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Boundary layer (3)

Wednesday, 17 March 2021 14:30 (1 hour)

This session explains the different approaches used in numerical models to parametrize the turbulent mixing taking place at the subgrid scale, above the surface layer. Various turbulence closures are presented before describing closure currently used in the ECMWF model.

Expected outcomes:

- understand what a turbulence closure is and what are the types of closures encountered in numerical models
- have an overview of the parameterization of turbulent mixing in the ECMWF model

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