



**Environmental Network Research Group (ENRG) of
National Polytechnic Institute (IPN), Mexico
along with
Center for Innovation and Integration of Advanced Technologies (CIITA), Veracruz,
Mexico**

**Aims to bring together academicians, Professionals, Researchers, Policy Makers and
General Public for the**

**5th International Conference of
Environmental Network Researchers Group, IPN.**

The main theme of the conference is **“Our Planet & Our Future”**

The conference will be held at Hotel Galería Plaza, Boca del Rio, Veracruz, Mexico from **15th to 18th November, 2023.**

The Organizing Committee of CIMA 2023 is glad to invite all researchers, professors, students, industrialist and environmentalist to attend the 5th CIMA 2023 which will be held from 15th to 18th November, 2023. In view of the health, safety recommendations around the World and using the advanced technological features around us, the event will be in a hybrid mode. It will help in both in-person, and via online to discuss and interact together.

The 5th International Conference of Environmental Network Researchers Group of the National Polytechnic Institute will address the following issues in-line with the research of this group.

The central theme of the conference is **“Our Planet & Our Future”**. The main aspect is the resilience of a social and/ or ecological system to absorb the disturbances, to maintain the basic structure its functions, the self-organization to absorb the stress as well as their adaptation to changing environment. The focus of the present conference is to talk and debate on the problems related to our planet and what the present generation will give to the future generation in near future. The future of our planet in relation to environment is very disturbing with different environmental problems which are related to air, water, soil/sediment and its direct relation to human health. The continuous changes in our planet also provokes or is involved in different natural hazards as well as human health aspects. The event will include plenary lectures, regular lectures in oral/digital and in poster formats.

For registration and submission of abstracts, please complete the registration form and send it by email: **congresocima@ipn.mx; conferencesjmp@yahoo.com**

Submission of abstracts will be open from 6th February to 25th May 2023 and authors are requested to follow the template and instructions to authors in the official webpage.



Specific themes of the conference are:

**Theme 1 Our environment, biodiversity, resources, bioremediation
(Environmental Pollution and International Policies)**

Conservation and use of natural resources; Biodiversity of terrestrial/aquatic environments: Forests, jungles, deserts, grasslands, evaluation, monitoring, conservation and management. Soil, sediment and water pollution (lagoons, rivers and coastal zone); Diagnosis, prevention/ remediation; Air pollution; Metals in fish and organisms; Microplastics, Bioremediation by different methods of biology; Bioremediation of hydrocarbon, pesticide and metal contamination; Waste water purification.

Theme 2: Our society, circular economy and sustainable development

Direct impact of climate change on health; Socio-environmental health; Biodiversity, nutrition and health; Marketing and Developing clean technologies; Sustainable business; Green economy and landscape; Business and environment; Environmental policies, legislation, education and communication.

Theme 3: Our climate, present alternatives and projections

Biodiversity and climate change; Droughts and floods; Forest fires; Assisted human and animal migration; Coal and land management; Ocean acidification; Climate change and ecosystems; Landscape analysis; Importance of forest cover; Climatic cycle changes (rainfall and snowfall); Water and climate

**Theme 4: Our development on energy and imminent technologies
(Solar, wind, wireless)**

Methods to control nitrogen oxide (NO_x) generation; Technologies for reduction of pollutants in air, water and soil; High efficiency combustion systems; Geospatial & information technologies; Energy efficiency of thermal systems; Clean energy production; Recovery of residual energy; New fuels and alternative sources of energy; Solar energy; Wind energy & efficiency; Wireless technology.

Theme 5: Our future, global environment and threats to humanity

CO₂ emissions in cities; Air pollution and its relationship with the atmosphere; Problems within home during the pandemic; Health effect on humans; Effects of social distancing; Effects on the educational system; Conflicts around the world related to the pandemic; Vaccines and uncertainty; Health and Side Effects of Vaccines; Challenges of future pandemics; Future environment; Future natural hazards; Future human health & environment.

Official Language:

The official language of the conference are Spanish and English. Spanish presentations will be translated to English or will have English text in the presentation format.

ABSTRACTS (INSTRUCTIONS FOR ABSTRACTS - See format)



The reception of abstracts starts from **6th February to 25th May, 2023**. The abstract must be entered in the format (see template), with a 12 font size and Times New Roman font style. The title should be centered, with capital and bold letters. You should leave an empty line and then write the names of the authors, writing the initials of the name (s) and the full surnames; underline the name of the presenting author (use the format).

The affiliation of each author will be addressed by a number and should be placed on the last part of the authors names, leaving an empty line in between. The email of the author who will present/ corresponding author of the work must be indicated (Notification of acceptance will be sent to this author only).

The abstract should be properly justified, single spaced and no more than 250 words in a single paragraph. Scientific names of species or any other special names should be written in italics. The margins of the document should be 2.5 cm on each side. The abstracts should not include bibliographic references and should cover the following sections: Brief introduction, objective, methods, results, discussion and conclusion. Below the abstract, you must include up to five keywords, separated by semicolons (;). Likewise, the abstract should be sent via email to the following addresses: **congresocima@ipn.mx**; **conferencesjmp@yahoo.com**

The author must specify in the subject field of the email in which theme he/she wishes to include his abstract and to one of the best thematic lines that suits his proposal. He/she should also suggest the mode of presentation (oral or poster). However, the scientific committee will select the most suitable modality for the scientific work received and will also take into consideration of the themes specified by the author.

All accepted articles must be presented and their abstracts will be published in the conference special in three different ways:

- 1) Conference abstract volume of all the articles that will be presented at the conference;
- 2) Full article (in English) in a special issue of the journal “*Environmental Science and Pollution Research* (ESPR, Springer - Verlag)” and
- 3) Full article (in Spanish/English), in a special issue of *Comunicación Científica Publicaciones Arbitradas (Acceso Abierto Digital)*, Mexico.

Instructions for authors to submit articles to ESPR and IPN Editorial will be sent to the author for correspondence of each article and the web links will also be available on the website shortly.

The abstract, once accepted by the scientific review committee, will be included in the conference abstract volume without modifications as sent by the authors. Likewise, the abstract must be in both languages. The acceptance of the abstracts will be communicated by email after 25th May, 2023 to the corresponding author as indicated in the abstract. The presentation of the article in the congress is conditional, signifying that at least one of the authors will register for the event no later than 13th October, 2023 as indicated for different categories. Non-registered articles will be removed from the conference proceedings. **Author registration allows presenting a maximum of two articles in the event.** Submitted articles must be unpublished and presented for the first time in the present scientific forum.



In the event that the scientific evaluation committee finds that a submitted work is very similar to another that has been previously presented or published in another scientific forum, it will be removed immediately under the following criteria:

- Degree of similarity between both the works.
- No new contributions in the subject of study.
- The article will be definitively rejected if two or more members of the committee agree on that opinion.
- Topic does not correspond to the topics of the specified themes.
- If it does not meet the required scientific quality standards.

Scientific Committee:

The Scientific Committee is made up of prominent researchers and professionals from each of the specific topics of the congress.

CIMA 2023 Research Awards

- “CIMA 2023 Young Researchers Award” will be awarded to all themes.
- Each theme will be awarded.
- The awards will be different for oral and poster presentation (Students and professionals awards are separate).
- Student participants must be under 35 years of age and be the first author of the article to be presented. (Proof of student participants should be produced and or can be graduate students or professionals).
- **Participants can participate only in one single topic** and multiple entries will be rejected automatically.
- The participating author must indicate in the Abstract/ registration form if they are participating in any award or it is a general presentation.
- Participating authors must be registered and submit a complete article in Spanish or English for publication before the stipulated deadline (see calendar of important dates).

Abstracts / Full Articles Publication options:

- Option 1** Only in Proceedings of the conference (link on the website)
 Only Abstract to be submitted before 25th May 2023.
 Click - See authors guide for instructions.
- Option 2** Environmental Science and Pollution Research Springer Verlag
 Click – (In english) (link on the website)
 Submit full articles before 31st August, 2023
 (Earlier submissions of full article is always recommended)
 See authors guide for instructions.



<https://www.springer.com/journal/11356/submission-guidelines>

Option 3 Comunicación Científica – Publicaciones Arbitradas Acceso Abierto
Click - See authors guide for instructions (Spanish/English)
Submit before 31st August, 2023.

HUMANIDADES, SOCIALES Y CIENCIAS



**COMUNICACIÓN
CIENTÍFICA** PUBLICACIONES
ARBITRADAS

Authors will be able to send their full article once they receive the letter of acceptance of their abstract. Editors of the special volume will decide on the different options of publication depending on the subject and content of the proposed article.

Presentation in conference

Oral Presentation at the event (Face-to-face and virtual)

Oral presentations will be made in technical sessions
(The schedule will be published in the conference webpage).

Authors must inform the organizing committee before 13th October 2023, if they attend the conference **in-person** in Boca del Río, Veracruz, Mexico or through the **online** platform (**Virtual mode**).

Each oral presentation will last 15 minutes and 5 minutes for questions or debate. The questions/debates will be based on the discretion of the coordinators of each technical session. For all in-person presentation, a computer and a multimedia projector will be provided.

Some basic information about the presentation modes:

- The presentation must be within in a maximum of 15 minutes;
- Preferably, Power Point software should be used and should be submitted in a USB drive, or if it is virtual, it should be sent by email to minimize possible inconveniences.

Presentation via virtual platform:

- Participating authors are requested to confirm no later than 13th October, 2023 that they will participate and / or present through the virtual platform.
- Certificates will only be provided to all confirmed and connected authors/ participants during the three days of the event.
- Corresponding authors and / or presenting authors may be contacted prior to the CIMA 2023 event, if necessary, to verify internet speed and other procedures to follow during the presentation of their research article.



- General participants without any presentations in CIMA 2023 must also confirm their participation with the registration form to issue the “Certificate of participation”. Certificate of participation will only be provided to registered participants connected through official “You Tube” channel of the event. More information will be provided during October 2023.
- Participation of students and Certificate of Participation will be strictly based on the registration made in the official YouTube channel or chat message with your registered email ID.

Poster presentations:

- The presentation of the posters will take place in specific sessions. However, if presenting directly in-person, the posters can be installed at the beginning of the day corresponding to their exhibition. It is recommended that the authors arrive ten minutes before starting time of the poster session.
- The organizers will provide panels to post the posters, and the necessary materials for their exposition.
- Each poster will have a reserved space 90 cm wide by 120 cm. long.
- The poster must be registered at the event place, on the day and time defined in the program.
- **For online Poster Presentations**, the presentation of posters will be in PDF format. Instructions will be posted soon on the website.

Click - See payment instructions - national

Click - See payment instructions - international

Registration and payment details:

Details	In-person in Boca del Rio, Veracruz, México.	Participation via Online platform
Registration Fees for CIMA 2023		
1	General Public (Register before 31 st August 2023) MXN\$ 3500.00 USD\$ 250.00	MXN\$ 1250.00 USD \$ 175.00
2	General Public (Registration after 31 st August 2023) MXN\$ 4000.00 USD\$ 275.00	MXN\$ 1500.00 USD\$ 200.00
3	Students (Register before 31 st August 2023) MXN\$ 1500.00 USD\$ 150.00	MXN\$ 750.00 USD\$ 100.00
4	Students (Registration after 31 st August 2023) MXN\$ 1750.00 USD\$ 175.00	MXN\$ 1250.00 USD\$ 130.00
5	Members of Network of Environmental Researchers MXN\$ 2500.00	MXN\$ 1500.00



	Group (REMA – Registration before 31 st August 2023)		
6	Members - Network of Environmental Researchers Group (REMA – Registration after 31 st August 2023)	MXN\$ 3000.00	MXN\$ 1750.00

- For issuing official receipts/invoice it is advised to send the copy of the deposits made directly via email.
- The in-person registration kit includes: Free participation for the three-day event. Conference kit which includes the Conference Proceedings Volume (Abstracts only - via PDF file or CD), program, Certificate of participation and local coffee service during the event.
- Virtual on-line registration fee includes a Conference Proceedings Volume (Abstracts only - via PDF file or CD), program, Certificate of participation

Organizing Committee:

Dr. Diana Cecilia Escobedo Urías

Coordinator – Network of Environmental Researchers Group - IPN
 Interdisciplinary Research Center for Integral Development (Sinaloa Unit), National Polytechnic Institute (IPN)
 Email: durias@hotmail.com

Convenor - CIMA 2023

Dr. Jonathan Muthuswamy Ponniah

Center for Interdisciplinary Studies on Environment and Development (CIEMAD), National Polytechnic Institute (IPN)
 Email: congressocima@ipn.mx; conferencesjmp@yahoo.com

Special Volume Editors 1(ESPR, Springer Verlag – in English):

Dr. Jonathan Muthuswamy Ponniah, CIEMAD, IPN, México
 Dr. Eugenia López López, ENCB, IPN, México.
 Dr. Ana Judith Marmolejo-Rodríguez, CICIMAR, IPN, México
 Dr. Kalina Bermúdez Torres, CEPROBI, IPN, México

Special Volume Editors 2 (Comunicación Científica en Español):

Dr. Eugenia López López, ENCB, IPN, México.
 Dra. Diana Cecilia Escobedo Urías, CIIDIR, IPN, Sinaloa, México
 Dr. María Elena Tavera Cortés, UPIICSA, IPN, México
 M. en C. Jacinto Elías Sedeño Díaz, Coord. Poli. Sust., IPN, México.

Editorial Committee & Coordinators of different themes:

Coordinator (Theme 1): Our environment, biodiversity, resources, bioremediation
 (Environmental Pollution and International Policies)



Coordinator (Theme 2): Our society, circular economy and sustainable development

Coordinator (Theme 3): Our climate, present alternatives and projections

Coordinator (Theme 4): Our development on energy and imminent technologies
(Solar, wind, wireless)

Coordinator (Theme 5): Our future, global environment and threats to humanity

Local Organizing Committee:

M. en C. Alejandro Romo Mexía Gutiérrez, CIEMAD, IPN, México

María Angélica Hernández Ávila, Director, CIITA, IPN, Veracruz, México

Francisco Javier Picaso Castañeda, CIITA, IPN, Veracruz, México

Himilce Velasco Echavarría, CIITA, IPN, Veracruz, México

Technical Committee:

Lic. Erika Contreras, SIP, IPN, México

Ing. José Noé Hernández Neri, CIEMAD, IPN, México

Lic. Héctor Alberto Pérez Barradas, CIEMAD, IPN, México

Lic. Jaime Chávez Bravo, CIEMAD, IPN, México

Place & Lodging:

The 5th International Conference of Environmental Network Researchers Group of IPN will be held in Hotel Galería Plaza, Boca del Río, Veracruz, México.

<https://www.galeriaplahotels.com.mx/es/veracruz/>

Lodging:

Special discounts are applicable to participants of the event (indicate your participation in the registration form) in Boca del Río, Veracruz, México.

- Direct bus transportation is available from Mexico City Norte to Veracruz city frequently.
- Direct air transportation is available from Mexico City (MEX) to Veracruz International Airport (VER) frequently.

Other hotels near the main venue:

Name of Hotel	Webpage	Distance of other hotels	Time in min/km
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Shortly will be updated.



Preconference courses: 7th November, 2023

More information about the preconference courses will be published shortly.

Veracruz City Tours and other regions, México:

Information about local Veracruz City Tours and its surrounding places are available in the following webpages:

Abbreviations of Institutes (IPN)

CBG: Center for Genomic Biotechnology; **CIEMAD:** Center for Interdisciplinary Studies on Environment and Development; **CEPROBI:** Center for Development of Biotic Products; **CIIDIR:** Interdisciplinary Research Center for Integral Development; **CIITA:** Center for Innovation and Integration of Advanced Technologies; **ENCB:** National School of Biological Sciences; **ESEO:** School of Nursing and Obstetrics; **ESIA:** School of Engineering and Architecture; **UPIBI:** Professional Interdisciplinary Unit of Biotechnology; **UPICSA:** Professional Interdisciplinary Unit of Engineering, Social and Administrative Sciences.
