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## Nature run for AMOC investigations: What are the minimum requirements?

*Wednesday 19 July 2023 09:40 (15 minutes)*

Nature runs are state-of-the-art numerical simulations that are as close as possible to reality that can be used as reference for design of observational arrays and/or data assimilation. We will review the current status of basin-scale to global-scale AMOC modeling and define the minimum requirements that a numerical model should be able to reproduce (mean transport and water mass characteristics of upper and lower NADW, mean DWBC depth and pathways, overflow representation, interannual variability, latitudinal coherence, etc.).

### Topic

Future AMOC observing –outlining a roadmap

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