

State and Conservation 15-2021

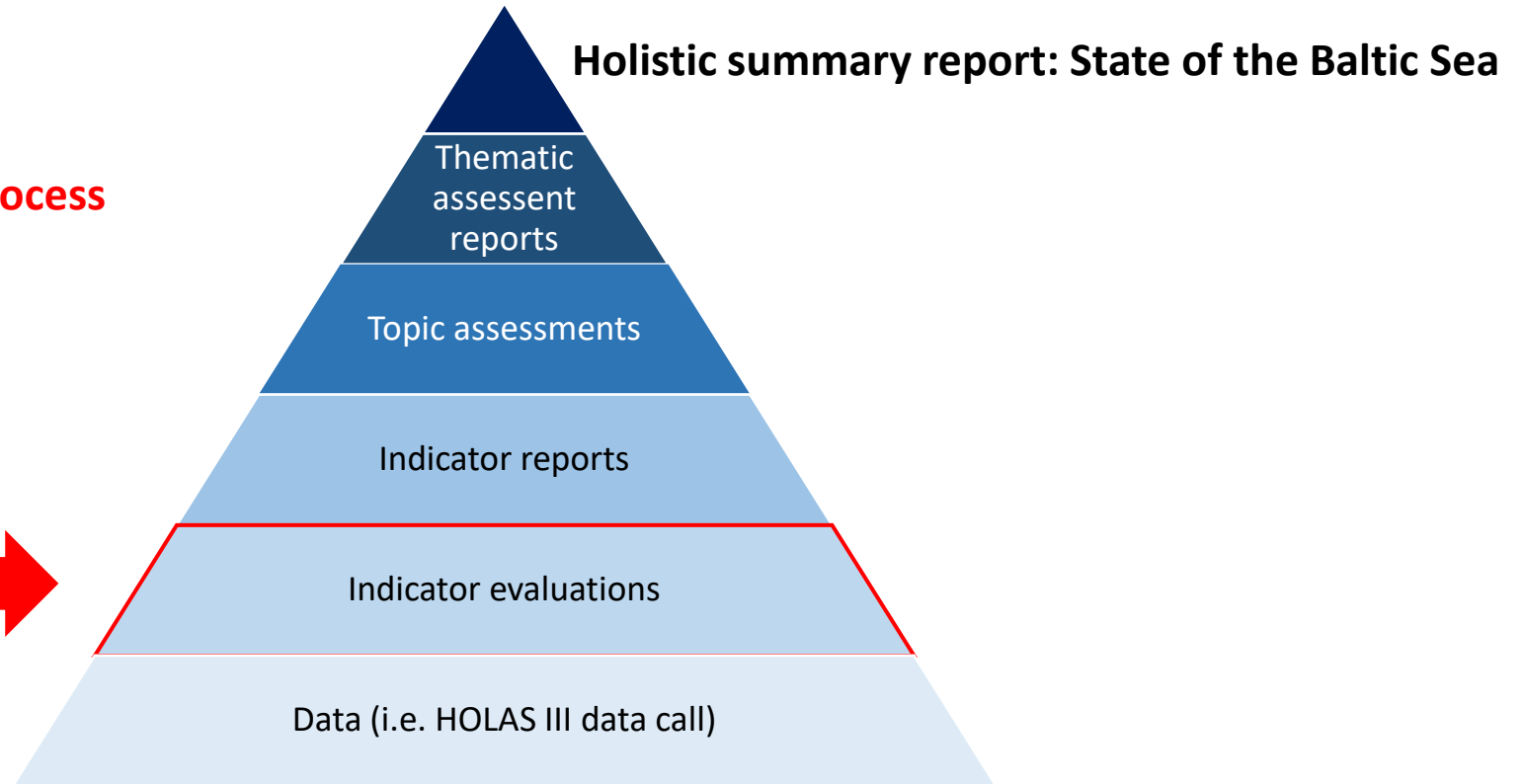
Indicators and assessments towards HOLAS III



Conceptual overview of the HOLAS III assessment structure and the progressive integration of results.

***also sent to HOD for threshold value process**

Red outline will show where in the scheme the current slide is addressing – e.g. ‘indicator evaluations’.



Hazardous substances indicator confidence setting

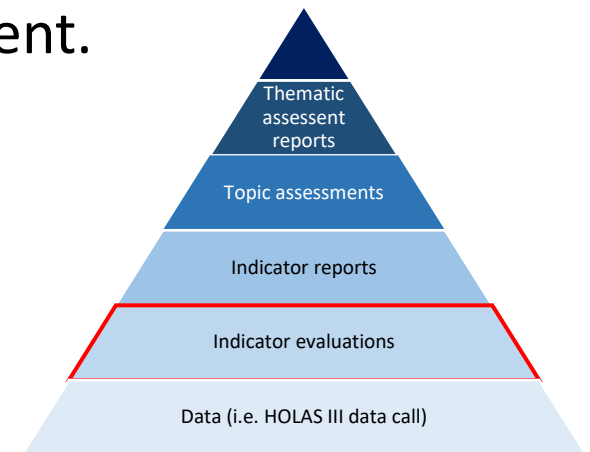


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Confidence setting for Hazardous substances indicators – 3J-97

- Currently HZ indicators apply a single confidence value for the indicator evaluation as a whole – this is then applied as a ‘blanket confidence’ in CHASE.
- Proposal better aligns work under CHASE with HEAT and BEAT.
- Proposal aims to develop an assessment of confidence per indicator at the per assessment unit level.
- The confidence would be composed of a spatial element, temporal element, methodological element and a threshold value confidence element.
- Categorical approach applied.
- Key differentiation of coastal and open sea assessment units needed.
- Key differentiation between sampling matrix needed.
- Examples in document represent approach for establishing categories – confidence then calculated per assessment period.



Confidence setting for Hazardous substances indicators – 3J-97

- Possibility to extract relevant assessment period information directly from MIME tool (i.e. indicator calculation tool) being explored.
- Spatial confidence based on number of stations in an assessment unit (centroid approach also being explored), e.g.

Confidence evaluation	Temporal component categories
High	Less than 1000 km ² per station
Moderate	Between 1000 and 3000km ²
Low	Over 3000km ²

- Temporal confidence based on number of samples in the assessment period.
- Threshold value confidence based on categorisation of the types of threshold values utilised for HZ indicators and their ‘origin’.
- Methodological confidence based on categorisation of the methods and the components of that (e.g. if supported by Monitoring and Assessment Guidelines, if carried out via the MIME tool, regionally agreed methods, etc).
- Overall confidence created based on scoring and averaging of the above categories.

State and Conservation - Action requested

The Meeting is invited to:

- endorse the ongoing development of this improved confidence evaluation towards HOLAS III.

