full name

Position

Institution of Origin

Telephone numbers

Office / Mobile

e-mail

Arrival date

Return date