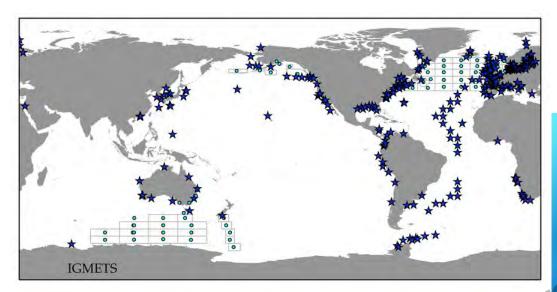


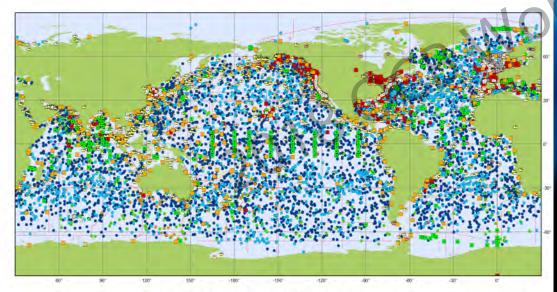


What's not to love?!



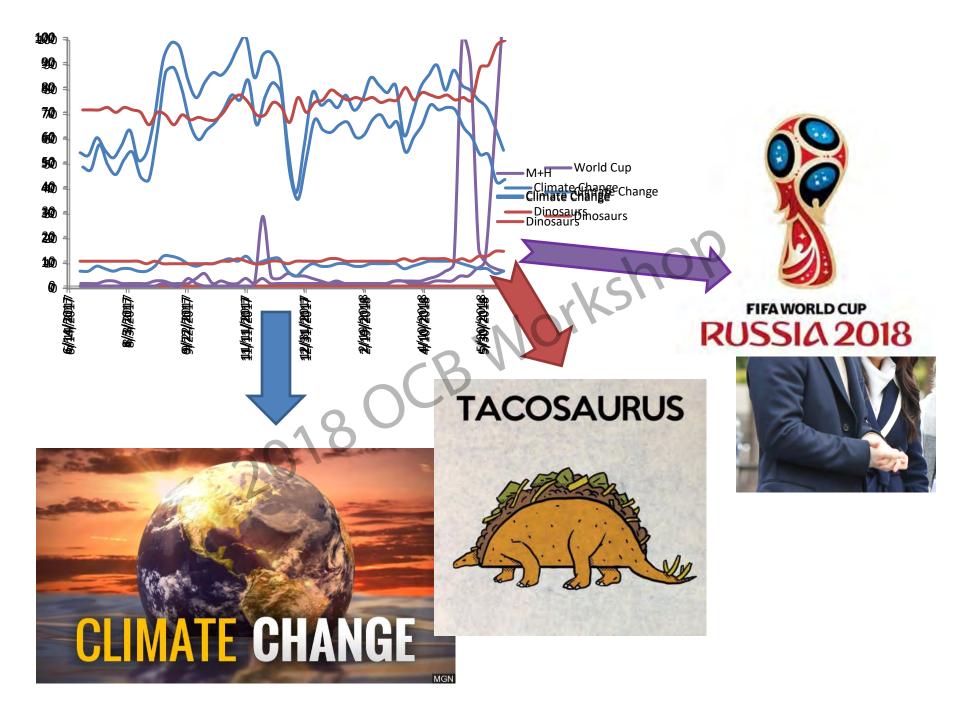
- Regular sampling
- Long-term; Sustained through time
- Sample at a fixed location/region
- Possibilities for process studies hinging on TS infrastructure
- Provide baseline data and lead to new discoveries otherwise unattainable







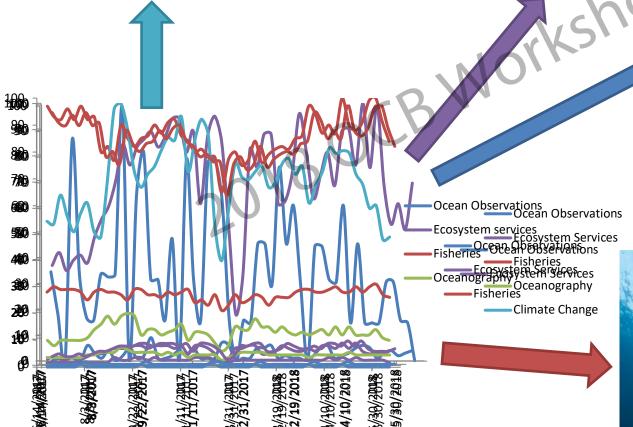






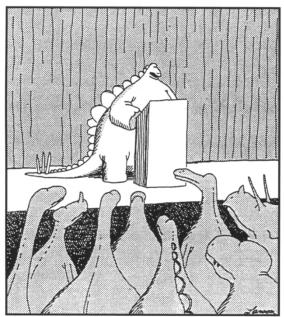


https://www.frontie rsin.org/articles/10. 3389/fenvs.2016.00 041/full









"The picture's pretty bleak, gentlemen. ...

The world's climates are changing, the mammals are taking over, and we all have a brain about the size of a walnut."



COURAGE! GALLANTRY! **EMOTION! VIOLENCE!** From The Boldest Best-Seller Of All! ETERNITY WHAT'S IN STORE FOR TIME SERIES? San has a little (MCCO charles to car a SEC SEC Printers (SCO SEC) many a 183 MARCH



We've got to start thinking outside the box to sustain observations

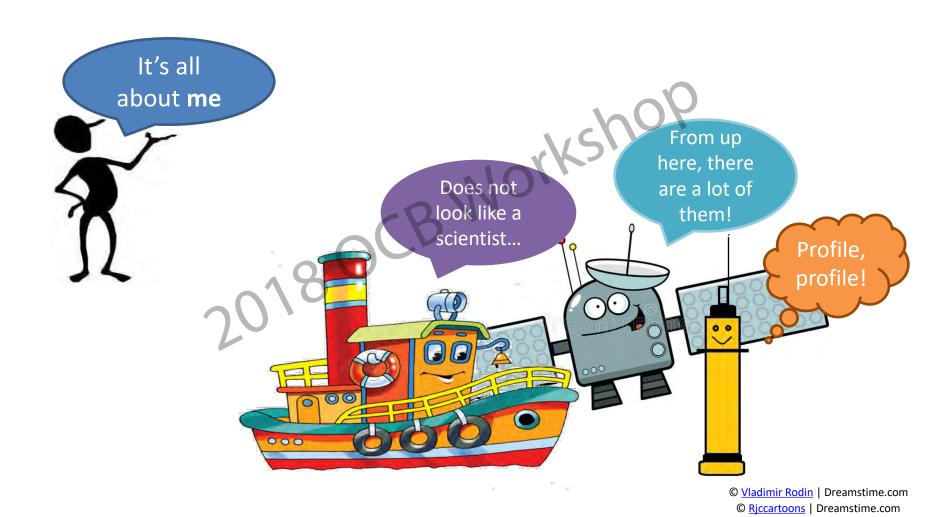
MBON-Type

Ship-Based TS Evolution of sust. obs.

LTER

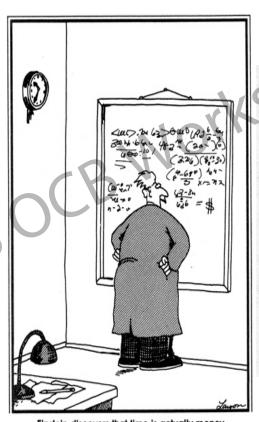
Autonomous

Two-legged species are important!

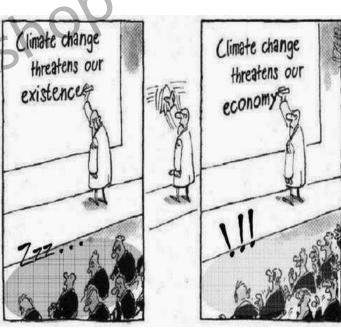


What's in store for Time-Series?

- What kind of change can we do?
- Core set of measurements
- Stakeholder engagement
- Don't showcase just the problem; showcase alternatives
- Nations will choose what's best for them, not necessarily what's right







What's in store for Time-Series?

- Fit for purpose data, relevant for society/ stakeholders
- Strength in numbers
- UN Decade of the Ocean;
 OceanObs19

