

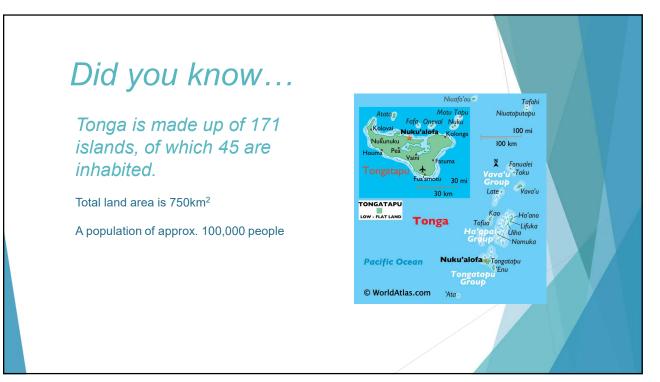
NauruAustraliaNauru is about 370,000 times smaller than Australia (in size)Pop. = 25.7 million GDP = USD 133 MillionGDP = USD 133 MillionGDP = USD 1,633 Billion GDP/capita = USD 10,000But Nauru is not the world's smallest island country by population: NiuePop. = 1,400And it is not the island country with the lowest GDP/capita = USD 1,500 MadagascarGDP/capita = USD 1,500 GDP/capita = USD 500	In comparison with Australi	a	
GDP = USD 133 MillionGDP = USD 1,633 BillionGDP/capita = USD 10,000GDP/capita = USD 63,000But Nauru is not the world's smallest island country by population: NiuePop. = 1,400And it is not the island country with the lowest GDP/capita: Kiribati / Comoros / Timor-LesteGDP/capita = USD 1,500	Nauru is about 370,000 times smaller	Australia	
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Generally, small island countries have small populations and are not wealthy.

Small Island Developing States (SIDS) are a distinct group of 58 countries that face unique social, economic and environmental vulnerabilities.

The aggregate population of all SIDS is 65 million.

*Tourism and fisheries can constitute over half of the GDP of small island economies.* 





## Since 2015, Tonga has had to face: • A drought 3 extremely destructive category 5 cyclones ٠ Cylone Gita (2018) caused damage equivalent to 38% of the country's GDP 7





- A drought
- 3 extremely destructive category 5 cyclones
- An enormous volcanic eruption
- A tsunami



Hunga Tonga-Hunga Ha'apai eruption (2022), which also resulted in a tsunami, caused damage equivalent to 19% of the country's GDP





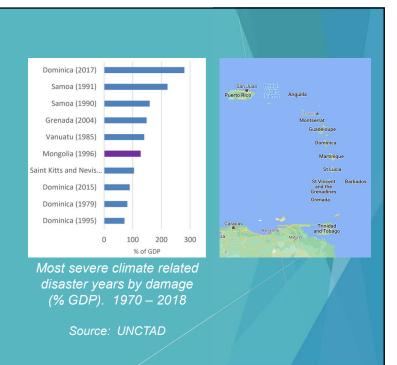
In September 2017, Hurricane Irma (Cat 5) displaced over 1.7 million people in Cuba, the Dominican Republic, Haiti, and Antigua and Barbuda.

On the island of Barbuda, mass destruction of infrastructure resulted in ~50% of the population being left homeless.

The same hurricane left two-thirds of homes on the island of St Martin uninhabitable, with no electricity, gas or drinking water.

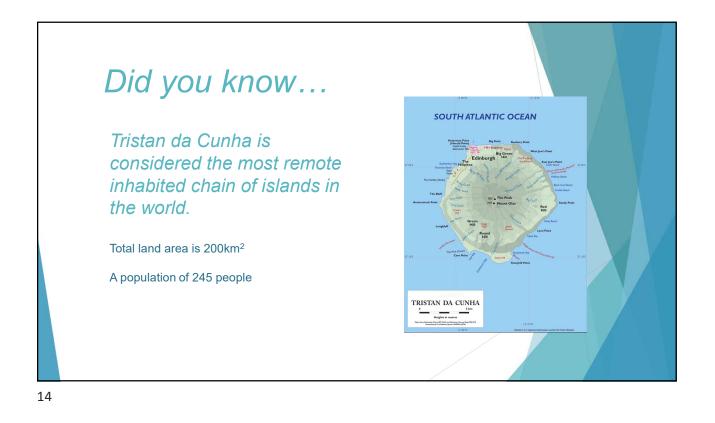


Small island developing states experience the world's highest frequency of natural disasters, including hurricanes, cyclones, seismic activity, volcanic eruptions, and tsunamis.













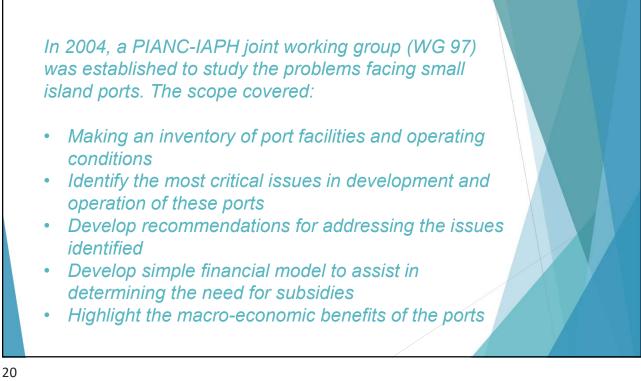
"Making the right decisions today could mean huge savings for countries and free up more money to be spent elsewhere to ensure a better quality of life for citizens well into the future"

UNOPS – 'Making small island developing states resilient'





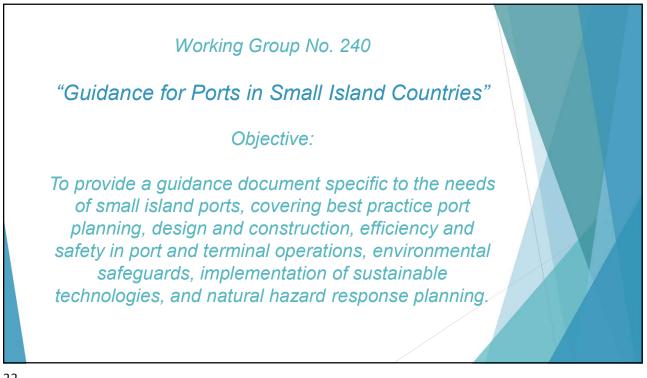




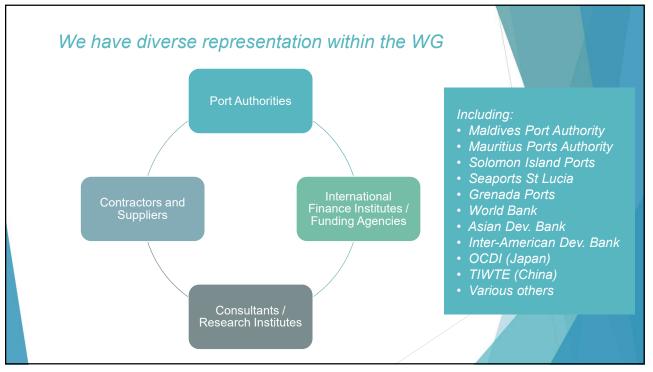
Since the report was published in 2008, PIANC has prepared or updated a number of guidelines relating to environmental management, planning, design and construction of port infrastructure, and inspection, maintenance and repair.

Whilst these guidelines are highly relevant to developing island states, there is a need for planning and engineering solutions which give appropriate recognition to the problems posed by remoteness, limited capabilities and sensitive environments.









4.2 Port Lossinos 4.3 Muntaenis Her LifeLine" 4.4 Port PLANING 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.	a draft report by end of 2023.
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