



Felix latzo FOUNDATION

# An Invitation Universidad Autónoma de Chiapas and Félix Latzo Foundation

Have the privilege of inviting the global scientific community and stakeholders to participate in the

## SOLID WASTE FINAL DISPOSAL 1ST WORLD CONGRESS



Felix latzo FOUNDATION



Centro de Estudios del Mar y Acuicultura  
Universidad de San Carlos de Guatemala



Humankind is facing one of the greatest and most serious threats, "THE



PLANETARY ENVIRONMENTAL CRISIS", placing special emphasis on the "POLLUTION CRISIS". According to the United Nations (UN), all over the planet about 11,200 million tons of solid waste are collected each year; an estimated amount of more than 6.4 million tons ends up in the sea. In addition to this fact, an unquantified amount of that is discharged into bodies of continental waters, canyons, countryside, and other sites.

Uncontrolled accumulation has devastating consequences for the ecosystems. Soil, water, and air pollution causes the degradation of natural habitats, affecting biodiversity and placing the sustainability of ecosystems at risk. The environmental challenge is increasing considerably due to the presence of waste plastics, toxic chemicals, and other non-biodegradable materials that persist for decades, generating a negative environmental legacy for future generations.

Inadequate management has become a global challenge that affects not only the environment, but also human health, economy, and quality of life of communities. Currently, the increase in solid waste disposals has reached alarming proportions, generating negative impacts that demand immediate and effective care. In this context, the rationale for addressing the problem of solid waste is underpinned by several fundamental dimensions.

Inefficient solid waste management poses a direct risk to human health. The proliferation of open landfills and the lack of adequate systems of waste disposals promote the spread of vector-borne disease and contamination of the water supply. In addition, waste incineration releases toxic substances into the air, contributing to breathing problems and other health conditions.

The environmental and health consequences also affect economy, as well as the clean-up of polluted areas, the treatment of diseases and the loss of agricultural and fishery productivity are significant costs that fall on communities and local governments. On the other hand, the adoption of sustainable practices in waste management can lead to economic opportunities, such as job creation in the recycling sector and cost reduction associated with waste disposal.

Addressing the problem of solid waste is an expression of social responsibility, both individually and collectively. In addition, the awareness of the importance of reducing, reusing, and recycling has become essential in responsible and compromised communities with the preservation of the environment. The promotion of sustainable waste management practices promotes an environmentally conscious culture that can help present and future generations.

Therefore, it is a priority to work intensively and rapidly in and from different perspectives on the proper management of solid waste. In this context, Universidad Autónoma de Chiapas, through the Collegiate Group of Research "Desarrollo Socio-Ecológico para Mesoamerica (GDSEM)", of Escuela de Sistemas Alimentarios and the Felix Latzo Foundation, both work in collaboration so that interested people who protect the environment converge in this world congress dated August 28<sup>th</sup>, 29<sup>th</sup> and 30<sup>th</sup>, 2024. It will open the possibility to address the need to contribute to the solution to this global crisis.

#### Main goal

To open a space for discussion and analysis of proposals that allow the construction of a multidisciplinary and purposeful dialogue, which catalyzes innovative and sustainable solutions that contribute to counteracting the "pollution crisis". The congress is proposed as a knowledge forum and a dynamic space for presenting and discussing scientific, technological advances and services that promote effective actions to address this planetary crisis almost immediately and in the long term. Thus, transcending traditional analysis, fostering a collective commitment towards transformative practices that actively contribute to the mitigation of pollution at a local, regional, and global level, thus being the main goal of the congress.

- Congress dates: August 28<sup>th</sup>, 29<sup>th</sup>, and 30<sup>th</sup>, 2024.
- Schedule: from 8:00 am to 2:00 pm and 4:00 p.m. to 6:00 pm
- Place: Centro de Convenciones, Universidad Autónoma de Chiapas, Tuxtla, Gutiérrez, Chiapas, México.

- Modality: mixed (face-to-face and online)
- Official languages: Spanish and English

#### Themes/topics

- Solid waste environmental impact
- Reduction and reuse of solid waste
- Gathering and transportation of solid waste
- Solid waste treatment and final disposal
- Circular economy
- Restoration of impacted areas
- Migration and solid waste
- Solid waste impact on health
- Technology and innovation in solid waste management

Public in general, businesspeople, state officials, non-governmental organizations, academic community, undergraduate and graduate students, teachers, researchers, and the global scientific community are invited to participate either as a participant or speaker, exhibitor, workshop leader, book presenter and/or sponsors.

- Master plenaries with well-known research speakers from Europe, Asia, and America will take place.
- Talks are held with the support of foundations and recognized service providers nationally and internationally for their efficient management of solid waste in sustainable cities; as well as distinguished officials responsible for environmental policies for countries, regions, and local communities.
- The presentations of academics interested in participating individually or collectively, delimited by the proposed topics for this congress.
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or collectively, delimited by the proposed topics for this congress. These can be in person, on-line or through previously produced audiovisuals. Those interested are invited to access the Instructions for speakers link.

- For those interested in offering ecological, environmental or congress-specific workshops, go to the link for workshop proposals.
- There will be a space for the exhibition of exclusive posters about the nature of the congress. For inclusion, review the poster instructions at the corresponding [link](#).
- There will be a space for the presentation of books by the authors themselves or by critical readers.
- For those who wish to exhibit products and services related to the transportation, treatment and/or final waste disposal, you are invited to participate as sponsors of the event and get to know the options and benefits. For those interested, for further information send an e-mail message to the congress organizers: e-mail [gdsem.sial@unach.mx](mailto:gdsem.sial@unach.mx)

### **Participation fee**

#### Participants

- Bachelor students \$50 (USD)
- Master and PHD students \$100 (USD)
- Professionals \$250 (USD)

#### Speakers

- Bachelor students \$70 (USD)
- Master and PHD students \$ 200 (USD)

- Professionals \$500 (USD)

Workshop facilitator

- Participants \$ 50 (USD)

Speakers: contact the Organizing Committee of the Congress to know the different promotions and costs.

The discussion group participants will be a consideration of solicitors and are part of speakers or/and exhibitors who want to present services and products.

All participants will receive a diploma with curriculum value, access to conference rooms, congress memories, souvenirs, and coffee breaks.

By March 1st, you can find information and registration formats as well as payment methods to Congress at <http://www.sial.unach.mx>

### **Important dates**

- Issuance of the Call: February 23<sup>rd</sup>.
- Start of Registration of conferences and participants: March 1<sup>st</sup>
- Deadline for speakers' registration: May 31<sup>st</sup>
- Deadline for participants' registration: July 10<sup>th</sup>
- Payment deadline for speakers: June 20<sup>th</sup>
- Payment deadline for participants: July 15<sup>th</sup>
- Program announcement: August 15<sup>th</sup>
- Review of the proposals will be due March 11<sup>th</sup> to June 15<sup>th</sup>, 2024

### **Organizing Committee:**

Dr. Vicente Castro Castro; Collegiate Research Group "Desarrollo SocioEcológico para Mesoamérica(GDSEM)", Escuela de Sistemas Alimentarios (SIAL), Universidad Autónoma de Chiapas (UNACH).

Dr. Felix Latzo; Nobel Peace Prize Nominee. Felix Latzo Foundation.

### **Universities and organizing-collaborating groups**

- Universidad Tecnológica de Queretaro
- Universidad de San Carlos Guatemala

- Centro de Estudios del Mar y Acuicultura ( CEMA)
- Centro Universitario de Occidente (CUNOC)
- Centro Universitario de San Marcos (CUSAM)
- Universidad Nacional Costa Rica
- Universidad Nacional de Ingeniería de Perú
- Universidad Yakambú de Venezuela
- Unión Internacional para la Conservación de la Naturaleza
- Universidad de Ciencias y Artes de Chiapas
- Universidad de El Salvador
- Grupo Colegiado de Investigación Desarrollo SocioEcológico para Mesoamérica
- Red Mesoamericana para el Desarrollo Sostenible (REMDES)

### **Scientific Committee**

Coordinator: Dr. Candido Chan Pech

### **UNACH Working Team**

Dr. Vicente Castro Castro

Dr. Cándido Chan Pech

Dr. Margarita Valencia Ruiz

Dr. Martín de Jesús Gómez Báez

Dr. Emilio Hernández Ortiz

M.A. Carlos Gumaro García Castillo

Dr. María Guadalupe Rodríguez Galván

Dr. Martín Plascencia González

Ing. María de los Ángeles Barrios Ramos

Dr. Gloria Amelia Gutu Moguel

Dr. Gabriela Setsuko Nakamura Román

Dr. Angélica Patricia Córdoba Meza

M.A. Claudia Martínez Martínez

Dr. Elizabeth Us Grajales

Dr. Christian Mauricio Castillo Estrada

Dr. Aron de la Cruz Vázquez

M.A. Luis Antonio Álvarez Oval

### **UNACH C-IV Research Collegiate groups**

Collegiate Research Group “Desarrollo SocioEcológico para Mesoamérica”.

Escuela de Sistemas Alimentarios.

Escuela de Humanidades C-IV  
Facultad de Ciencias de la Administración C-IV  
Grupo Colegiado “Lengua, Tecnología Educativa e Interculturalidad”  
Escuela de Lenguas C-IV  
Grupo Colegiado de Investigación “Tecnologías en Sistemas  
Computacionales”.  
Facultad de Negocios

**Central Administrative Staff**

Dirección General de Investigación y Posgrado

**Felix Latzo Foundation Working Team**

Dr. Felix Latzo

Ing. Adolfo Araujo

BA. Jorge Rabaso

- \* Any unforeseen situation will be resolved by the Organizing Committee.
- \* The links of this Congress will be available on March 1st.
- \* In Mexico, payment for the different modalities of participation should be in Mexican pesos at the exchange rate of the day, which will be published daily on the Congress Website.
- \* A limited number of scholarships will be available (50%) in each type of participation, for which you must fill out the respective application and will be resolved within a week.
- \* The payment process and forms will be available on March 15.