

# Advanced fluid mechanics

This course presents fluid mechanics specific features which are commonly encountered in environmental problems/applications. It will be devoted to turbulence and turbulence modeling, the properties of turbulent boundary layers and jet flows, the mixing properties of different gases, and basic notions associated to two-phase flows.

On-line ressources:

[Fluid dynamics - M. Rieutord, Springer, 2015](https://www.springer.com/978-3-662-48520-5)

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