OUR OCEAN
MALTA, 5-6 OCTOBER 2017

How to further good management for a safe and healthy ocean?

Scenesetting
Our Ocean Leadership Panel
Friday 6 October 15:45-17:15

Kristina M. Gjerde
Senior High Seas Advisor
IUCN Global Marine and Polar Programme
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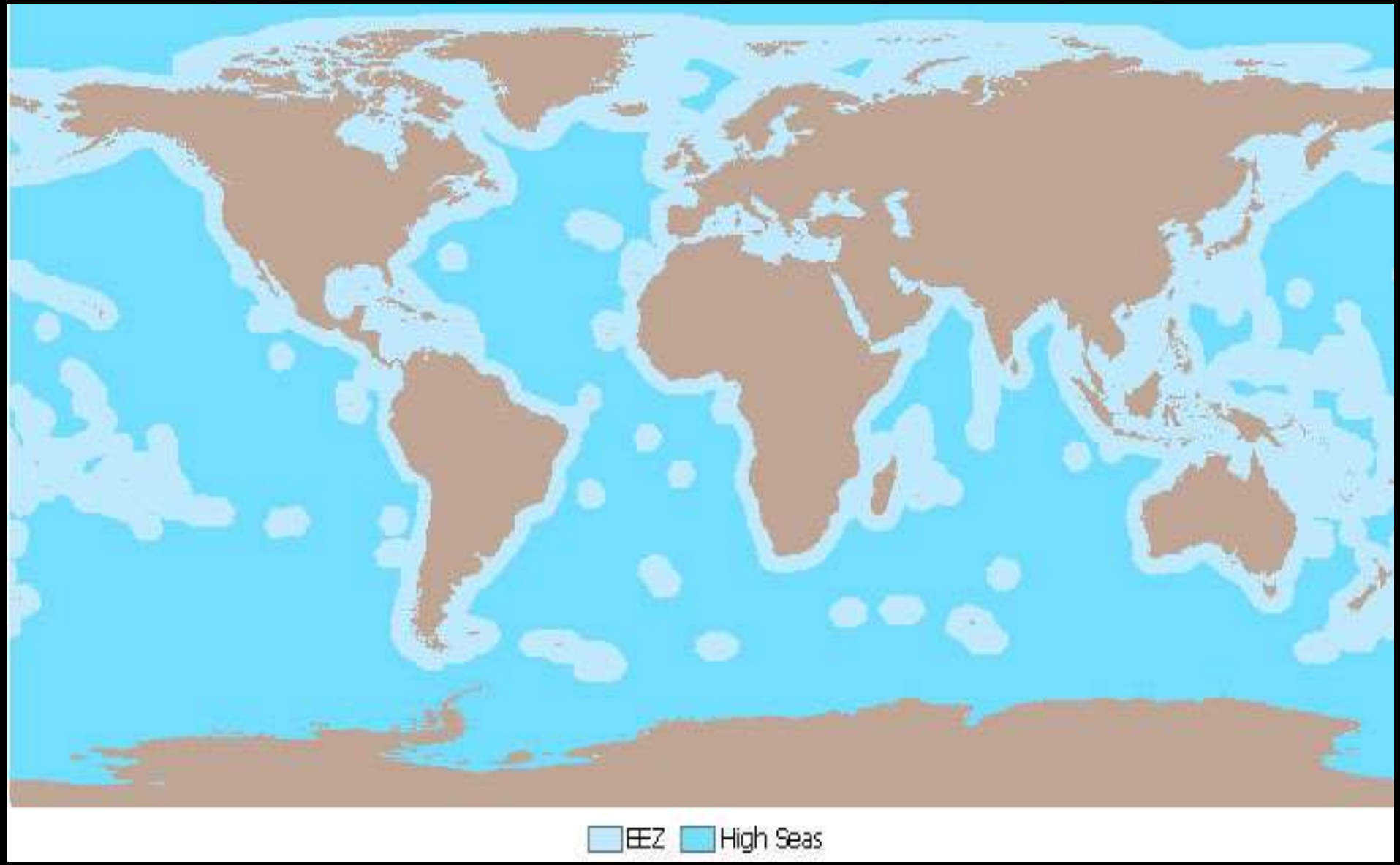
64 % of the ocean is beyond the limits of national jurisdiction



Map Courtesy UN DOALOS


Ocean Life
Diversity, Distribution, Abundance
NATIONAL GEOGRAPHIC
IN PARTNERSHIP WITH
CENSUS OF MARINE LIFE
Discovery and Fascination
ARCTIC JELLY
DEEP OCEAN SEA CUCUMBER
ICE FISH
DINOFLAGELLATE
SEA SPIDER
Ocean Habitats
CORAL REEF
CONTINENTAL MARGIN
CONTINENTAL SHELF
MID-OCEAN RIDGE
VENT
SEEP
SEAMOUNT
NEAR SHORE
CORAL REEFS
CONTINENTAL SHELVES
CONTINENTAL MARGINS
OPEN OCEAN
MID-OCEAN RIDGES
VENTS AND SEEPS
SEAMOUNTS
ABYSSAL PLAINS
ICE OCEANS
Polar Regions
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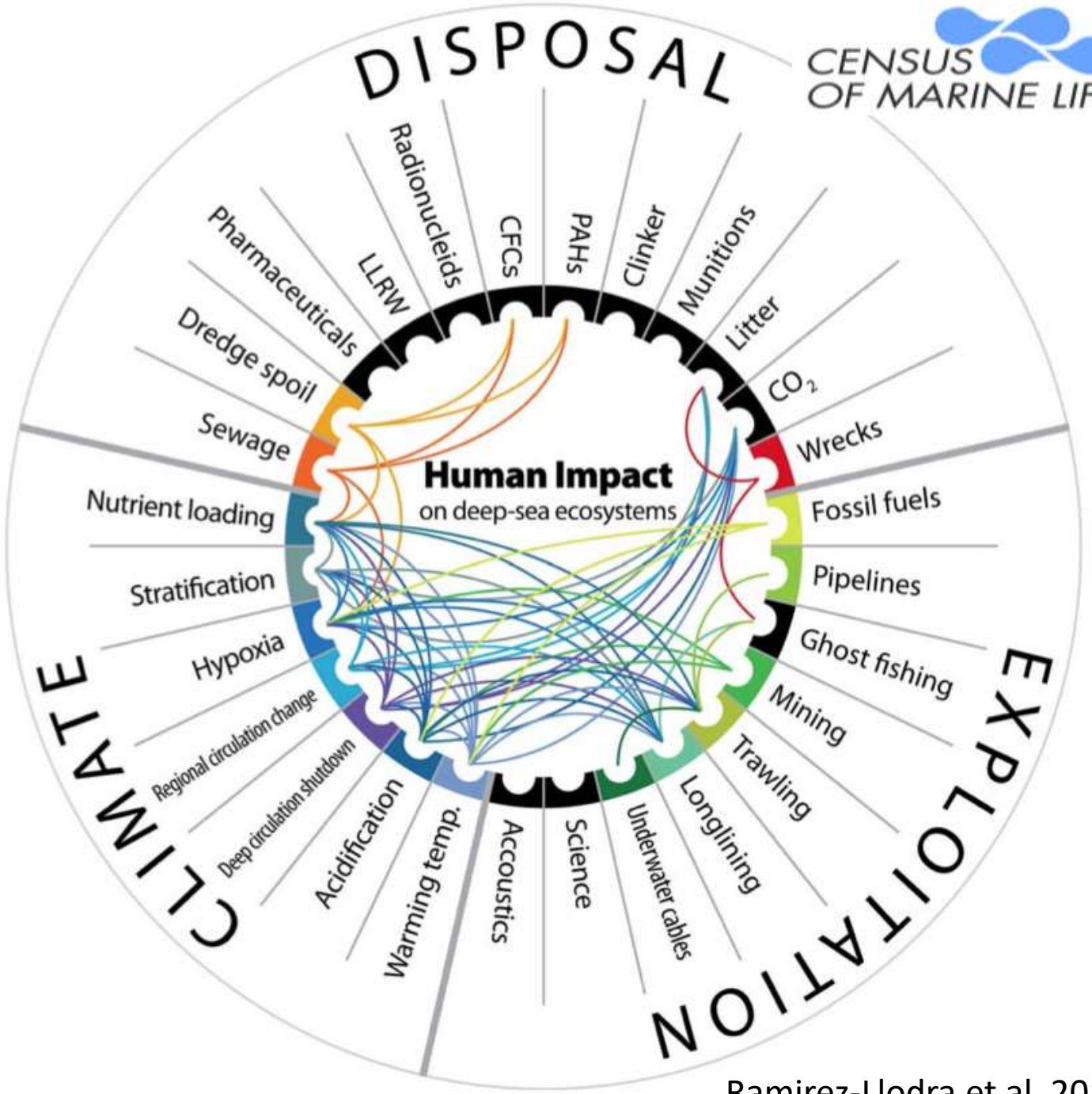
PACIFIC BLUEFIN TUNA
PACIFIC WHALES
PACIFIC SEA TURTLES
PACIFIC SEABIRDS
PACIFIC SHARKS
PACIFIC PINNIPEDS
ATLANTIC BLUEFIN TUNA
ATLANTIC SEA TURTLES
ATLANTIC SEABIRDS
SOUTHERN OCEAN PINNIPEDS
INDIAN OCEAN WHITE SHARKS
VERTICAL MOVEMENT
CENSUS OF MARINE LIFE

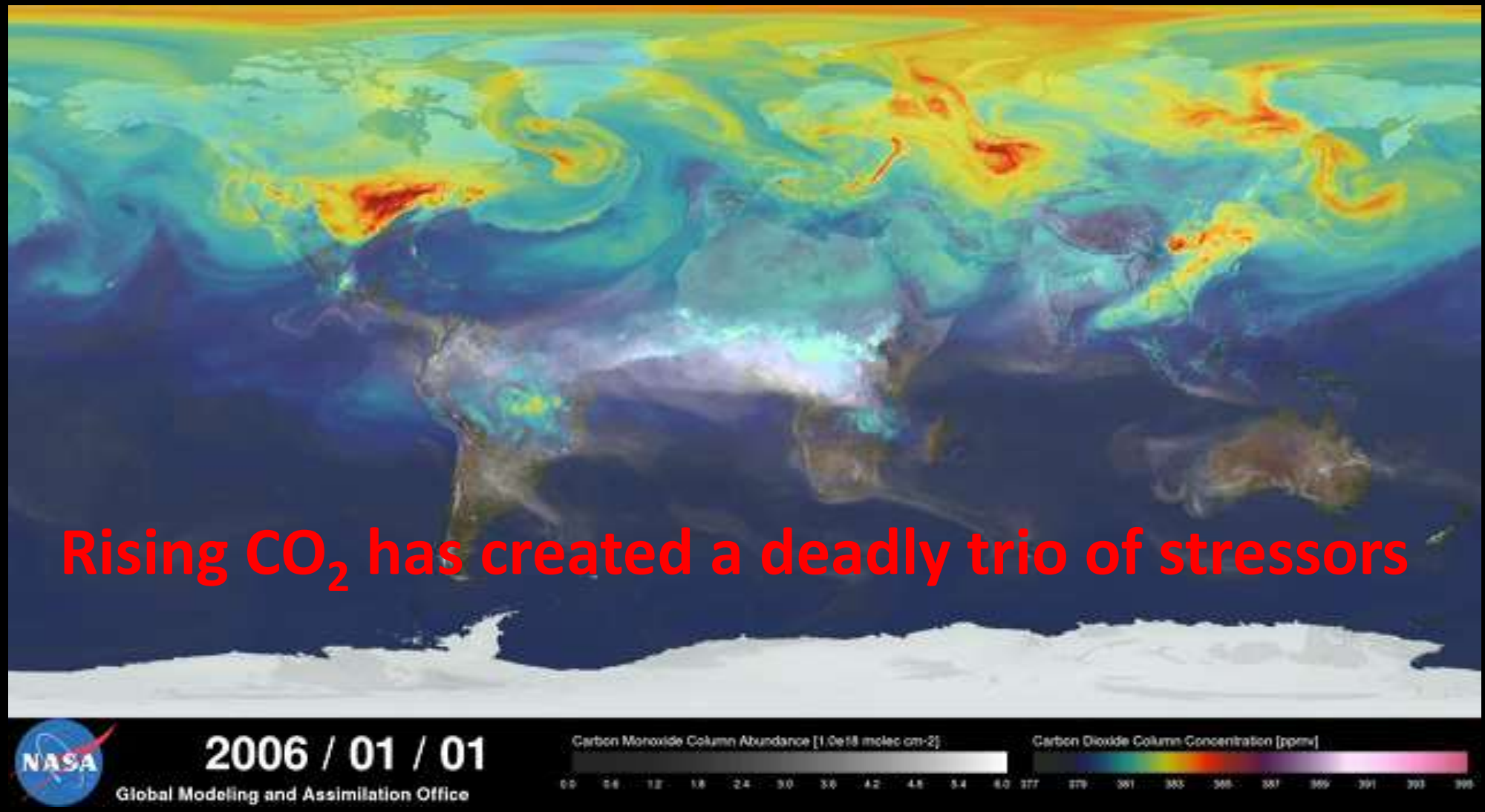
"The greatest threat to the ocean comes from a failure to deal quickly with the manifold problems that have been described above."

UN Regular Process, 2015. FIRST GLOBAL INTEGRATED MARINE ASSESSMENT

http://www.un.org/depts/los/global_reporting/WOA_RegProcess.htm



Ramirez-Llodra et al. 2011

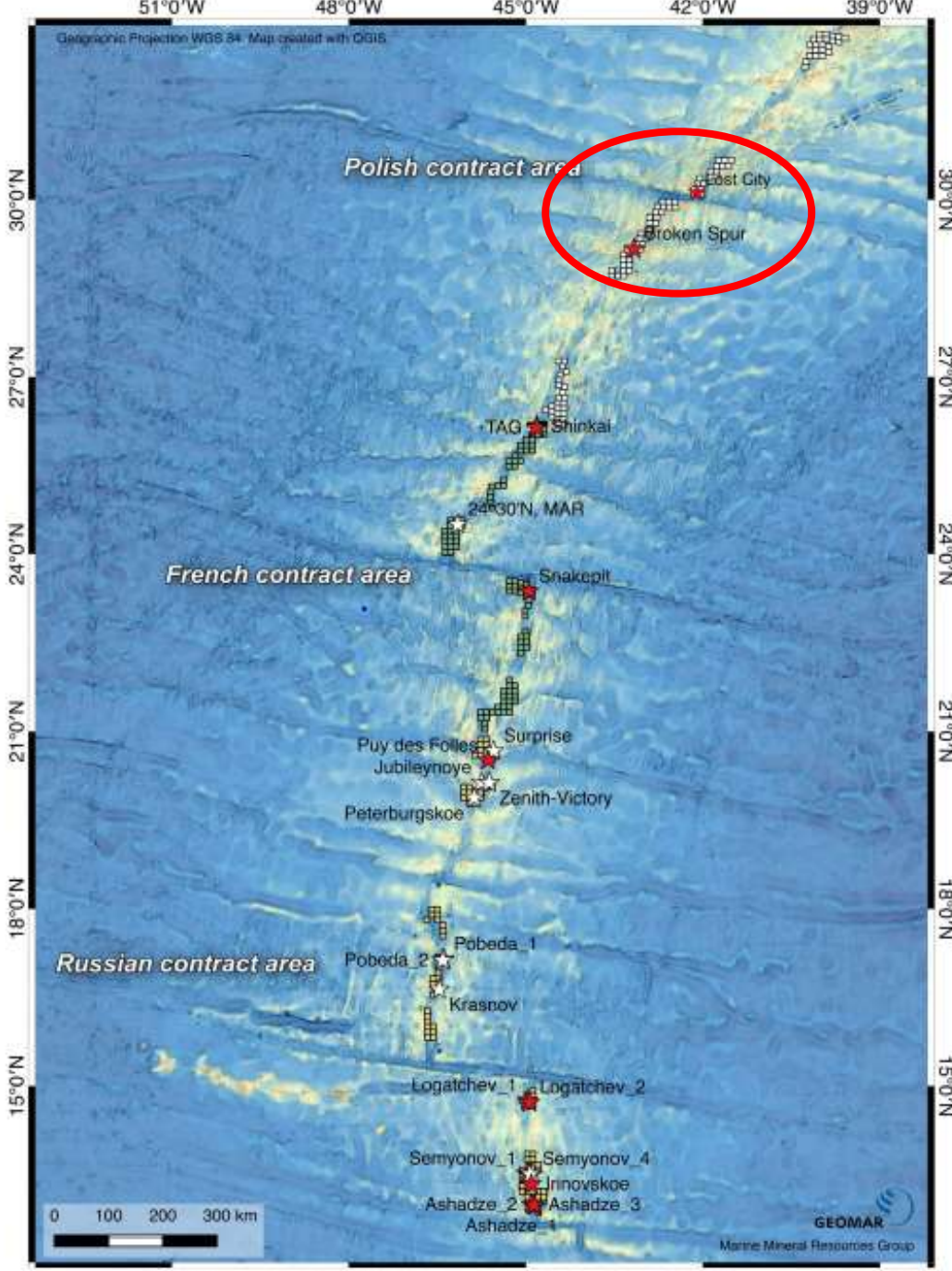


Slide courtesy Lisa A. Levin, PhD.
Center for Marine Biodiversity & Conservation,
Scripps Institution of Oceanography, La Jolla, CA

Photo courtesy John B. Weller

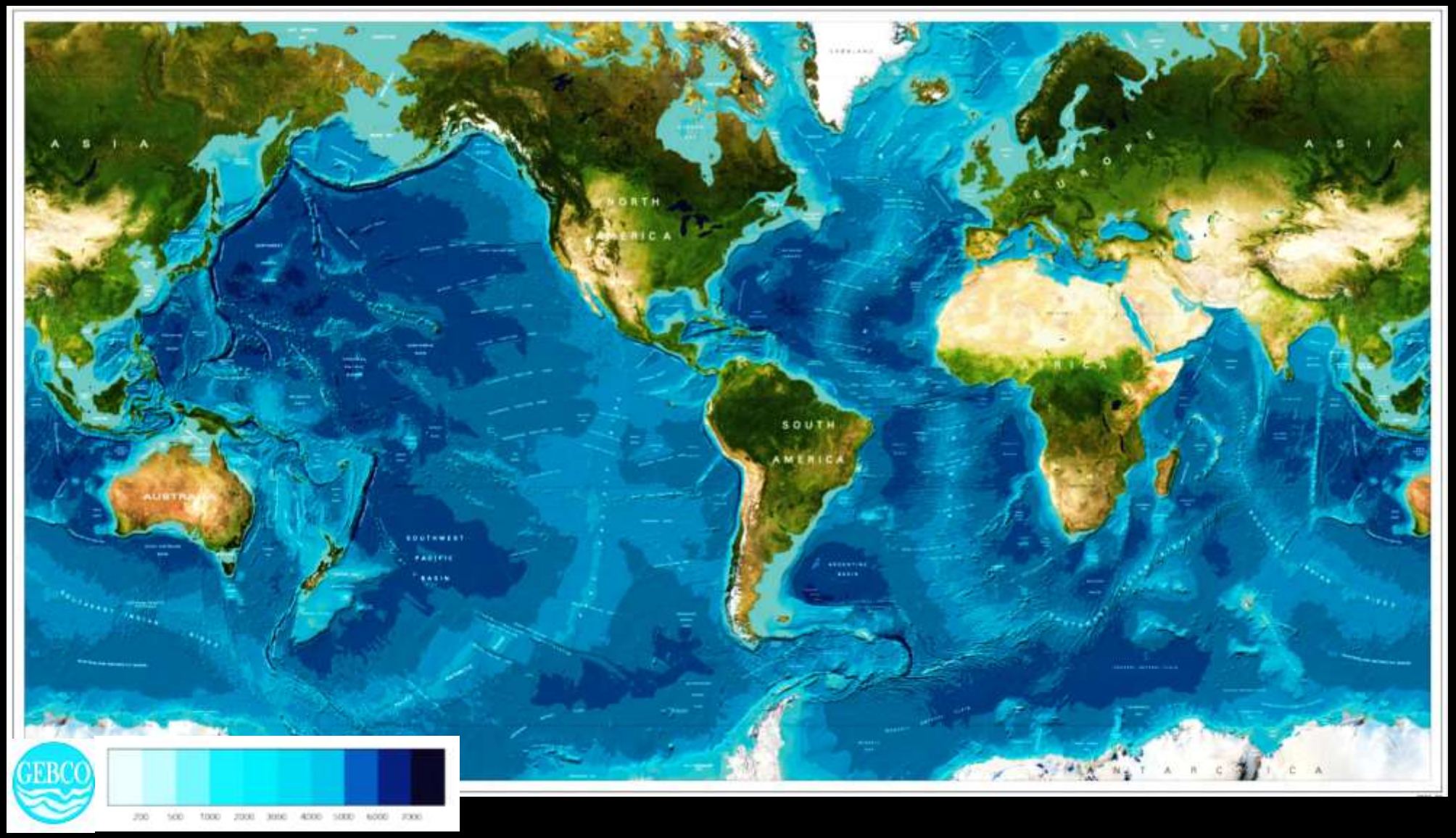
The Lost City Hydrothermal Field, Atlantis Massif, Mid-Atlantic Ridge

Courtesy of IFE, URI-IAO, Lost City science party, and NOAA



Map courtesy Sven Petersen

The largest habitat for life on Earth is highly diverse & largely unexplored



98% of the ocean's volume is > 200m deep

Time for an Ocean Sustainability Bank?

- National implementation
- Collective conservation
- Research and observations
- Ocean innovation

Slide courtesy Torsten Thiele, Global Ocean Trust

Forty years from now

children will live in a world

shaped by our choices

Gregory C. Johnson, 2013
Climate Change Science Haiku

Thank you for your attention!

NASA, 2010. View from the International Space Station

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