



W·E·B·I·N·A·R

WEBINAR ON PIANC ENVICOM WG 218:

'INVASIVE ALIEN SPECIES: IMPLICATIONS FOR WATERBORNE TRANSPORT INFRASTRUCTURE IN A CHANGING CLIMATE'

DATE

Tuesday 7 February 2023 at 1200 h (CET)



Invasive alien species (IAS) are plants, animals, pathogens and other organisms that are non-native (alien) to a particular ecosystem but have the ability – once introduced – to increase prolifically (i.e. invade). Such invasions can have significant environmental, economic, operational, social, or human health and safety implications, including for waterborne transport infrastructure assets and activities.

IAS in the marine environment impact not only biodiversity and commercial fishing resources, but also structural integrity of maritime infrastructure. IAS can compromise operational viability of port and harbour activities as a result of fouling, smothering, burrowing, boring, or in some cases by their presence alone. There are also liability implications related to the introduction or transfer of such species. Climate change, in particular warmer water temperature, is further exacerbating these risks throughout the world.

PIANC's EnviCom Working Group 218 is developing practical guidance on how to manage the business, liability, and health and safety risks associated with IAS. This webinar offers an insight into the activities of the Working Group and a chance to hear from experts in the field. This session also offers an opportunity for professionals to consider additional contribution to the current guidance.



PROGRAMME

<p>12:00-12:20</p>	<p>PRESENTATION 1: WG 218 Managing the impacts of invasive alien species on waterborne transport infrastructure</p> <p><i>WG Chair Dr Safra Altman, U.S. Army Corps of Engineers</i></p> <p>Presenting the scope and status of the forthcoming guidance. WG members represent 5 countries from both academic and industry organisations. In addition to an update on the guidance document, the presentation will also highlight and offer discussion on how climate change poses additional challenges and the need for greater innovation for future mitigation and management of IAS risks.</p>
<p>12:20-12:40</p>	<p>PRESENTATION 2: Practical Steps for Port Marine Biosecurity Management</p> <p><i>Ms. Lisa Reilly, Group Marine Environmental Manager, Peel Ports, UK</i></p> <p>With upward of 60 million vessel calls per year globally, effective marine biosecurity management is integral not only to ensure the protection of the unique values present within Port environs but also to ensure this ongoing facilitation of trade. This presentation will offer insight into current port practices for effective marine biosecurity management.</p>
<p>12:40-13:00</p>	<p>PRESENTATION 3: Ecological Engineering Solutions for Enhanced Biosecurity</p> <p><i>Guest Presenters – Dr Katherine Dafforn and Dr Nina Schaefer, Sydney Institute of Marine Science, Australia</i></p> <p>Ports inevitably have a high risk of invasive presence through vessel transit. Minimising success of establishment is one of the key objectives for research into engineering options for bio-secure infrastructure within the marine environment. This presentation will review key findings and future direction of this research.</p>
<p>13:00-13:30</p>	<p>INTERACTIVE SESSION: Climate Change, IAS and Maritime Infrastructure Risks</p> <p>Following a Q&A session, workshop attendees will be able to engage in a discussion on how climate change is likely to exacerbate IAS risks to maritime infrastructure and how to mitigate such effects. WG members will also outline areas where additional input from the broader research or industry community would be welcomed, for example, in relation to climate change influences, infrastructure modifications, and economic implications / evaluation of mitigation strategies.</p>

REGISTER HERE

