

- .....> copy
- - -> horizontal interpolation
- -> vertical interpolation

# data files

1 file per physiographic field  
any domain allowed

zorel, veg, sand, emis

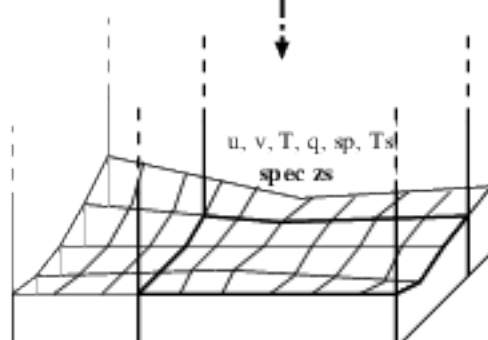


domain  
definition

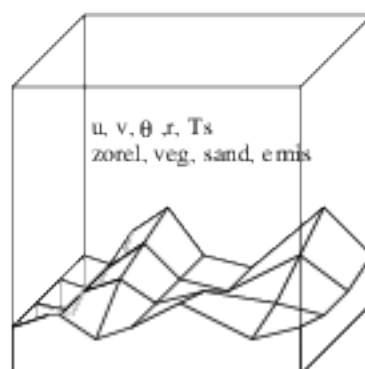
**MESONH**  
Physiographic data file

$u, v, T, q, sp, Ts$

**GRIB file from ECMWF/Arpege/Aladin archive**



altitude variables  
large scale vertical grid (Aladin grid)  
surface variables



**MESONH**  
initialization or coupling file

sp: surface pressure, spec zs: spectral orography (large-scale orography), D: divergence, V: vorticity,  
Ts: (temperature of surface) stands for all other surface variables: temperatures, water and snow contents,  
zorel, veg, sand, emis: stand respectively for orographic, vegetation, soil and radiation PGD files