Working Week 2021.

Maps as measurement

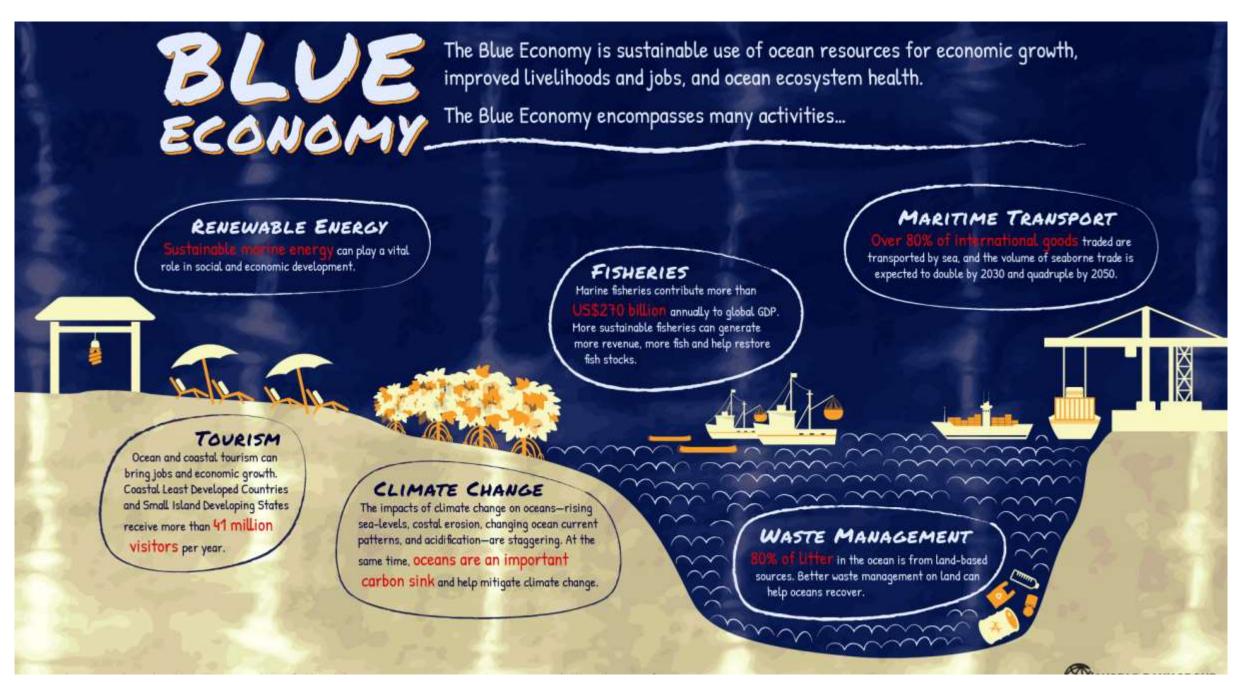
Marine protected areas and global conservation targets

Lisa M. Campbell, Nicholas School of Environment, Duke University, USA Noella Gray, Department of Geography, Environment, and Geomatics, University of Guelph, CA



Representing ocean space





Maps as productive of space

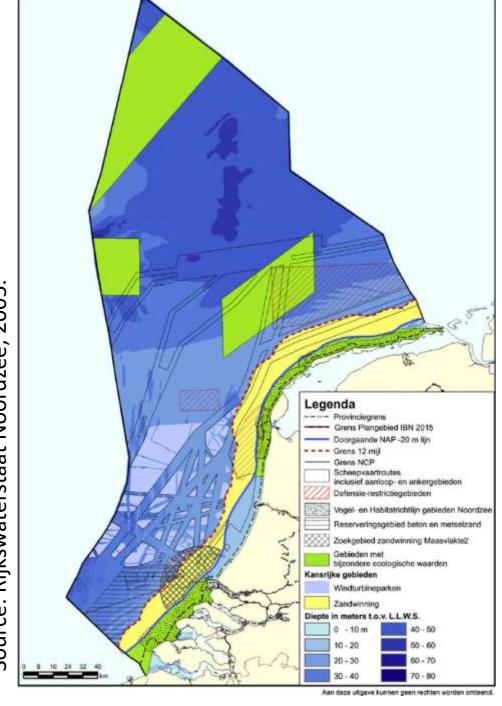
In representing, maps simultaneously "provide the very conditions of possibility for the worlds we inhabit and the subjects we become."

Pickles 2004, 5

Source: en.m.wikipedia.org/wiki/File:Netherlands_location_map.svg



Source: Rijkswaterstaat Noordzee, 2005.



Maps as the measure of conservation

Because metrological practices define what warrants measurement, they "do no just reflect reality as it is. They create new realities (calculable objects)."

Barry and Slater, 2002, 30

S goa by Governing

MILLENNIUM **DEVELOPMENT GOALS End Poverty** and Hunger Universal Education Gender Equality Child Health Maternal Health Combat **HIV/AIDS** Environmental ち Sustainability ∯ Global Partnership

SUSTAINABLE GALS

















































Do: Set real numbers with real deadlines.

Don't: Say,
"I want more
visitors."

Do: Make sure your goal is trackable.

Don't: Hide behind buzzwords like, "brand engagement," or, "social influence." Do: Work towards a goal that is challenging, but possible.

Don't: Try to take over the world in one night. Do: Be honest with yourself- you know what you and your team are capable of.

Don't: Forget any hurdles you may have to overcome.

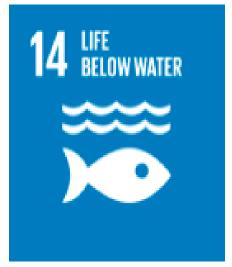
Do: Give yourself a deadline.

Don't: Keep pushing towards a goal you might hit, "some day."

Image: hydratemarketing.com

Marine Protected Areas Targets

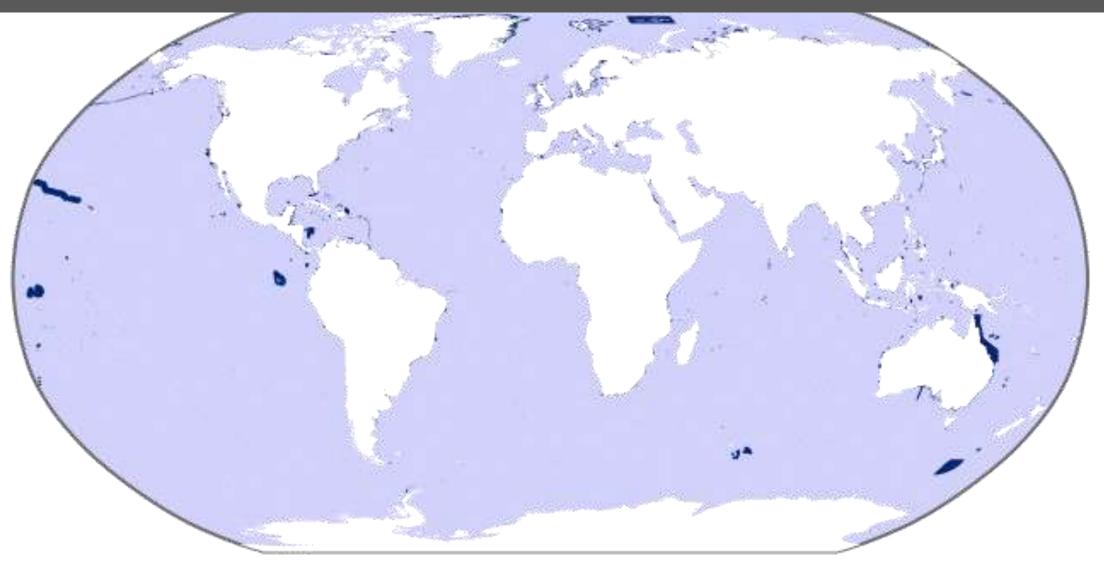




14.5 - By 2030, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information

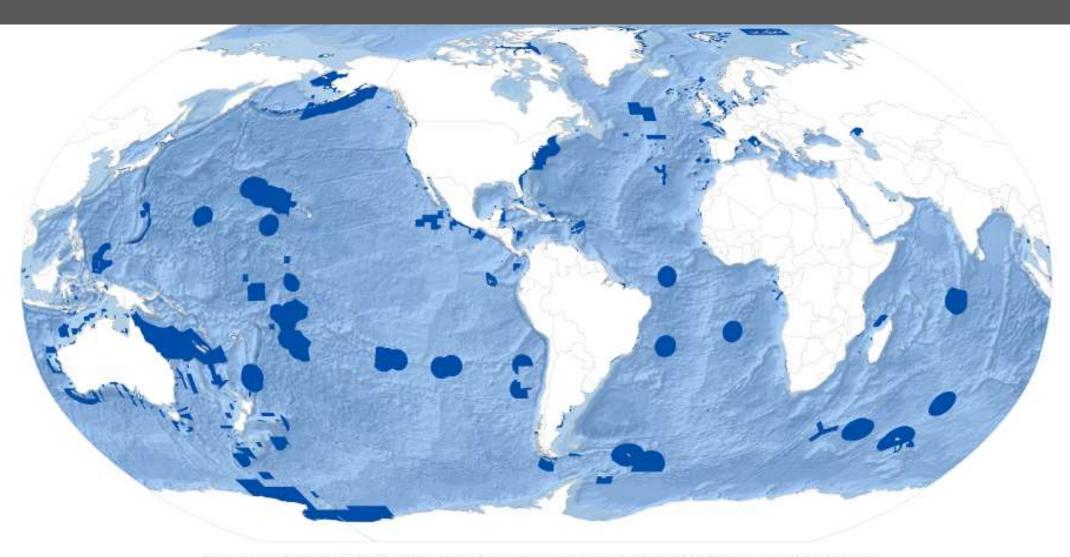
Indicator:

14.5.1 - Coverage of protected areas in relation to marine areas



2008

Source: www.mpaglobal.org



Source: UNEP-WCMC and IUCN (2019). Protected Planet: The World Database on Protected Areas (WDPA) [On-line], May 2019, Cambridge, UK: UNEP-WCMC. Available at www.protectedplanet.net



#BREAKING: The world has met #AichiTarget11 on #ProtectedAreas.

The new #ProtectedPlanet report shows that we must focus on improving the quality of existing and new protected and conserved areas to benefit #nature and people.

Full report: bit.ly/2RjLnMz





PROTECTED AREAS

By 2020, at least 17 per cent of terrestrial and inland water areas and 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscape and seascape.



PROTECTED AREAS

By 2020, at least 17 per cent of terrestrial and inland water areas and 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscape and seascape.

TARGET ELEMENTS

- 1. 17% of terrestrial and inland water areas conserved
- 2. 10% of coastal and marine areas conserved
- 3. Areas of particular importance conserved
- 4. Protected areas are effectively and equitably managed
- 5. Protected areas are ecologically representative
- 6. Protected areas are well connected and integrated



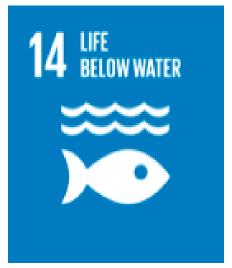
Marine Protected Areas Targets



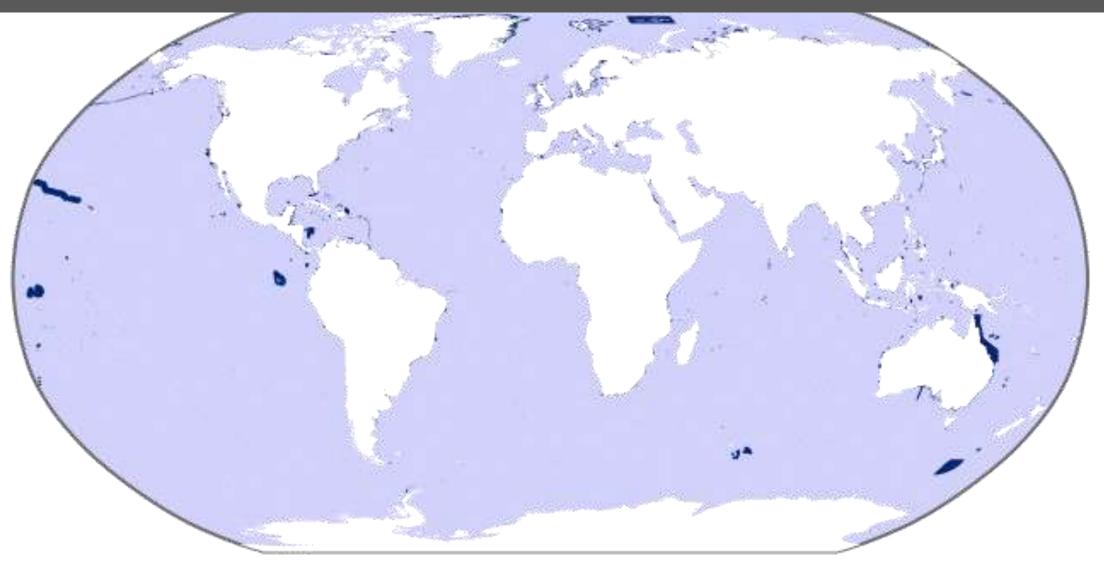


By 2020, at least ... 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well connected systems of protected areas...



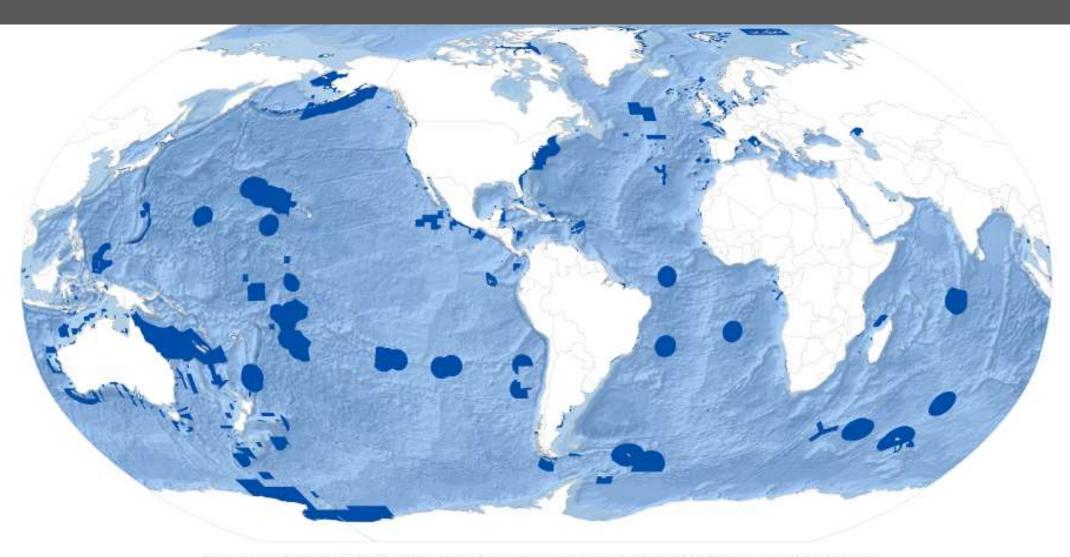


14.5 By 2030, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information



2008

Source: www.mpaglobal.org



Source: UNEP-WCMC and IUCN (2019). Protected Planet: The World Database on Protected Areas (WDPA) [On-line], May 2019, Cambridge, UK: UNEP-WCMC. Available at www.protectedplanet.net

Less Successful Elements in Aichi Target 11

Element 4 - Protected Areas are effectively and equitable managed

For effective:

- Failure to measure
- Ineffective management

For equity:

Lack of measurability

The Next Protected Areas Target?

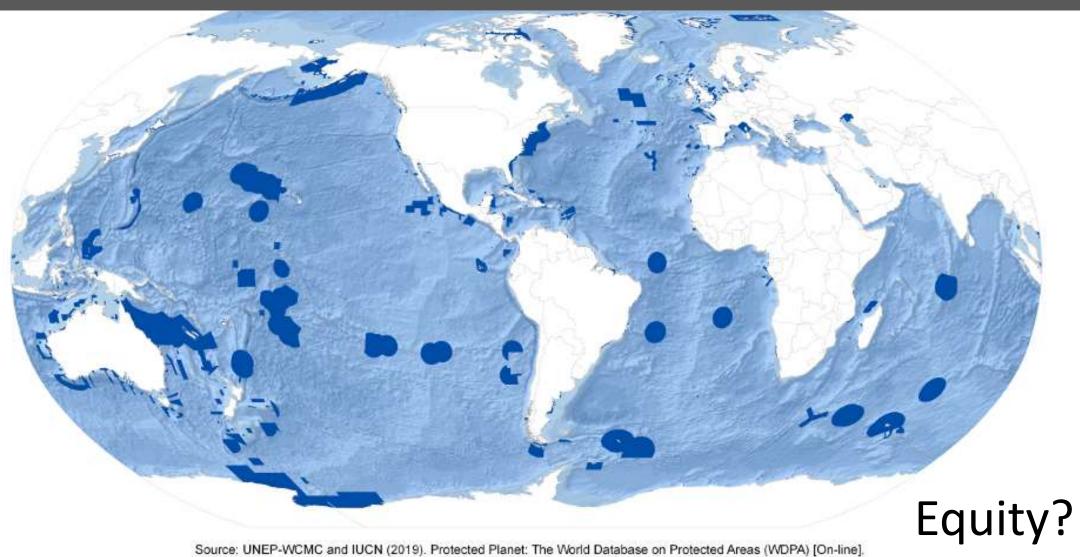


ZERO DRAFT of the Post 2020 Agenda for the CBD

Target 2. By 2030, protect and conserve through well connected and effective system of protected areas and other effective area-based conservation measures at least **30 per cent** of the planet with the focus on areas particularly important for biodiversity.

Equity?

The Limits of Maps as Measurement



May 2019, Cambridge, UK: UNEP-WCMC. Available at www.protectedplanet.net