Ocean Observing System Report Card

GOOS Steering Committee Meeting

Observations Coordination Group
OceanOPS

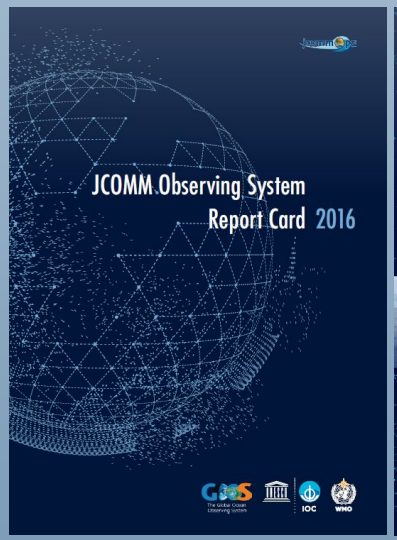
reportcard@ocean-ops.org

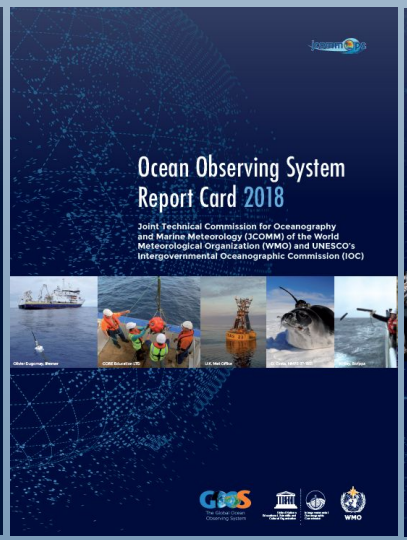
November, 30th 2021

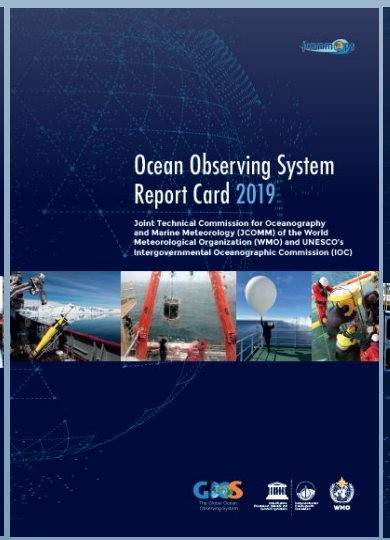
REPORT CARD OVERVIEW

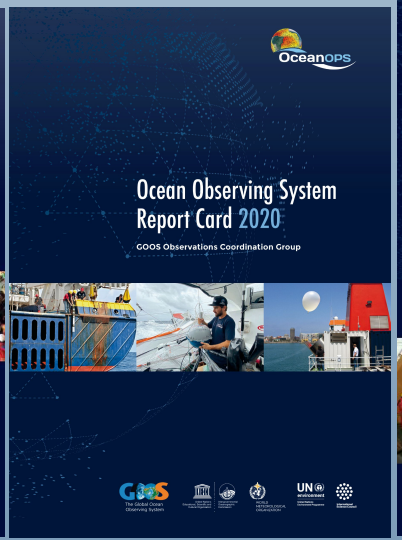
ocean-ops.org/reportcard

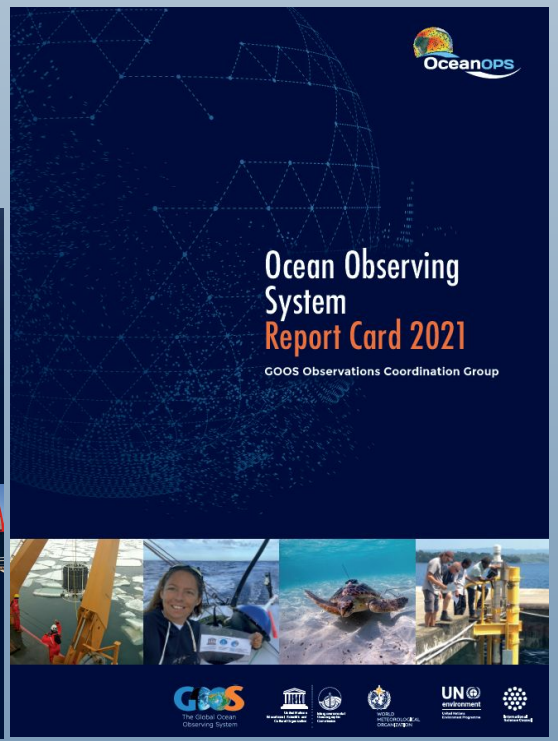
- 5th edition released in July 2021 – *A successful collective product by ~~JCOMM~~ GOOS OCG & OceanOPS*
- EDITORIAL BOARD: made up of volunteers from OCG networks and renewed every year
- OBJECTIVE: communicate on the status and value of an integrated observing system, through stories highlighting the use of observations across GOOS OCG Networks, assessing progresses of the networks, challenges, encouraging international collaboration, promoting innovation and emerging capabilities.
- AUDIENCES: funders and implementers of the observing system, high-level stakeholders and decision makers, WMO-IOC Member States
- FORMAT: Web + PDF







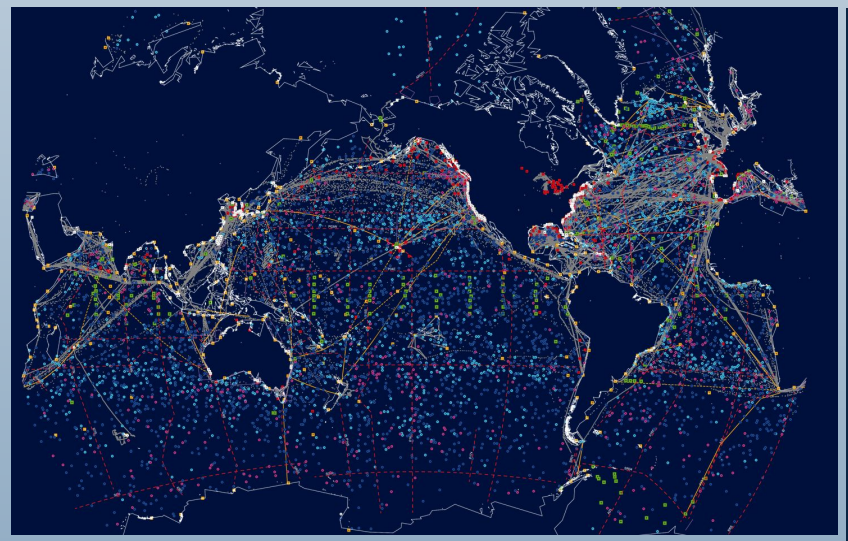




REPORT CARD EVOLUTION OVER THE NEXT YEARS

Suggestion

- GOOS SC is invited to guide development **towards a broader GOOS Report Card** - beyond OCG networks (list/map below)



GOOS *in situ* networks [1]	Implementation	Data & metadata			Best practices [6]	GOOS delivery areas [7]		
	Status [2]	Real time [3]	Archived high quality [4]	Metadata [5]		Operational services	Climate	Ocean Health
Ship based meteorological measurements – SOT/VOS	★★☆	★★★	★★★	★★☆	★★☆			
Ship based aerological measurements – SOT/ASAP	★☆☆	★★★	☆☆☆	★★☆	★☆☆			
Ship based oceanographic measurements – SOT/SOOP-XBT	★★☆	★★★	★★★	★★☆	★★☆			
Sea level gauges – GLOSS	★★★	★★☆	★★★	★☆☆	★★☆			
Drifting and polar buoys – DBCP	★★★	★★★	★★☆	★★☆	★★☆			
Moored buoys – DBCP	★★☆	★★★	★★☆	★★☆	★★☆		O_2	
Long-term time series sites – OceanSITES	★★☆	Not applicable	★★☆	★★☆	★★☆		O_2	O_2
Profiling floats – Argo	★★★	★★★	★★★	★★★	★★☆			
Repeated transects – GO-SHIP	★★★	★☆☆	★★★	★★☆	★★★		O_2	O_2
OceanGliders	★☆☆ Emerging	★★☆	★☆☆	★★★	★☆☆		O_2	O_2
HF radars	☆☆☆ Emerging	★★★	★★★	★☆☆	★★★			
Biogeochemistry & Deep floats – Argo	★☆☆ Emerging	★★★	★☆☆	★★★	★★☆		O_2	O_2
Animal borne ocean sensors - AniBOS	☆☆☆ Emerging	★★★	★★☆	★☆☆	★★☆			

Checkboxes enable and disable layers

Click on network names for links to each network and click on implementation stars to view related KPIs.

REPORT CARD EVOLUTION

From a "GOOS OCG" to a "GOOS" ReporCard

- Elements to consider moving forward:
  - Expand Editorial Board: include 1 nominated person for each GOOS Panel
  - Expand Monitoring: need technical improvements to connect to OceanOPS system and report on network status beyond OCG
  - Evolve design: add more pages to include more content
  - Expand content: towards the three GOOS delivery area
  - Expand specific resources following the GOOS Implementation Plan "0.5 FTE BioEco connections, 0.5 FTE expanded editorial "
  - Work with BioEco Panel (network metrics)
  - Evolve system visualization towards EOVs

- Beyond these suggestions, the OCG recommends the Report Card to remain similar, including:
  - Stories that highlight the importance of integration (across GOOS), innovation/tech. development.
  - Networks status table & map (increased to cover BioEco, other human impacts in the future ?)
  - Acknowledgements to observing networks, investors and communities
  - Call for action section

- Use the survey result to propose further improvements (forms.office.com/r/TYvLdggHdE)

Report Card evolution

Timeline

2022

- Evolve the Editorial Board
- Engage with BioEco
- Expand content & resources

2023

- Pilot BioEco content & broader GOOS
- Expand distribution & reporting, resources

2024 –2025

- 1st full GOOS Report Card
- Expanded content, audience, resources

KEY POINTS

& action items...

- GOOS SC to approve evolution plan, timeline and make further suggestions
- Request Panels to designate editorial and technical focal points
- OceanOPS will need additional support to enable expansion of the Report Card, GOOS to consider how to resource this work

Спасибо

Thank you

Gracias

Merci

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Observation

Integration

Communication

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