



PIANC Mediterranean Days 25 and 26 October 2023 & Ports of the Future 24 and 25 October 2023

In Sète (Occitanie, France)

Call for abstracts for Med Days

- *The French section of PIANC and the Cerema jointly organize from 24 to 26 October 2023 in Sète the International Mediterranean Days of PIANC and the meeting called « Ports of the Future ».*
- During these Days, engineers, experts and scientists will debate around different themes :
 - Infrastructures and maritime structures and inland waterways
 - Energy and ecological transitions
 - Numerical transition

The subjects mentioned in the three themes above will concern trade ports, leisure ports , fishing ports and inland navigation as well.

- Important dates :
 - Deadline for abstracts submission : March 15, 2023
 - Acceptance of the contributions : May 15, 2023
 - Deadline for submitting the full paper : September 15, 2023
 - Ports of the Future : 24-25 October 2023
 - Mediterranean Days : 25-26 October 2023
- You can find the complete call for abstracts on the French PIANC website <http://aipcn.fr/>
- Submission of a 400 words abstract, to be sent to aipcn-france.dtecemf@cerema.fr until March 15, 2023

Theme 1 : Infrastructures and maritime structures and inland waterways

1. Innovative materials and techniques in maritime or river port infrastructure
2. Adaptation of Port Work to :
 - Climate change (water level, storm surges)
 - Vessel size evolutions (draft, width, thrusters)
 - Maritime windmills development support needs
3. Ecodesign of works and infrastructures and circular economy
4. City-port integration (reappropriation of city centres with relocation of port activity outside, integration of land transport flows, etc.)
5. Port Masterplans and other ways of port planning
6. Asset management

Theme 2 : Decarbonation, energy and ecological transitions

1. Distribution of green fuels in ports and river infrastructures
2. Shore Power Supplies
3. Adaptation of ports and waterways to climate change
4. Development of ships and electric boats
5. Hydrogen: deployment in ports for ships or boats or for other uses
6. Examples of Marina or River Marina Transitions
7. Transition of fishing harbours
8. River fleet transformation measures and innovations
9. Deployment of renewable energy on port areas or under the responsibility of waterway managers

Theme 3 : Numerical transition

1. The BIM applied to asset management and to port and sea or river construction
 2. The rise of digital port, river and maritime twins
 3. New Wealth Management Tools, including Physical Monitoring and Testing
 4. Port Digitization and Big Data (Single Digital Platform, PCS, CCS)
 5. Artificial Intelligence at the service of actors and port operations
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