



# A look back to the past, to drive the future of research

## October 20-24, 2025



**XV | Congreso Nacional  
de Investigación en Cambio Climático**



**VII | Congreso Latino  
de Investigación en Cambio Climático**

### General Program

**Venue: National Polytechnic Institute**

"Smart Building" Auditorium  
General Coordination of the National Computing Center

Live Broadcast  
**YouTube**  
Videoconferencia IPN

Information:  
[www.ciiemad.ipn.mx](http://www.ciiemad.ipn.mx)

	Monday 20	Tuesday 21	Wednesday 22	Thursday 23	Friday 24
	Monday 20	Tuesday 21	Wednesday 22	Thursday 23	Friday 24
	10 Years of Climate Change Research at IPN	Youth for Climate Action	Youth for Climate Action	Socio-Environmental Aspects	
09:00-10:00	General Registration	General Registration	General Registration	General Registration	General Registration
10:00-10:30	UNAM Registration	<b>Dr. Enrique Morales Acuña</b> CIIDIR Sinaloa - IPN "Co-occurrence of extreme events: Redefining climate in northwest Mexico"	<b>International Speaker</b> <b>Asma Toorkham</b> Islamic Republic of Pakistan POP Movement "Cultivating resilience: applying the theory of change to integrate climate psychology and landscape architecture in community regeneration"	Environmental Activists <b>Sahil</b> Republic of India POP Movement "A Greener Tomorrow: Youth Leadership in Action"	<b>Panel: Social Vulnerability</b> <b>Dr. Blanca Estela Gutiérrez Barba</b> CIIEMAD-IPN <b>MSc. María de la Luz Valderrábano Almegua</b> CIIEMAD-IPN <b>MSc. María del Carmen Martínez Cuevas</b> CIIEMAD-IPN <b>MSc. Jorge Michel Flores Maldonado</b> CIIEMAD-IPN <b>Eng. Karla Gabriela Isirdia Bautista</b> CIIEMAD-IPN
10:30-11:00	Inauguration UNAM	<b>Dr. Marco Julio Ulloa Torres</b> CICATA Altamira - IPN "Drying of the Tamesí River Lagoon System (2023-2024) in Tamaulipas: Impact of climate change"	<b>Ian Oswaldo Pérez González</b> ENCB - IPN "Artificial water body regeneration system for the rehabilitation of the San Juan de Aragón Forest Lake, Mexico City"	Environmental Activists <b>Sayan Das</b> Republic of India POP Movement "Textile waste circularity: Policy, Practice and Innovation"	<b>MSc. María del Carmen Martínez Cuevas</b> CIIEMAD-IPN <b>MSc. Jorge Michel Flores Maldonado</b> CIIEMAD-IPN <b>Eng. Karla Gabriela Isirdia Bautista</b> CIIEMAD-IPN
11:00-11:30	Keynote Lecture UNAM	<b>Dr. Francisco Arreguín Sánchez</b> CICIMAR - IPN "Climate change in Mexico's fisheries"	<b>Stefanny Rebeca Alvarado Albarado</b> CIIEMAD - IPN "Network analysis of governance processes in the implementation of sustainable development strategies in ocean policy in Mexico and Central America"	Environmental Activists <b>Ved Solanke</b> Republic of India POP Movement "Socioeconomic initiative for Ecological Agri-Food production and consumption"	<b>Keynote Lecture:</b> <b>"Education for Peace"</b> <b>Dr. Tamara Kolangui Nisanof</b> Shimon Peres Chair for Peace
11:30-12:00		<b>Book Presentation</b> <b>Dr. Saroj Pachauri</b> <b>Eng. Ana Hanhausen</b> <b>MSc. Iván Ransom Rodríguez</b>	<b>Ana Laura Cervantes Najera</b> CIIEMAD - IPN "Spatial analysis of green roofs for mitigating urban heat islands in Mexico City (CDMX)"	Environmental Activists <b>Bernard Kihyo</b> United Republic of Tanzania POP Movement "Go greener with youth in Tanzania"	
12:00-12:30	Break	Break	Break	Break	Break
12:30-13:00	<b>IPN INAUGURATION</b> <b>Dr. Arturo Reyes Sandoval</b> <b>MSc. María Isabel Rojas Ruíz</b> <b>Dr. Martha Leticia Vázquez González</b> <b>MSc. Ismael Jaidar Monter</b> <b>Dr. Pedro Francisco Rodríguez Espinosa</b> <b>Dr. Ash Pachauri</b> <b>Dr. Norma Patricia Muñoz Sevilla</b>	<b>Dr. David Petatán Ramírez</b> CICIMAR - IPN "The future of fishing in Mexico under climate change scenarios"	<b>Ricardo Andrés Delgado Lander</b> Bolivarian Republic of Venezuela POP Movement "The Interview as a tool for socio-ecological transition"	Environmental Activists <b>Mhone Edward Bethani</b> Republic of Malawi POP Movement "Empowering communities for a sustainable future: Advancing SDGs 2, 8, 1, 3 in Malawi"	<b>Panel: Geopolitics and Environmental Justice</b> <b>Dr. Pedro Joaquín Gutiérrez Yurrita</b> CIIEMAD-IPN <b>Fernanda Camarero</b> SER Atlanta Georgia, USA <b>Maxime Le bail</b> OCDE, Paris <b>María Guadalupe Peláez Galvéz</b> CIIEMAD-IPN
13:00-13:30	<b>Dr. Ash Pachauri</b> Co-Founder & Senior Mentor Movimiento POP Director & CEO Center for Human Progress "Climate Education in a Globalized World"	<b>Dr. Enrique Nava Sánchez</b> CICIMAR - IPN "Risk of beach erosion in Baja California Sur: climate change vs. human activities"	<b>Oliver Adam González Rodríguez</b> CIIEMAD - IPN "Attribution of Bark Beetle Infestation to Climate Change Effects in El Chico National Park, Hidalgo"	Environmental Activists <b>Samuel Said Espinoza Urías</b> POP Movement, México "Virtual eco-agents for saving our planet"	<b>Panel: Gender Equity</b> <b>MSc. Obed Pardo Santos</b> CIIEMAD-IPN <b>MSc. Tamar Zehla Jiménez Velázquez</b> CIIEMAD-IPN <b>BSc. Áurea Minerva Moraga Alejo</b> CNDH
13:30-14:00	<b>Daniela Engelberg</b> Director of Corporate Partnerships Prix Galien EcoHealth Category <b>The Galien Foundation</b> Republic of Guatemala "Resetting Climate Action: From Ecosystem to Immune System"	<b>Dr. Hugo Alberto Barrera Huerta</b> ENCB - IPN "The significance of mangrove degradation resulting from electricity generation"	<b>Wendy Johanna Orozco Rodríguez</b> CIIDIR Sinaloa - IPN "Spatial and temporal characterization of marine heat waves in the Gulf of California from 1982 to 2024"	<b>Saúl Mendoza López</b> CECyT 7 Cuauhtémoc - IPN "Are electric cars better than conventional cars for climate change?"	<b>Mauricio Franco Cruz Lavaris</b> Czech Republic "Construction Waste Recycling: Challenges and Opportunities"
14:00-14:30	<b>Dr. Rosalía Arteaga Serrano</b> Former President Republic of Ecuador	<b>MSc. Germán Raúl Vera Alejandre</b> CIIEMAD - IPN "Climate scenarios for conservation lands in Mexico City: The case of the San Miguel Topilejo Community Ecological Reserve"	<b>Salvador Sánchez</b> CICATA Altamira - IPN "Technological advances in the design of drift buoys"	<b>Amairani Yuritzi Elias Bravo</b> CECyT 7 Cuauhtémoc - IPN "Towards a sustainable future: energy and societal transitions in response to climate change"	<b>Closing</b> <b>National Polytechnic Institute</b>
14:30-15:00	<b>Dr. Javier Pérez Sagaón</b> General Director MINAMER	<b>Zaira Paola Sandoval González</b> ENCB - IPN "Design and construction of a rainwater collection and treatment system for drinking water use in households in Mexico City"	<b>José Ángel Monterrosas Martínez</b> CICIMAR - IPN "Blue Whale Vocalizations in Relation to Feeding and Social Behavior"	<b>Sudharsan Santhanakrishnan</b> CIIEMAD - IPN "Climate Change induced Forest fire analysis using GIS & Remote Sensing, Hluhluwe-iMfolozi Park, South Africa"	



# Educación

Secretaría de Educación Pública



**Instituto Politécnico Nacional**  
"La Técnica al Servicio de la Patria"