

ATMOSPHERE

interface

radiative properties:

- albedo
- emissivity
- surface radiative temperature

surface fluxes:

- momentum
- sensible heat
- latent heat
- CO₂
- chemical species
- aerosols

atmospheric forcing:

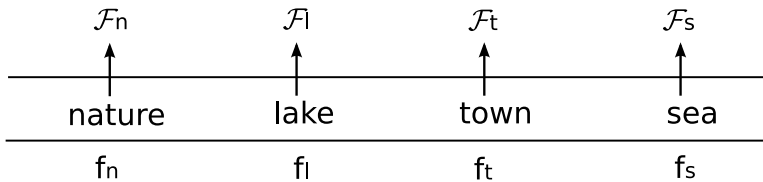
- air temperature
- specific humidity
- wind components
- pressure
- rain rate
- snow rate
- CO₂, chemical species, aerosols concentration

radiative forcing:

- solar radiation
- infrared radiation

surface

$$\mathcal{F} = f_n \mathcal{F}_n + f_l \mathcal{F}_l + f_t \mathcal{F}_t + f_s \mathcal{F}_s$$



SURFACE