



Brussels, March 3, 2016.

*To the First Delegates of the  
Qualifying Members of PIANC  
To the National Sections'  
Secretaries of PIANC  
The Sister Associations of PIANC*

Subject: PIANC Cross-Commission Task Group 193 on **"Resilience of the Maritime and Inland Waterborne Transport System"**

Dear Madam, Dear Sir  
Dear Colleagues,

PIANC, through the work of its Permanent Task Group on Climate Change, is setting up a new cross-Commission **Task Group 193 on "Resilience of the Maritime and Inland Waterborne Transport System"** to summarize existing international experiences, develop guiding concepts, and identify future needs to support resilience improvement of the waterborne transportation system. The Technical Report to be developed by this Task Group will be applicable to inland, marine, environmental, and recreational activities and thus the resulting report will inform the formation of future potential working groups on the topic across PIANC's Commissions. The Terms of Reference and the background paper are enclosed herewith as part of this call for members.

PIANC is committed to the long-term success of the maritime and inland waterborne transport system (MIWTS). To that end, there is growing need to identify ways of improving the resilience of the MIWTS, which includes both mitigation and prevention of disruptions to the system, but also development of the capacity to rapidly recover or rebound from unexpected or overwhelming impacts. Building resilience will require an understanding of the interactions between multiple activities, including operations and maintenance of infrastructure, navigation, and use of dredged sediment, as well as long-range planning, engineering design, and construction of new projects. Improving resilience of the MIWTS must also consider the interdependencies with the larger multi-modal system. The PIANC Terms of Reference for the Task Group is focused on developing specific concepts of resilience for the MIWTS, leveraging and integrating knowledge from previous Working Groups across all of the technical Commissions within PIANC, describing best practices, metrics for resilience measurement, and identifying needs for further investigation.

It is intended that the Resilience TG will produce a Technical Report within one year of the formation of TG. The report will clarify concepts of resilience and their application to the MIWTS as well as identify critical components of the system that require future work of PIANC's Commissions.

We are looking forward to receiving the **nomination of experts from your country or organization**. We ask you to **inform PIANC HQ by 18 March 2016**, in order to enable the formation of the TG by April 2016. Please include the name, qualifications (curriculum vitae and professional experience), and contact information (including phone and e-mail address) for your nominated experts.

We remind you that in accordance with PIANC rules, the costs incurred in taking part in working groups' activities are borne by the member countries/organizations.

We thank you beforehand for your collaboration with PIANC and participation in this call for Task Group Members.

A handwritten signature in blue ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

Eng. Louis Van Schel,  
Secretary-General of PIANC