PMIP4 CESM dust data

Data files

- file names = `PMIP4_DUST_Albani_<field>_<expt>.nc`
  - `field` = see Variables section below
  - `expt` = `PI`, `MH` or `LGM`
    - The gaussian weights file does not depend on the experiment: `PMIP4_DUST_Albani_gw.nc`

Dimensions

- nb_time = 12 (12 monthly time steps in each file)
- nb_lat, nb_lon = 192, 288
  - latitude_values = [-90, -89.05759, -88.11518, ... 88.11518, 89.05759, 90]
  - longitude_values = [0, 1.25, 2.5, ... 356.25, 357.5, 358.75]
- size_bin = 4 (dust particle size classes)
  - dust size bin edges = 0.1, 1.0, 2.5, 5.0, 10.0 µm (diameters)
- nb_levels = 26 hybrid sigma-pressure levels
  - check the `PMIP4_DUST_Albani_conc_<expt>.nc` files for details about the hybrid coordinates

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