

The EPFL logo is located in the top-left corner of the slide. It consists of the letters 'EPFL' in a bold, red, sans-serif font, set against a white rectangular background. The background of the entire slide is a satellite image of Earth, showing a large, swirling white cloud system over a dark blue ocean.

**EPFL**

**Lecture 3 - ENV 407**

**Review of Atmospheric  
Thermodynamics**

**Moist Processes**

# Applications:

- Clausius-Clapeyron Equation
  - Humidity Variables
- Moist Processes in the atmosphere (lecture on whiteboard)
  - Hydrostatics

## Moist processes (whiteboard lecture):

- Energy content of a moist parcel
- Isobaric cooling (radiative fogs) - dew point, frost point, relative humidity in terms of the dew point temperatures
  - Cooling and moistening by evaporation. Wet bulb, ice bulb temperature