

The Global Ocean Observing System  
*goosocean.org*

# GOOS SC-10, 2021 Regional Workshop opening

**Toste Tanhua**

*Co-chair, GOOS Steering Committee, [ttanhua@geomar.de](mailto:ttanhua@geomar.de)*

*GOOS regional workshop, 29 November 2021*





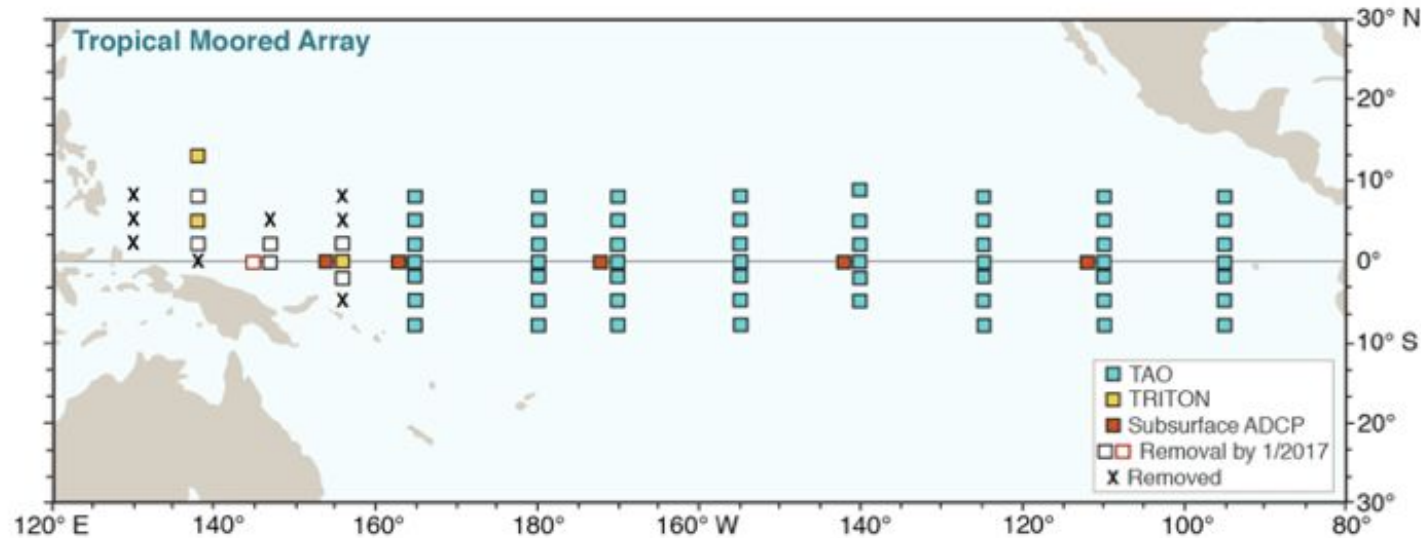
# A Global system, but with regional implementation

What are the options for an effective connections between  
global and regional scales?

Between guiding principles / best practices and regional  
implementation?

**A number of regional structures can be envisioned.**

# Basin scale is a different mechanism: Examples TPOS and AtlantOS (SOOS, SAON)



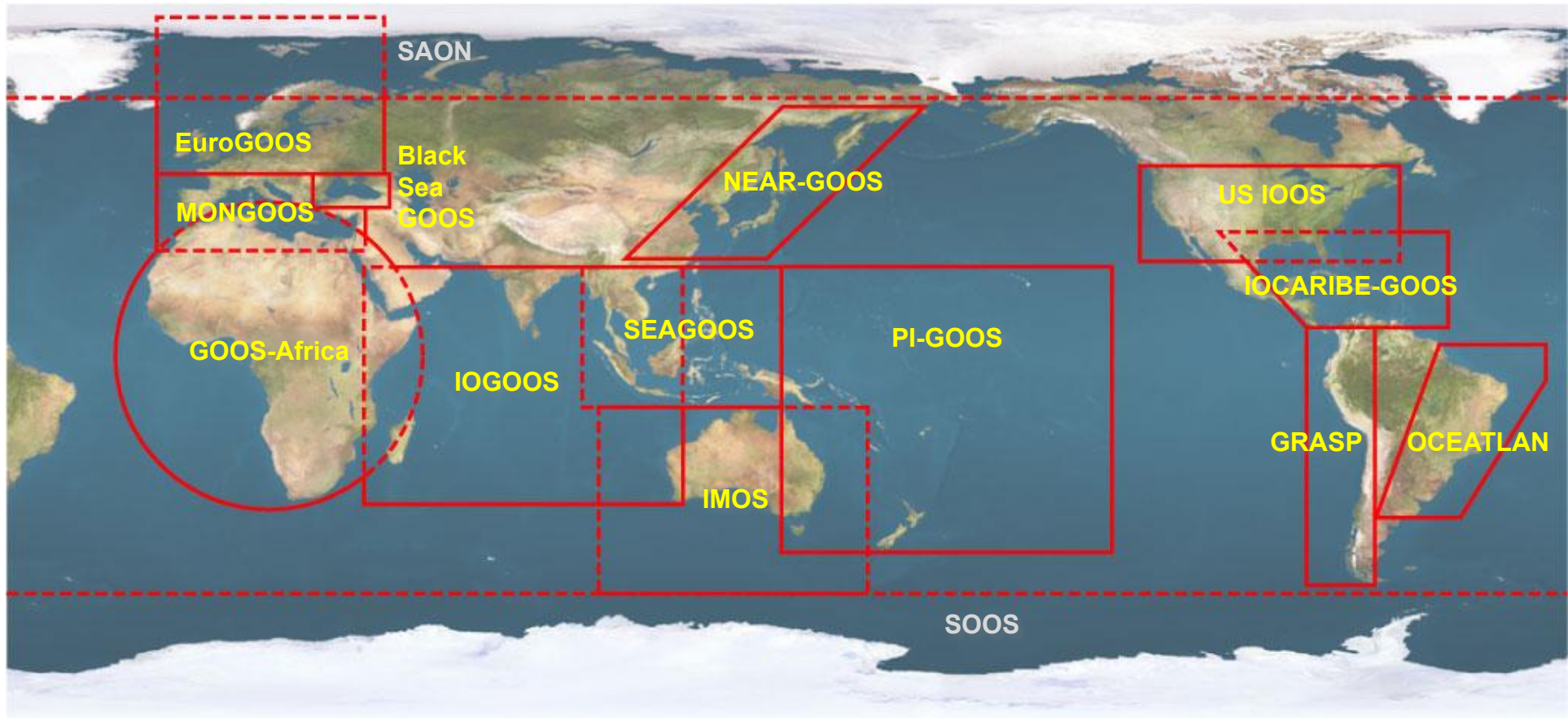
AtlantOS  
Coverage  
Area

AtlantOS





# GOOS Regional Alliances, and collaborating regional observing systems – One mechanism for regional implementation of GOOS



# GOOS National Focal Points

## Link to National Systems



## GOOS National Focal Points

The National Focal Points are the appropriate contact points in each Member State for affairs regarding the implementation of the Global Ocean Observing System (GOOS) at national and global levels. This list of GOOS National Focal Points is based on answers to [Circular Letter 2666](#) sent on 1 June 2017 requested nominations for [GOOS](#), [JGOVM](#), [Argo](#), [GLOSS](#), [DBCP](#) and [SOT](#) focal points. GOOS Focal Points are nominated via one of three channels : IOC National Focal Point, Ministry of Foreign Affairs or Permanent Delegation to UNESCO. Scans of all nominations forms for focal points received to date can be found [here](#).

### People in GOOS National Focal Points

[\[Email Lists\]](#) [\[Printable List\]](#) [\[Email these People\]](#)

Showing 1-10 of 58 people (ordered by country)

Display: [10](#), [20](#), [50](#), [All records](#).

COUNTRY	NAME, POSITION, INSTITUTION, ROLE	TEL/FAX
ARGENTINA	<a href="#">Alvaro SCARDILLI</a> Head Department Servicio de Hidrografía Naval	Tel: +54 11 4317 2532
BELGIUM	<a href="#">Sebastien LEGRAND</a> Head of BRINS Mante Forecasting Center Royal Belgian Institute of Natural Sciences, Operational Directorate Natural Environment, Belgian Marine Data Centre	Tel: +32 2 6274319
BENIN	<a href="#">Gessi Georges Epiphane DEGBE</a> Océanographe - Chercheur Centre de Recherches Halieutiques et Océanologiques du Bénin	Tel: (229) 95 05 69 21 / 21 31 75 86 Fax: (229) 21 32 36 71
BULGARIA	<a href="#">Atanas PALAZOV</a> Professor Bulgarian Academy of Sciences, Institute of Oceanology	Tel: +359 897868558
CANADA	<a href="#">Keith LENNON</a> Director, Oceanographic Services Marine Environmental Data Section (MEDS), Oceans Science Branch (DSB) - DSR, Fisheries and Oceans Canada	
CHILE	<a href="#">Carlos ZUNIGA</a> Head, Oceanography Department Servicio Meteorológico y Oceanográfico de la Armada	Tel: 322266540



# Charge of the Session today:

- Focus on regional approaches of a Global Ocean Observing System
  - Is the current, heterogenous, system of GRAs fit for purpose to advance the GOOS 2030 strategy?
  - There are organizations that have a regional OO focus that are not GRAs, or formally affiliated with GOOS. Are there benefits of addressing finding commonalities and formal ties to GOOS/GRAs?
  - There are significant regional capacity that do not engage with GRAs; How can we remove barriers for effective cooperation?
  - Implementation of OO is almost exclusively a national issue; What are the best mechanisms for regional cooperation (regardless of scale)?
  - Can / should GOOS design a process for a rejuvenation of regional implementation cooperation mechanisms, or simply try to strengthen existing mechanisms / structures?