

SOME TAKE AWAY MESSAGES

- Design of the observing system of systems must cater the full cascade of basin, shelf and coastal domains where we need to tackle the short scale variability
- Observing systems need to address the routine data acquisition to determine the changing baselines and the variability and to detect cumulative changes, but also need to be able to tackle rapid interventions
- The multi-level nature of observation systems bring challenges about their management and also a challenge for their sustainability
- More than projects we need a platform of joint initiatives.....operational programmes?



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- Breaking barriers towards collaborative efforts is not much a scientific or technological issue as much as it is a cultural change that is needed
- National systems have a big role to play, but in most cases need to be organised.....it is important not just to have inter-operable national systems , but similar federated system under an overarching platform of platforms.
- Marine data is not just for scientists or research, but the essential ingredient for service delivery and products.....and moreover a contribution to a knowledge-based society and a boost for innovation and smart applications for a fertile marine sector economy
- Appeal for joint monitoring activities which require transfer of methodology, tools, but especially funding for monitoring
- We need to manage ownerships such that data carries the signature and responsibility of the source provider

