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Boundary layer (1)

Tuesday, 16 March 2021 09:10 (1 hour)

This session gives a theoretical introduction of the planetary boundary layer, including its definition, classification, notions about turbulence within the boundary layer, differences between clear and cloudy boundary layers, and equations used to describe the mean state in a numerical model.
Expected outcomes:
• understand what is the boundary layer, its characteristics and why it is important to study it and represent it correctly in numerical models
• understand the difference between the various boundary layer types

Presenter: SANDU, Irina (ECMWF)