

February 2023 Webinar: Implications of Invasive Alien Species

On 7 February 2023, PIANC HQ, PTGCC and PIANC's EnviCom delivered a webinar exploring the potential implications of invasive alien species for waterborne transport infrastructure and the increasing risks these species pose as the climate changes, for example, as water temperatures increase. Members of EnviCom Working Group 218, together with two guest speakers, explained the different types of risk that the introduction and establishment of these non-native species can pose to ports and waterways, and explored how such risks can be managed. Invasive alien species can threaten operational viability, for example due to the smothering or fouling of infrastructure or equipment. They can also compromise infrastructure integrity, including through burrowing or boring. Furthermore, there may be liability risks if port and waterway operators fail to take measures to prevent the introduction or transfer of such species, including via construction projects and day-to-day activities such as lock operation or dredging. A variety of practical measures that can be taken to reduce these risks were also described.

The implications of invasive alien species for waterborne transport infrastructure

5 countries
Academic, Industry, Government

Species-specific research

Drivers of Change

Climate change influences

Industry sectorial stewardship

Governance stakeholders (Federal/State)

Vessel-based management

Social and ethical expectations

Fixed infrastructure asset management: landside/marine

USA, UK, Australia, UAE, Germany

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Safra Altman, WG 218 Chair, introduces the webinar

The role of marine biosecurity planning in understanding the issue and identifying measures to reduce the risks of invasive alien species will be included in the forthcoming WG218 report. In the meantime, if you missed the webinar (or if you want to watch it again), you can do so [online](#).