



XXI Global Congress of Ocean, Coastal and Navigation Waterways Engineering

October 26 and 27 of 2016

DECLARATION

1. Substantial technological improvements as well as sound, evidence based policies, are needed to assure an efficient and sustainable development of ocean, coastal and navigation waterways engineering in the countries that form the Global community.
2. By exchanging and applying scientific knowledge, engineering creativity and practice and up-to-date technology, engineers should be able to substantially introduce sustainable solutions in most areas of their activity that contribute to a society's life with quality.
3. Engineering is the activity of utilizing the output of science and technology to create safe and prosperous life for humanity. Engineers must not only work for the advancement of specialist knowledge in areas of science, technology and engineering, but they must also take into account concerns of the society.
4. Those engaged with engineering must achieve engineering innovation appropriate to the characteristics of each country and region for the advancement of ocean, coastal and navigation waterways projects in order to solve problems in these areas.
5. Engineers must not only work for improvement of ocean, coastal and navigation waterways to address particular problems, but should also contribute to the development of a better life for people living in the zones of each country and each coastal region.
6. In order to mitigate the effect of natural disasters that create problems in the oceans, coasts and navigation waterways, engineering has to implement measures to protect infrastructure with the most resilient technologies.

7. Engineering has to promote innovations that assure the quality of the works carried out in these areas.
8. Engineering education is important for enabling people to make use of up-to-date scientific knowledge.
9. Engineers, as members of society, must carry out their work providing for the enhancement of life conditions of society, focusing their activities on the creation of a prosperous and safe society.
10. There is a need to develop through engineering a sustainable society that leverages both science and technology.

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FEPIOC's President
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Ing. Mauricio Porraz J.L.
President UPADI's Committee on
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World Council of Civil Engineers WCCE



Technical Council



CONTINENTAL ENGINEERS CONGRESS OCEAN, COASTAL, RIVERS, CHANNELS & LAGOONS PANAMERICAN FEDERATION OF COASTAL AND OCEAN ENGINEERING



UPADI - PANAMÁ 2016



ACADEMIC OF
COASTAL RESOURCES
SMGE
(founded in 1833)



Gonzalo TE

May with 100 years

Alfaro