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VIRTUAL SEMINAR GREEN AND EFFICIENT PORTS: ADOPTING SUSTAINABILITY AND NEW TECHNOLOGIES

DATE: THURSDAY, JULY 10, 2025

TIME: 09:00 AM - 12:40 PM (WASHINGTON DC/ CARACAS TIME)

MODALITY: VIRTUAL

LANGUAGE: SPANISH & ENGLISH (SIMULTANEOUS INTERPRETATION)

REGISTRATION LINK:

[HTTPS://US06WEB.ZOOM.US/WEBINAR/REGISTER/WN_BXKECQTCTTMTYR_FCP9HYLG](https://us06web.zoom.us/webinar/register/WN_BXKECQTCTTMTYR_FCP9HYLG)

CONTEXT

This virtual seminar gathers technical experts throughout the region to address the critical aspects of sustainable port management.

The current global economy, largely dependent on fossil fuels, has led to a continuous increase in greenhouse gas (GHG) emissions, with a staggering 3276 Gt of CO₂ in the atmosphere as of 2023.

The maritime sector plays a significant role in this issue. The International Maritime Organization (IMO) projects a 90% to 130% increase in GHG emissions from international shipping by 2050 compared to 2008. Beyond emissions, ports are also highly vulnerable to climate impacts. Extreme weather events disrupt operations and trade, and phenomena like droughts, as seen in the Panama Canal, expose the fragility of key commercial routes, impacting regional trade.

Seminar Objectives and Key Themes

Given these challenges, the seminar emphasizes the urgent need to design and implement sustainable port projects. The goal is to enhance resilience, transition to efficient operational models, secure supply chains, and modernize regional port systems as a climate change mitigation strategy. This approach aims to ensure economic and commercial activity while protecting natural resources and marine ecosystems.



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The seminar will consolidate these efforts at a regional scale, covering crucial topics such as:

- Decarbonization of port operations
- Environmental management
- Construction of resilient and climate-adapted infrastructure
- Implementation of alternative energies
- Development of energy-efficient buildings
- Role of new technologies in improving sustainability
- Development of maritime environmental protection regulations

The Latin American and Caribbean Economic System (SELA), in partnership with the Inter-American Committee on Ports (CIP) of the Organization of American States (OAS), reaffirms its commitment to driving sustainable and resilient infrastructure development, promoting cooperation and technological innovation, adopting green energies, and fostering collaboration between public and private sectors. This initiative ultimately aims to create platforms for knowledge exchange, professional training, and network strengthening.

CONTACTS

Address any questions to the event coordinators:

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