

# **OPOS-WG update**

**OPST-11 23 September 2025** 



### **Outline**

National/system reports

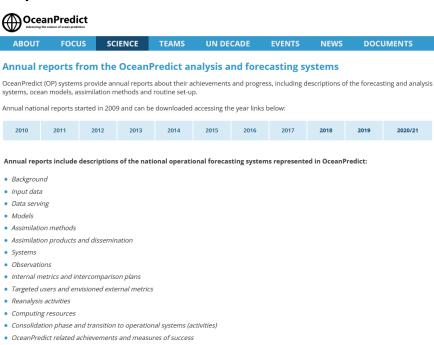
· Class 4

Plans for next meeting



### National/system reports

- Annual reports at https://oceanpredict.org/science/operationalocean-forecasting-systems/system-reports/
- Not been updated since 2021
- Had hoped the DCC Atlas would capture this information for us
- This is not (yet) fully the case
- Plan to revive the reports



System information overview table(s)



### National/system reports

- Coordinate with DCC, OSEval-TT (who collect info on obs used), and other interested parties
- Long-term sustainable technical solution
- Simpler to complete/update and easier to compare different systems than previous reports
- Promote visibility and unlock collaboration



### National/system reports – plan

- OPOS-WG co-chairs draft template (initial draft on next slides)
- Circulate to OPOS-WG members for initial comments
- Meet with relevant parties (DCC, OSEVal-TT & OPST chairs, OPPO)
- OPOS-WG members complete simplified version this year (probably)
- Long-term technical solution implemented as resource allows

### OceanPredict Advanting the science of assan pradiction

#### New OceanPredict national report template (very draft)

☐ Global Notes (optional)
□ Regional
Please specify
☐ Coastal Please specify
Model(s)
Click below and then on "+" to add details for each system component
Component
Choose an item.
Specify component if "Other"
Model name
Enter model name
Model version
Enter model version
Horizontal resolution and grid type
Please specify
Vertical resolution, number of levels, discretisation Please specify
• •
Notes Anything else you wish to note
range and you make the
Atmospheric, boundary, river, land inputs
Click below and then click "+" to add a new field
Input type
Choose an item.
Please specify if "Other"
Field
Name/description of (group of) input field/variable(s)
Source
Model/system from which derived (e.g. ECMWF)
Frequency
Frequency (e.g. three-hourly, daily)
Native resolution
Resolution of original field
Forcing scheme

Domain



Scheme (e.g. CORE bulk formulae, Dirichlet)

Notes

Anything else you wish to capture

#### Assimilation scheme

Overview

High-level overview

Assimilation type

e.g. SEEK filter, 3D-Var

Assimilation scheme name

e.g. NEMOVAR

Assimilation scheme version

Version number if applicable

Notes

Anything else you wish to capture

Assimilated observations

Click below and then click "+" to add a new variable

Variable

e.g. SST

Sources/sensors

Please list

Notes

Anything else you want to capture

Forecast details

Forecast range

e.g. 5 days

Hindcast/analysis length

e.g. 1 day

Update frequency

e.g. daily

Notes

Anything else you wish to capture

Coupling details

Details of coupling between components

#### Compute resource

Details of computational resource required

#### Products

#### User

List or summary of known/intended users

#### Data availability

- ☐ Fully publicly available
- ☐ Partially publicly available
- □ Not publicly available

#### Link to data access

Link to products (if available)

#### Operational Readiness Level (ORL)

Optional to include: ORL for system (unofficially calculated at this stage) ORL

### References

List of reference publications, webpages, etc

#### Validation and intercomparison

#### Validation

Details of validation procedures

#### Intercomparison

Details of intercomparisons

#### Planned updates

Details of planned updates

#### Reanalysis activities

Details of reanalysis activities

#### Research activities

Details of related research activities

#### Recent publications

List of relevant publications from the past year (or so)



### **Class 4 operationalisation**

- Will pick up discussion with new IV-TT co-chairs
- Fraser now sits on Joint WMO-IOC Collaborative Board (JCB) and is discussing there
- (Keep) watch(ing) this space!



## **Next OPOS-WG meeting**

- Aim to meet in October or November
- Doodle poll will be circulated in due course
- Discuss national reports and share system updates

