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Boundary layer (2)

Tuesday, 16 March 2021 10:45 (1 hour)

This session focuses on representation of the surface layer, i.e. the layer between the surface and the first model level. More particularly, it explains how the surface fluxes are parametrized, and it gives insights on the representation of the surfaces roughness lengths which are one of the crucial aspects of the formulation of the surface fluxes.
Expected outcomes:
• be aware of the difficulties related to the representation of the surface layer in a numerical model
• understand how the surface fluxes are parametrized

Presenter: SANDU, Irina (ECMWF)