



OPOS-WG

OceanPredict Operational Systems Working Group

- **Purpose:** Working together to define common challenges in operational oceanography and drive solutions
- **Vision:** Better ocean forecasts for those who need them
- **Mission:** Improve ocean prediction systems by sharing expertise, engaging external partners, and better understanding user needs

Outline

- **Collaboration with IV-TT**
- **Interactions with DCC and OBPS**
- **System reporting**

- Operationalisation of Class4 intercomparison
- Proposed seminar series
 - Each system presents their operational validation efforts
 - Will include introduction to the centre and their system(s)
 - Online, advertised to whole OceanPredict community
 - Aim to complete by in-person IV-TT meeting in November

Interactions with DCC and OBPS

- Decade Collaboration Centre (Enrique Alvarez, Stefania Ciliberti)
- Ocean Best Practices System (Jay Pearlman)
 - Operational Readiness Level (ORL)

Front. Mar. Sci., 18 November 2024

Sec. Ocean Observation

Volume 11 - 2024 | <https://doi.org/10.3389/fmars.2024.1443284>

Promoting best practices in ocean forecasting through an Operational Readiness Level



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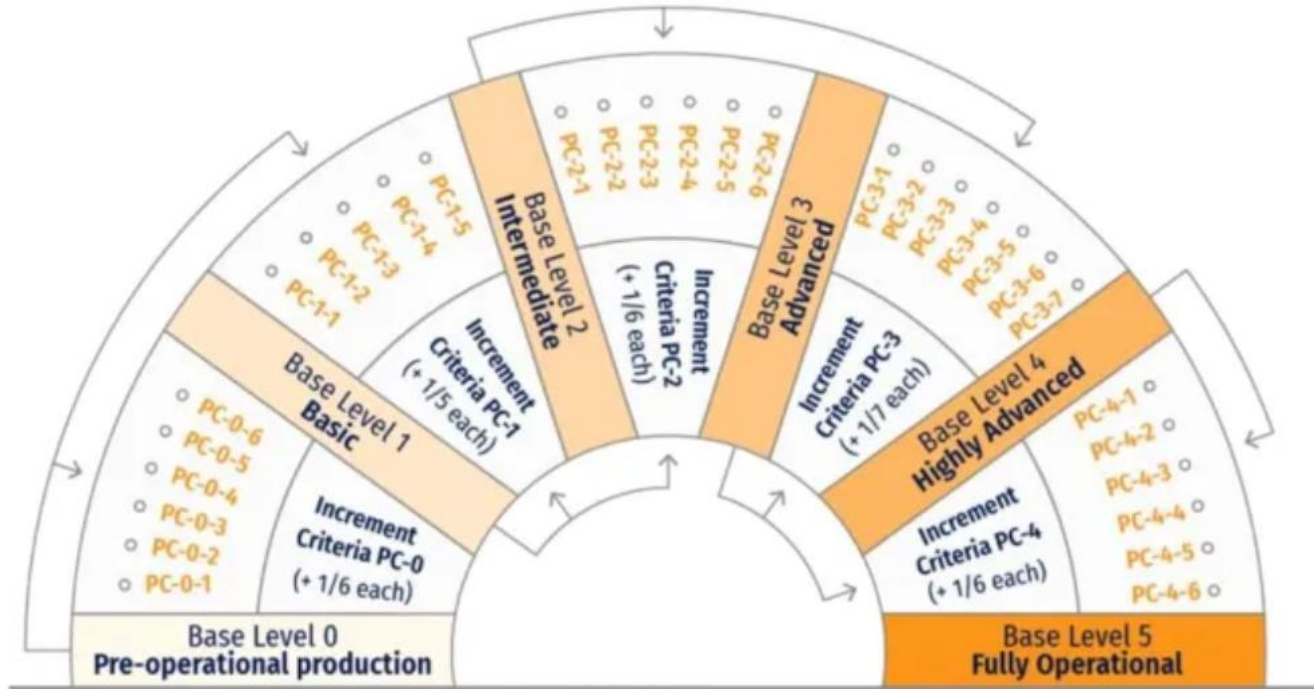
K. Azizzadenesheli ⁶



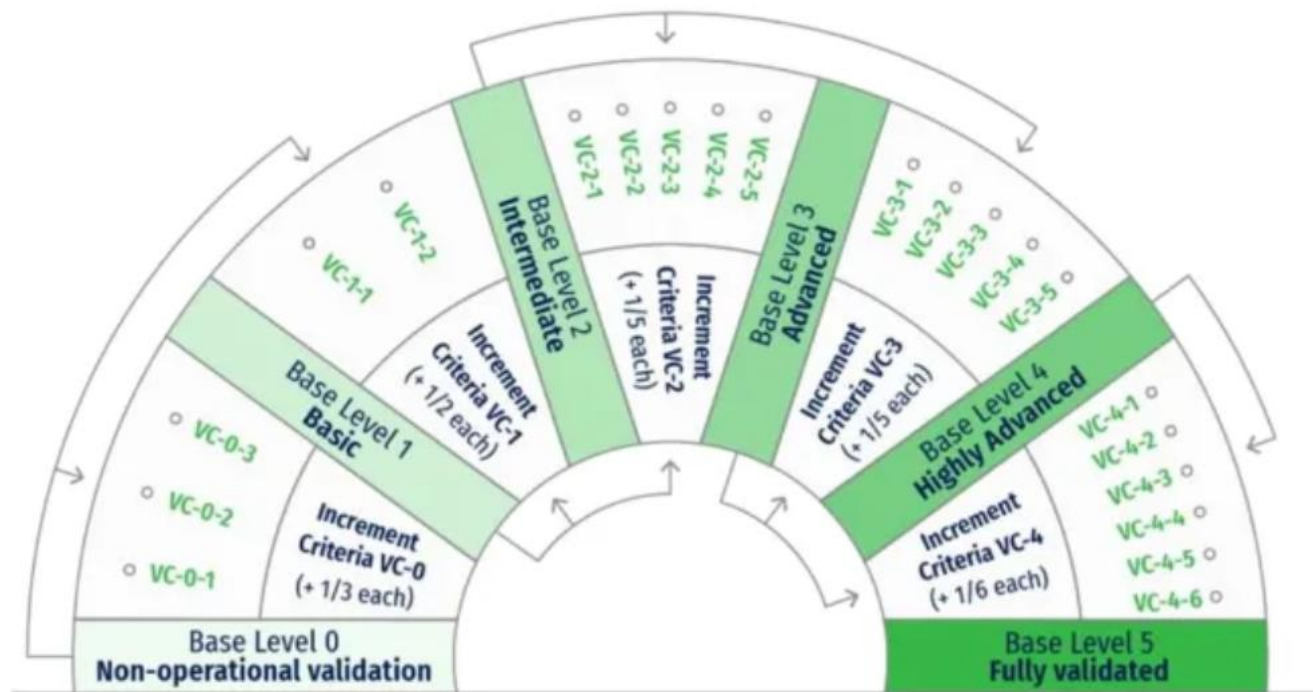
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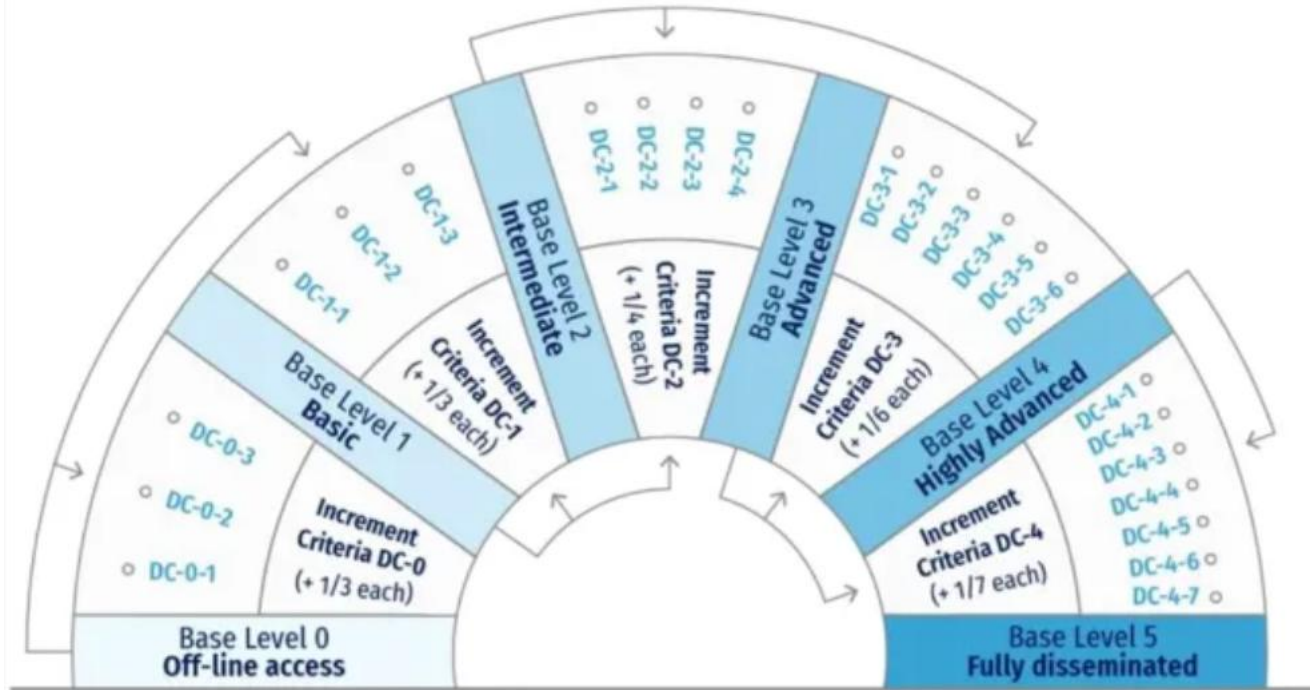
R. Zufic ¹



1. Production



2. System Validation



3. Product Dissemination

- Decade Collaboration Centre (Enrique Alvarez, Stefania Ciliberti)
- Ocean Best Practices System (Jay Pearlman)
 - Operational Readiness Level (ORL)
 - Survey on data standards
 - White paper on data standards (in progress)
 - Atlas for system reporting...

System reporting (past)

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System reports

Annual reports from the OceanPredict analysis and forecasting systems

OceanPredict (OP) systems provide annual reports about their achievements and progress, including descriptions of the forecasting and analysis systems, ocean models, assimilation methods and routine set-up.

Annual national reports started in 2009 and can be downloaded accessing the year links below:

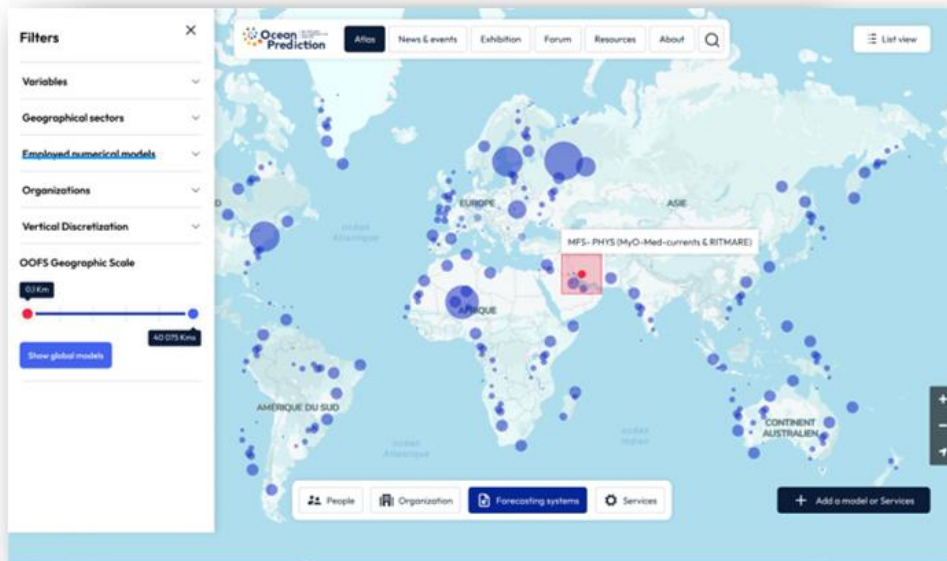
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020/21
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Annual reports include descriptions of the national operational forecasting systems represented in OceanPredict:

Who is who?

An Atlas to identify our community

- An online atlas to locate:
 - Oofs
 - Individuals
 - Institutions
 - Services
- A source of information for our activities and a way to find partners
- An interface will be available to allow community to add and modify the information



System reporting (future)

- As much information as possible captured in DCC Atlas
- New fields to be added in future release to help meet our needs
- Semi-automatically build reports and webpages from Atlas entries
- Supplemented by details and text provided by system reps
- Also include observation use information collected by OSEval-TT
- Each year, provide an overview of new developments and then a deep dive on a specific topic

System reporting (2026)

- New Atlas release a few months away
- Wish to update system reports and OceanPredict website sooner
- Will collect information manually
- New template circulated to OPOS-WG members for comment
- Contributions to be requested in next couple of months

What do we want out of the “report” information to advance ocean forecasting?

How can we leverage WMO INFCOM:

- **Support for operationalisation of class4 ?**
- **Support Met Offices within OceanPredict to get their forecasts recognised by WMO?**
- **Use DCC ORL index and Atlas to support WMO accreditation of prediction systems.**



Thank you!