Namelists Fortran pour les données d'entrée physiographiques de la simulation de référence

Namelist 'PRE_PGD1.nam' pour le domaine « France étendue »

```
&NAM_PGDFILE          CPGDFILE='AOUT2003_FRANCE_2.5km' /

&NAM_CONF_PROJ        XLAT0=46.401460686331625        ,
                      XLON0=2.2000000000000273        ,
                      XRPK=0.7241894422               ,
                      XBETA=0.                        /

&NAM_CONF_PROJ_GRID   XLATCEN=46.344013               ,
                      XLONCEN=2.2362485               ,
                      NIMAX=500                        ,
                      NJMAX=500                        ,
                      XDX=2500.                        ,
                      XDY=2500.                        /

&NAM_PGD_SCHEMES      CNATURE='ISBA'                  ,
                      CSEA='SEAFLX'                   ,
                      CWATER='WATFLX'                 ,
                      CTOWN='TEB'                     /

&NAM_COVER            YCOVER='ecoclimats_v2'          ,
                      YFILETYPE='DIRECT'              /

&NAM_ZS               YZS='w001001_topo'              ,
                      YFILETYPE='DIRECT'              /

&NAM_ISBA             YCLAY='clay_fao'                ,
                      YCLAYFILETYPE='DIRECT'          ,
                      YSAND='sand_fao'                ,
                      YSANDFILETYPE='DIRECT'          ,
                      XUNIF_RUNOFFB=0.5               ,
                      CISBA='3-L'                     ,
                      CPHOTO='NON'                    ,
                      NPATCH=3                         ,
                      NGROUND_LAYER=3                 /
```

Namelist 'PRE_PGD1.nam' pour le domaine « Île-de-France »

```
&NAM_PGDFILE           CPGDFILE='AOUT2003_I2F_1.25km'   /

&NAM_PGD_GRID          CGRID='CONF PROJ '                    ,
                       YINIFILE='AOUT2003_FRANCE_2.5km'  ,
                       YFILETYPE='MESONH'               /

&NAM_INIFILE_CONF_PROJ  IXOR=235                            ,
                        IYOR=343                            ,
                        IXSIZE=40                           ,
                        IYSIZE=40                           ,
                        IDXRATIO=2                          ,
                        IDYRATIO=2                          /



&NAM_PGD_SCHEMES       CNATURE='ISBA'                    ,
                       CSEA='SEAFLX'                     ,
                       CWATER='WATFLX'                   ,
                       CTOWN='TEB'                       /

&NAM_COVER             YCOVER='ecoclimats_v2'            ,
                       YFILETYPE='DIRECT'                /

&NAM_ZS                YZS='srtm_37_03'                  ,
                       YFILETYPE='DIRECT'                /

&NAM_ISBA              YCLAY='clay_fao'                  ,
                       YCLAYFILETYPE='DIRECT'            ,
                       YSAND='sand_fao'                  ,
                       YSANDFILETYPE='DIRECT'            ,
                       XUNIF_RUNOFFB=0.5                 ,
                       CISBA='3-L'                       ,
                       CPHOTO='NON'                      ,
                       NPATCH=3                          ,
                       NGROUND_LAYER=3                   /
```

Namelist 'PRE_PGD1.nam' pour le domaine « Paris »

```
&NAM_PGDFILE            CPGDFILE='AOUT2003_PARIS_250m'              /

&NAM_PGD_GRID           CGRID='CONF PROJ '                          ,
                        YINIFILE='AOUT2003_I2F_1.25km'              ,
                        YFILETYPE='MESONH'                          /

&NAM_INIFILE_CONF_PROJ  IXOR=29                                     ,
                        IYOR=31                                     ,
                        IXSIZE=20                                   ,
                        IYSIZE=18                                   ,
                        IDXRATIO=5                                  ,
                        IDYRATIO=5                                  /

&NAM_PGD_SCHEMES        CNATURE='ISBA'                              ,
                        CSEA='NONE'                                 ,
                        CWATER='WATFLX'                             ,
                        CTOWN='TEB'                                 /

&NAM_FRAC               LECOCLIMAP   = F                            ,
                        XUNIF_SEA    = 0.                           ,
                        CFNAM_WATER  = 'XDATA_WATER.txt        ',
                        CFTYP_WATER  = 'ASCLLV'                     ,
                        CFNAM_NATURE = 'XDATA_NATURE.txt       ',
                        CFTYP_NATURE = 'ASCLLV'                     ,
                        CFNAM_TOWN   = 'XDATA_TOWN.txt         ',
                        CFTYP_TOWN   = 'ASCLLV'                     /

&NAM_COVER              YCOVER='ecoclimats_v2'                      ,
                        YFILETYPE='DIRECT'                          /

&NAM_ZS                 YZS='srtm_37_03'                            ,
                        YFILETYPE='DIRECT'                          /

&NAM_ISBA               YCLAY='clay_fao'                            ,
                        YCLAYFILETYPE='DIRECT'                      ,
                        YSAND='sand_fao'                            ,
                        YSANDFILETYPE='DIRECT'                      ,
                        XUNIF_RUNOFFB=0.5                           ,
                        CISBA='3-L'                                 ,
                        CPHOTO='NON'                                ,
                        NPATCH=3                                    ,
                        NGROUND_LAYER=3                             /

&NAM_DATA_TEB           NROOF_LAYER        = 3                        ,
                        CFNAM_ALB_ROOF     = 'XDATA_ALB_ROOF.txt  ' ,
                        CFTYP_ALB_ROOF     = 'ASCLLV'                ,
                        CFNAM_EMIS_ROOF    = 'XDATA_EMIS_ROOF.txt ' ,
                        CFTYP_EMIS_ROOF    = 'ASCLLV'                ,
                        CFNAM_HC_ROOF(1)   = 'XDATA_HC_ROOF1.txt  ' ,
                        CFTYP_HC_ROOF(1)   = 'ASCLLV'                ,
                        CFNAM_HC_ROOF(2)   = 'XDATA_HC_ROOF2.txt  ' ,
                        CFTYP_HC_ROOF(2)   = 'ASCLLV'                ,
                        CFNAM_HC_ROOF(3)   = 'XDATA_HC_ROOF3.txt  ' ,
                        CFTYP_HC_ROOF(3)   = 'ASCLLV'                ,
                        CFNAM_TC_ROOF(1)   = 'XDATA_TC_ROOF1.txt  ' ,
                        CFTYP_TC_ROOF(1)   = 'ASCLLV'                ,
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CFNAM_TC_ROOF(2)    = 'XDATA_TC_ROOF2.txt  ' ,
CFTYP_TC_ROOF(2)    = 'ASCLLV'                ,
CFNAM_TC_ROOF(3)    = 'XDATA_TC_ROOF3.txt  ' ,
CFTYP_TC_ROOF(3)    = 'ASCLLV'                ,
CFNAM_D_ROOF(1)     = 'XDATA_D_ROOF1.txt   ' ,
CFTYP_D_ROOF(1)     = 'ASCLLV'                ,
CFNAM_D_ROOF(2)     = 'XDATA_D_ROOF2.txt   ' ,
CFTYP_D_ROOF(2)     = 'ASCLLV'                ,
CFNAM_D_ROOF(3)     = 'XDATA_D_ROOF3.txt   ' ,
CFTYP_D_ROOF(3)     = 'ASCLLV'                ,
NROAD_LAYER         = 3                       ,
XUNIF_ALB_ROAD      = 0.10                    ,
XUNIF_EMIS_ROAD     = 0.94                    ,
XUNIF_HC_ROAD(1)    = 2000000.                ,
XUNIF_HC_ROAD(2)    = 2000000.                ,
XUNIF_HC_ROAD(3)    = 1800000.                ,
XUNIF_TC_ROAD(1)    = 2.00                    ,
XUNIF_TC_ROAD(2)    = 1.50                    ,
XUNIF_TC_ROAD(3)    = 0.25                    ,
XUNIF_D_ROAD(1)     = 0.04                    ,
XUNIF_D_ROAD(2)     = 0.37                    ,
XUNIF_D_ROAD(3)     = 1.00                    ,
NWALL_LAYER         = 4                       ,
CFNAM_ALB_WALL      = 'XDATA_ALB_WALL.txt  ' ,
CFTYP_ALB_WALL      = 'ASCLLV'                ,
XUNIF_EMIS_WALL     = 0.90                    ,
CFNAM_HC_WALL(1)    = 'XDATA_HC_WALL1.txt  ' ,
CFTYP_HC_WALL(1)    = 'ASCLLV'                ,
CFNAM_HC_WALL(2)    = 'XDATA_HC_WALL2.txt  ' ,
CFTYP_HC_WALL(2)    = 'ASCLLV'                ,
CFNAM_HC_WALL(3)    = 'XDATA_HC_WALL3.txt  ' ,
CFTYP_HC_WALL(3)    = 'ASCLLV'                ,
CFNAM_HC_WALL(4)    = 'XDATA_HC_WALL4.txt  ' ,
CFTYP_HC_WALL(4)    = 'ASCLLV'                ,
CFNAM_TC_WALL(1)    = 'XDATA_TC_WALL1.txt  ' ,
CFTYP_TC_WALL(1)    = 'ASCLLV'                ,
CFNAM_TC_WALL(2)    = 'XDATA_TC_WALL2.txt  ' ,
CFTYP_TC_WALL(2)    = 'ASCLLV'                ,
CFNAM_TC_WALL(3)    = 'XDATA_TC_WALL3.txt  ' ,
CFTYP_TC_WALL(3)    = 'ASCLLV'                ,
CFNAM_TC_WALL(4)    = 'XDATA_TC_WALL4.txt  ' ,
CFTYP_TC_WALL(4)    = 'ASCLLV'                ,
CFNAM_D_WALL(1)     = 'XDATA_D_WALL1.txt   ' ,
CFTYP_D_WALL(1)     = 'ASCLLV'                ,
CFNAM_D_WALL(2)     = 'XDATA_D_WALL2.txt   ' ,
CFTYP_D_WALL(2)     = 'ASCLLV'                ,
CFNAM_D_WALL(3)     = 'XDATA_D_WALL3.txt   ' ,
CFTYP_D_WALL(3)     = 'ASCLLV'                ,
CFNAM_D_WALL(4)     = 'XDATA_D_WALL4.txt   ' ,
CFTYP_D_WALL(4)     = 'ASCLLV'                ,
XUNIF_Z0_TOWN       = 1.                      ,
CFNAM_BLD           = 'XDATA_BLD.txt       ' ,
CFTYP_BLD           = 'ASCLLV'                ,
CFNAM_BLD_HEIGHT    = 'XDATA_BLD_HEIGHT.txt' ,
CFTYP_BLD_HEIGHT    = 'ASCLLV'                ,
CFNAM_WALL_O_HOR    = 'XDATA_WALL_O_HOR.txt' ,
CFTYP_WALL_O_HOR    = 'ASCLLV'                ,
CFNAM_H_TRAFFIC     = 'XDATA_H_TRAFFIC.txt' ,
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CFTYP_H_TRAFFIC      = 'ASCLLV'                    ,
CFNAM_LE_TRAFFIC     = 'XDATA_LE_TRAFFIC.txt'  ,
CFTYP_LE_TRAFFIC     = 'ASCLLV'                    ,
XUNIF_H_INDUSTRY     = 0.                           ,
XUNIF_LE_INDUSTRY    = 0.                           ,
XUNIF_H_COOL         = 0.                           ,
XUNIF_LE_COOL        = 0.                           ,
XUNIF_F_COOL         = 0.                           ,
X_TIME_COOL(1,1)     = 1.                           ,
X_TIME_COOL(1,2)     = 1.                           ,
X_TIME_COOL(1,3)     = 1.                           ,
X_TIME_COOL(1,4)     = 1.                           ,
X_TIME_COOL(1,5)     = 1.                           ,
X_TIME_COOL(1,6)     = 1.                           ,
X_TIME_COOL(1,7)     = 1.                           ,
X_TIME_COOL(1,8)     = 1.                           ,
X_TIME_COOL(1,9)     = 1.                           ,
X_TIME_COOL(1,10)    = 1.                           ,
X_TIME_COOL(1,11)    = 1.                           ,
X_TIME_COOL(1,12)    = 1.                           ,
X_TIME_COOL(1,13)    = 1.                           ,
X_TIME_COOL(1,14)    = 1.                           ,
X_TIME_COOL(1,15)    = 1.                           ,
X_TIME_COOL(1,16)    = 1.                           ,
X_TIME_COOL(1,17)    = 1.                           ,
X_TIME_COOL(1,18)    = 1.                           ,
X_TIME_COOL(1,19)    = 1.                           ,
X_TIME_COOL(1,20)    = 1.                           ,
X_TIME_COOL(1,21)    = 1.                           ,
X_TIME_COOL(1,22)    = 1.                           ,
X_TIME_COOL(1,23)    = 1.                           ,
X_TIME_COOL(1,24)    = 1.                           ,
X_TIME_COOL(2,1)     = 1.                           ,
X_TIME_COOL(2,2)     = 1.                           ,
X_TIME_COOL(2,3)     = 1.                           ,
X_TIME_COOL(2,4)     = 1.                           ,
X_TIME_COOL(2,5)     = 1.                           ,
X_TIME_COOL(2,6)     = 1.                           ,
X_TIME_COOL(2,7)     = 1.                           ,
X_TIME_COOL(2,8)     = 1.                           ,
X_TIME_COOL(2,9)     = 1.                           ,
X_TIME_COOL(2,10)    = 1.                           ,
X_TIME_COOL(2,11)    = 1.                           ,
X_TIME_COOL(2,12)    = 1.                           ,
X_TIME_COOL(2,13)    = 1.                           ,
X_TIME_COOL(2,14)    = 1.                           ,
X_TIME_COOL(2,15)    = 1.                           ,
X_TIME_COOL(2,16)    = 1.                           ,
X_TIME_COOL(2,17)    = 1.                           ,
X_TIME_COOL(2,18)    = 1.                           ,
X_TIME_COOL(2,19)    = 1.                           ,
X_TIME_COOL(2,20)    = 1.                           ,
X_TIME_COOL(2,21)    = 1.                           ,
X_TIME_COOL(2,22)    = 1.                           ,
X_TIME_COOL(2,23)    = 1.                           ,
X_TIME_COOL(2,24)    = 1.                           ,
X_TIME_COOL(3,1)     = 1.                           ,
X_TIME_COOL(3,2)     = 1.                           ,
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                            X_TIME_COOL(3,3)      = 1.                          ,
                            X_TIME_COOL(3,4)      = 1.                          ,
                            X_TIME_COOL(3,5)      = 1.                          ,
                            X_TIME_COOL(3,6)      = 1.                          ,
                            X_TIME_COOL(3,7)      = 1.                          ,
                            X_TIME_COOL(3,8)      = 1.                          ,
                            X_TIME_COOL(3,9)      = 1.                          ,
                            X_TIME_COOL(3,10)     = 1.                          ,
                            X_TIME_COOL(3,11)     = 1.                          ,
                            X_TIME_COOL(3,12)     = 1.                          ,
                            X_TIME_COOL(3,13)     = 1.                          ,
                            X_TIME_COOL(3,14)     = 1.                          ,
                            X_TIME_COOL(3,15)     = 1.                          ,
                            X_TIME_COOL(3,16)     = 1.                          ,
                            X_TIME_COOL(3,17)     = 1.                          ,
                            X_TIME_COOL(3,18)     = 1.                          ,
                            X_TIME_COOL(3,19)     = 1.                          ,
                            X_TIME_COOL(3,20)     = 1.                          ,
                            X_TIME_COOL(3,21)     = 1.                          ,
                            X_TIME_COOL(3,22)     = 1.                          ,
                            X_TIME_COOL(3,23)     = 1.                          ,
                            X_TIME_COOL(3,24)     = 1.                          ,
                            XUNIF_TCOOL_TARGET= 299.16                          /

&NAM_DATA_ISBA             CFNAM_VEGTYPE(1)      =
'XDATA_VEGTYPE1.txt'           ,
                            CFTYP_VEGTYPE(1)      = 'ASCLLV'                    ,
                            XUNIF_VEGTYPE(2)      = 0.                          ,
                            XUNIF_VEGTYPE(3)      = 0.                          ,
                            CFNAM_VEGTYPE(4)      = 'XDATA_VEGTYPE4.txt'        ,
                            CFTYP_VEGTYPE(4)      = 'ASCLLV'                    ,
                            XUNIF_VEGTYPE(5)      = 0.                          ,
                            XUNIF_VEGTYPE(6)      = 0.                          ,
                            CFNAM_VEGTYPE(7)      = 'XDATA_VEGTYPE7.txt'        ,
                            CFTYP_VEGTYPE(7)      = 'ASCLLV'                    ,
                            CFNAM_VEGTYPE(8)      = 'XDATA_VEGTYPE8.txt'        ,
                            CFTYP_VEGTYPE(8)      = 'ASCLLV'                    ,
                            XUNIF_VEGTYPE(9)      = 0.                          ,
                            CFNAM_VEGTYPE(10)     = 'XDATA_VEGTYPE10.txt'       ,
                            CFTYP_VEGTYPE(10)     =
'ASCLLV'                       ,
                            XUNIF_VEGTYPE(11)     = 0.                          ,
                            CFNAM_VEGTYPE(12)     = 'XDATA_VEGTYPE12.txt'       ,
                            CFTYP_VEGTYPE(12)     = 'ASCLLV'                    ,
                            NTIME                 = 12                          ,
                            XUNIF_VEG(1,1)        = 0.                          ,
                            XUNIF_VEG(1,2)        = 0.                          ,
                            XUNIF_VEG(1,3)        = 0.                          ,
                            XUNIF_VEG(1,4)        = 0.                          ,
                            XUNIF_VEG(1,5)        = 0.                          ,
                            XUNIF_VEG(1,6)        = 0.                          ,
                            XUNIF_VEG(1,7)        = 0.                          ,
                            XUNIF_VEG(1,8)        = 0.                          ,
                            XUNIF_VEG(1,9)        = 0.                          ,
                            XUNIF_VEG(1,10)       = 0.                          ,
                            XUNIF_VEG(1,11)       = 0.                          ,
                            XUNIF_VEG(1,12)       = 0.                          ,
                            XUNIF_VEG(2,1)        = 0.95                        ,
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                  XUNIF_VEG(2,2)        = 0.95                            ,
                  XUNIF_VEG(2,3)        = 0.95                            ,
                  XUNIF_VEG(2,4)        = 0.95                            ,
                  XUNIF_VEG(2,5)        = 0.95                            ,
                  XUNIF_VEG(2,6)        = 0.95                            ,
                  XUNIF_VEG(2,7)        = 0.95                            ,
                  XUNIF_VEG(2,8)        = 0.95                            ,
                  XUNIF_VEG(2,9)        = 0.95                            ,
                  XUNIF_VEG(2,10)       = 0.95                            ,
                  XUNIF_VEG(2,11)       = 0.95                            ,
                  XUNIF_VEG(2,12)       = 0.95                            ,
                  CFNAM_VEG(3,1)        = 'XDATA_VEG1.txt'                ,
                  CFTYP_VEG(3,1)        = 'ASCLLV'                        ,
                  CFNAM_VEG(3,2)        = 'XDATA_VEG2.txt'                ,
                  CFTYP_VEG(3,2)        = 'ASCLLV'                        ,
                  CFNAM_VEG(3,3)        = 'XDATA_VEG3.txt'                ,
                  CFTYP_VEG(3,3)        = 'ASCLLV'                        ,
                  CFNAM_VEG(3,4)        = 'XDATA_VEG4.txt'                ,
                  CFTYP_VEG(3,4)        = 'ASCLLV'                        ,
                  CFNAM_VEG(3,5)        = 'XDATA_VEG5.txt'                ,
                  CFTYP_VEG(3,5)        = 'ASCLLV'                        ,
                  CFNAM_VEG(3,6)        = 'XDATA_VEG6.txt'                ,
                  CFTYP_VEG(3,6)        = 'ASCLLV'                        ,
                  CFNAM_VEG(3,7)        = 'XDATA_VEG7.txt'                ,
                  CFTYP_VEG(3,7)        = 'ASCLLV'                        ,
                  CFNAM_VEG(3,8)        = 'XDATA_VEG8.txt'                ,
                  CFTYP_VEG(3,8)        = 'ASCLLV'                        ,
                  CFNAM_VEG(3,9)        = 'XDATA_VEG9.txt'                ,
                  CFTYP_VEG(3,9)        = 'ASCLLV'                        ,
                  CFNAM_VEG(3,10)       = 'XDATA_VEG10.txt'               ,
                  CFTYP_VEG(3,10)       = 'ASCLLV'                        ,
                  CFNAM_VEG(3,11)       = 'XDATA_VEG11.txt'               ,
                  CFTYP_VEG(3,11)       = 'ASCLLV'                        ,
                  CFNAM_VEG(3,12)       = 'XDATA_VEG12.txt'               ,
                  CFTYP_VEG(3,12)       = 'ASCLLV'                        ,
                  XUNIF_LAI(1,1)        = 0.                              ,
                  XUNIF_LAI(1,2)        = 0.                              ,
                  XUNIF_LAI(1,3)        = 0.                              ,
                  XUNIF_LAI(1,4)        = 0.                              ,
                  XUNIF_LAI(1,5)        = 0.                              ,
                  XUNIF_LAI(1,6)        = 0.                              ,
                  XUNIF_LAI(1,7)        = 0.                              ,
                  XUNIF_LAI(1,8)        = 0.                              ,
                  XUNIF_LAI(1,9)        = 0.                              ,
                  XUNIF_LAI(1,10)       = 0.                              ,
                  XUNIF_LAI(1,11)       = 0.                              ,
                  XUNIF_LAI(1,12)       = 0.                              ,
                  XUNIF_LAI(2,1)        = 0.                              ,
                  XUNIF_LAI(2,2)        = 0.                              ,
                  XUNIF_LAI(2,3)        = 0.                              ,
                  XUNIF_LAI(2,4)        = 0.82                           ,
                  XUNIF_LAI(2,5)        = 4.83                           ,
                  XUNIF_LAI(2,6)        = 5.10                           ,
                  XUNIF_LAI(2,7)        = 5.10                           ,
                  XUNIF_LAI(2,8)        = 5.10                           ,
                  XUNIF_LAI(2,9)        = 5.10                           ,
                  XUNIF_LAI(2,10)       = 4.88                           ,
                  XUNIF_LAI(2,11)       = 1.17                           ,
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                      XUNIF_LAI(2,12)        = 0.                                ,
                      CFNAM_LAI(3,1)         = 'XDATA_LAI1.txt'                   ,
                      CFTYP_LAI(3,1)         = 'ASCLLV'                           ,
                      CFNAM_LAI(3,2)         = 'XDATA_LAI2.txt'                   ,
                      CFTYP_LAI(3,2)         = 'ASCLLV'                           ,
                      CFNAM_LAI(3,3)         = 'XDATA_LAI3.txt'                   ,
                      CFTYP_LAI(3,3)         = 'ASCLLV'                           ,
                      CFNAM_LAI(3,4)         = 'XDATA_LAI4.txt'                   ,
                      CFTYP_LAI(3,4)         = 'ASCLLV'                           ,
                      CFNAM_LAI(3,5)         = 'XDATA_LAI5.txt'                   ,
                      CFTYP_LAI(3,5)         = 'ASCLLV'                           ,
                      CFNAM_LAI(3,6)         = 'XDATA_LAI6.txt'                   ,
                      CFTYP_LAI(3,6)         = 'ASCLLV'                           ,
                      CFNAM_LAI(3,7)         = 'XDATA_LAI7.txt'                   ,
                      CFTYP_LAI(3,7)         = 'ASCLLV'                           ,
                      CFNAM_LAI(3,8)         = 'XDATA_LAI8.txt'                   ,
                      CFTYP_LAI(3,8)         = 'ASCLLV'                           ,
                      CFNAM_LAI(3,9)         = 'XDATA_LAI9.txt'                   ,
                      CFTYP_LAI(3,9)         = 'ASCLLV'                           ,
                      CFNAM_LAI(3,10)        = 'XDATA_LAI10.txt'                  ,
                      CFTYP_LAI(3,10)        = 'ASCLLV'                           ,
                      CFNAM_LAI(3,11)        = 'XDATA_LAI11.txt'                  ,
                      CFTYP_LAI(3,11)        = 'ASCLLV'                           ,
                      CFNAM_LAI(3,12)        = 'XDATA_LAI12.txt'                  ,
                      CFTYP_LAI(3,12)        = 'ASCLLV'                           ,
                      XUNIF_Z0(1,1)          = 0.013                             ,
                      XUNIF_Z0(1,2)          = 0.013                             ,
                      XUNIF_Z0(1,3)          = 0.013                             ,
                      XUNIF_Z0(1,4)          = 0.013                             ,
                      XUNIF_Z0(1,5)          = 0.013                             ,
                      XUNIF_Z0(1,6)          = 0.013                             ,
                      XUNIF_Z0(1,7)          = 0.013                             ,
                      XUNIF_Z0(1,8)          = 0.013                             ,
                      XUNIF_Z0(1,9)          = 0.013                             ,
                      XUNIF_Z0(1,10)         = 0.013                             ,
                      XUNIF_Z0(1,11)         = 0.013                             ,
                      XUNIF_Z0(1,12)         = 0.013                             ,
                      XUNIF_Z0(2,1)          = 1.30                              ,
                      XUNIF_Z0(2,2)          = 1.30                              ,
                      XUNIF_Z0(2,3)          = 1.30                              ,
                      XUNIF_Z0(2,4)          = 1.30                              ,
                      XUNIF_Z0(2,5)          = 1.30                              ,
                      XUNIF_Z0(2,6)          = 1.30                              ,
                      XUNIF_Z0(2,7)          = 1.30                              ,
                      XUNIF_Z0(2,8)          = 1.30                              ,
                      XUNIF_Z0(2,9)          = 1.30                              ,
                      XUNIF_Z0(2,10)         = 1.30                              ,
                      XUNIF_Z0(2,11)         = 1.30                              ,
                      XUNIF_Z0(2,12)         = 1.30                              ,
                      CFNAM_Z0(3,1)          = 'XDATA_Z01.txt'                    ,
                      CFTYP_Z0(3,1)          = 'ASCLLV'                           ,
                      CFNAM_Z0(3,2)          = 'XDATA_Z02.txt'                    ,
                      CFTYP_Z0(3,2)          = 'ASCLLV'                           ,
                      CFNAM_Z0(3,3)          = 'XDATA_Z03.txt'                    ,
                      CFTYP_Z0(3,3)          = 'ASCLLV'                           ,
                      CFNAM_Z0(3,4)          = 'XDATA_Z04.txt'                    ,
                      CFTYP_Z0(3,4)          = 'ASCLLV'                           ,
                      CFNAM_Z0(3,5)          = 'XDATA_Z05.txt'                    ,
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CFTYP_Z0(3,5)        = 'ASCLLV'                      ,
CFNAM_Z0(3,6)        = 'XDATA_Z06.txt'               ,
CFTYP_Z0(3,6)        = 'ASCLLV'                      ,
CFNAM_Z0(3,7)        = 'XDATA_Z07.txt'               ,
CFTYP_Z0(3,7)        = 'ASCLLV'                      ,
CFNAM_Z0(3,8)        = 'XDATA_Z08.txt'               ,
CFTYP_Z0(3,8)        = 'ASCLLV'                      ,
CFNAM_Z0(3,9)        = 'XDATA_Z09.txt'               ,
CFTYP_Z0(3,9)        = 'ASCLLV'                      ,
CFNAM_Z0(3,10)       = 'XDATA_Z010.txt'             ,
CFTYP_Z0(3,10)       = 'ASCLLV'                      ,
CFNAM_Z0(3,11)       = 'XDATA_Z011.txt'             ,
CFTYP_Z0(3,11)       = 'ASCLLV'                      ,
CFNAM_Z0(3,12)       = 'XDATA_Z012.txt'             ,
CFTYP_Z0(3,12)       = 'ASCLLV'                      ,
XUNIF_EMIS(1,1)      = 0.94                          ,
XUNIF_EMIS(1,2)      = 0.94                          ,
XUNIF_EMIS(1,3)      = 0.94                          ,
XUNIF_EMIS(1,4)      = 0.94                          ,
XUNIF_EMIS(1,5)      = 0.94                          ,
XUNIF_EMIS(1,6)      = 0.94                          ,
XUNIF_EMIS(1,7)      = 0.94                          ,
XUNIF_EMIS(1,8)      = 0.94                          ,
XUNIF_EMIS(1,9)      = 0.94                          ,
XUNIF_EMIS(1,10)     = 0.94                          ,
XUNIF_EMIS(1,11)     = 0.94                          ,
XUNIF_EMIS(1,12)     = 0.94                          ,
XUNIF_EMIS(2,1)      = 0.97                          ,
XUNIF_EMIS(2,2)      = 0.97                          ,
XUNIF_EMIS(2,3)      = 0.97                          ,
XUNIF_EMIS(2,4)      = 0.97                          ,
XUNIF_EMIS(2,5)      = 0.97                          ,
XUNIF_EMIS(2,6)      = 0.97                          ,
XUNIF_EMIS(2,7)      = 0.97                          ,
XUNIF_EMIS(2,8)      = 0.97                          ,
XUNIF_EMIS(2,9)      = 0.97                    ,
XUNIF_EMIS(2,10)     = 0.97                    ,
XUNIF_EMIS(2,11)     = 0.97                    ,
XUNIF_EMIS(2,12)     = 0.97                    ,
CFNAM_EMIS(3,1)      = 'XDATA_EMIS1.txt'        ,
CFTYP_EMIS(3,1)      = 'ASCLLV'                 ,
CFNAM_EMIS(3,2)      = 'XDATA_EMIS2.txt'        ,
CFTYP_EMIS(3,2)      = 'ASCLLV'                 ,
CFNAM_EMIS(3,3)      = 'XDATA_EMIS3.txt'        ,
CFTYP_EMIS(3,3)      = 'ASCLLV'                 ,
CFNAM_EMIS(3,4)      = 'XDATA_EMIS4.txt'        ,
CFTYP_EMIS(3,4)      = 'ASCLLV'                 ,
CFNAM_EMIS(3,5)      = 'XDATA_EMIS5.txt'        ,
CFTYP_EMIS(3,5)      = 'ASCLLV'                 ,
CFNAM_EMIS(3,6)      = 'XDATA_EMIS6.txt'        ,
CFTYP_EMIS(3,6)      = 'ASCLLV'                 ,
CFNAM_EMIS(3,7)      = 'XDATA_EMIS7.txt'        ,
CFTYP_EMIS(3,7)      = 'ASCLLV'                 ,
CFNAM_EMIS(3,8)      = 'XDATA_EMIS8.txt'        ,
CFTYP_EMIS(3,8)      = 'ASCLLV'                 ,
CFNAM_EMIS(3,9)      = 'XDATA_EMIS9.txt'        ,
CFTYP_EMIS(3,9)      = 'ASCLLV'                 ,
CFNAM_EMIS(3,10)     = 'XDATA_EMIS10.txt'       ,
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CFTYP_EMIS(3,10)     = 'ASCLLV'                    ,
CFNAM_EMIS(3,11)     = 'XDATA_EMIS11.txt'          ,
CFTYP_EMIS(3,11)     = 'ASCLLV'                    ,
CFNAM_EMIS(3,12)     = 'XDATA_EMIS12.txt'          ,
CFTYP_EMIS(3,12)     = 'ASCLLV'                    ,
XUNIF_DG(1,1)        = 0.01                         ,
XUNIF_DG(1,2)        = 0.50                         ,
XUNIF_DG(1,3)        = 1.00                         ,
XUNIF_DG(2,1)        = 0.01                         ,
XUNIF_DG(2,2)        = 2.00                         ,
XUNIF_DG(2,3)        = 3.00                         ,
XUNIF_DG(3,1)        = 0.01                         ,
CFNAM_DG(3,2)        = 'XDATA_DG2.txt'             ,
CFTYP_DG(3,2)        = 'ASCLLV'                    ,
CFNAM_DG(3,3)        = 'XDATA_DG3.txt'             ,
CFTYP_DG(3,3)        = 'ASCLLV'                    ,
XUNIF_ROOTFRAC(1,1)  = 0.5                          ,
XUNIF_ROOTFRAC(1,2)  = 0.4                          ,
XUNIF_ROOTFRAC(1,3)  = 0.1                          ,
XUNIF_ROOTFRAC(2,1)  = 0.5                          ,
XUNIF_ROOTFRAC(2,2)  = 0.4                          ,
XUNIF_ROOTFRAC(2,3)  = 0.1                          ,
XUNIF_ROOTFRAC(3,1)  = 0.5                          ,
XUNIF_ROOTFRAC(3,2)  = 0.4                          ,
XUNIF_ROOTFRAC(3,3)  = 0.1                          ,
XUNIF_RSMIN(1)       = 150.                         ,
XUNIF_RSMIN(2)       = 150.                         ,
CFNAM_RSMIN(3)       = 'XDATA_RSMIN.txt'           ,
CFTYP_RSMIN(3)       = 'ASCLLV'                    ,
XUNIF_GAMMA(1)       = 0.04                         ,
XUNIF_GAMMA(2)       = 0.04                         ,
XUNIF_GAMMA(3)       = 0.00                         ,
XUNIF_WRMAX_CF(1)    = 0.10                         ,
XUNIF_WRMAX_CF(2)    = 0.10                         ,
XUNIF_WRMAX_CF(3)    = 0.20                         ,
XUNIF_RGL(1)         =  30.                         ,
XUNIF_RGL(2)         =  30.                         ,
XUNIF_RGL(3)         =  100.                        ,
XUNIF_CV(1)          = 0.00001                      ,
XUNIF_CV(2)          = 0.00001                      ,
XUNIF_CV(3)          = 0.00002                      ,
XUNIF_Z0_O_Z0H(1)    = 10.                          ,
XUNIF_Z0_O_Z0H(2)    = 10.                          ,
XUNIF_Z0_O_Z0H(3)    = 10.                          ,
XUNIF_ALBNIR_VEG(1)  = 0.25                         ,
XUNIF_ALBNIR_VEG(2)  = 0.25                         ,
XUNIF_ALBNIR_VEG(3)  = 0.30                         ,
XUNIF_ALBVIS_VEG(1)  = 0.05                         ,
XUNIF_ALBVIS_VEG(2)  = 0.05                         ,
XUNIF_ALBVIS_VEG(3)  = 0.10                         ,
XUNIF_ALBUV_VEG(1)   = 0.0525                       ,
XUNIF_ALBUV_VEG(2)   = 0.0525                       ,
CFNAM_ALBUV_VEG(3)   = 'XDATA_ALBUV_VEG.txt'       ,
CFTYP_ALBUV_VEG(3)   = 'ASCLLV'                    ,
XUNIF_ALBNIR_SOIL(1) = 0.3             ,
XUNIF_ALBNIR_SOIL(2) = 0.3             ,
XUNIF_ALBNIR_SOIL(3) = 0.3             ,
XUNIF_ALBVIS_SOIL(1) = 0.1             ,
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                    XUNIF_ALBVIS_SOIL(2) = 0.1              ,
                    XUNIF_ALBVIS_SOIL(3) = 0.1              ,
                    XUNIF_ALBUV_SOIL(1)  = 0.06             ,
                    XUNIF_ALBUV_SOIL(2)  = 0.06             ,
                    XUNIF_ALBUV_SOIL(3)  = 0.06             ,
                    XUNIF_GMES(1)        = 0.001            ,
                    XUNIF_GMES(2)        = 0.001            ,
                    XUNIF_GMES(3)        = 0.001            ,
                    XUNIF_RE25(1)        = 0.0000003        ,
                    XUNIF_RE25(2)        = 0.0000003        ,
                    XUNIF_RE25(3)        = 0.0000003        ,
                    XUNIF_BSLAI(1)       = 0.25             ,
                    XUNIF_BSLAI(2)       = 0.25             ,
                    XUNIF_BSLAI(3)       = 0.25             ,
                    XUNIF_LAIMIN(1)      = 0.3              ,
                    XUNIF_LAIMIN(2)      = 0.3              ,
                    XUNIF_LAIMIN(3)      = 0.3              ,
                    XUNIF_SEFOLD(1)      = 31536000.        ,
                    XUNIF_SEFOLD(2)      = 31536000.        ,
                    XUNIF_SEFOLD(3)      = 31536000.        ,
                    XUNIF_GC(1)          = 0.00015          ,
                    XUNIF_GC(2)          = 0.00015          ,
                    XUNIF_GC(3)          = 0.00015          ,
                    XUNIF_DMAX(1)        = 0.1              ,
                    XUNIF_DMAX(2)        = 0.1              ,
                    XUNIF_DMAX(3)        = 0.1              ,
                    XUNIF_F2I(1)         = 0.3              ,
                    XUNIF_F2I(2)         = 0.3              ,
                    XUNIF_F2I(3)         = 0.3                      ,
                    XUNIF_H_TREE(1)      = 10.                      ,
                    XUNIF_H_TREE(2)      = 10.                      ,
                    XUNIF_H_TREE(3)      = 10.                      ,
                    XUNIF_CE_NITRO(1)    = 4.83                     ,
                    XUNIF_CE_NITRO(2)    = 4.83                     ,
                    XUNIF_CE_NITRO(3)    = 4.83                     ,
                    XUNIF_CF_NITRO(1)    = 2.53                     ,
                    XUNIF_CF_NITRO(2)    = 2.53                     ,
                    XUNIF_CF_NITRO(3)    = 2.53                     ,
                    XUNIF_CNA_NITRO(1)   = 2.0                      ,
                    XUNIF_CNA_NITRO(2)   = 2.0                      ,
                    XUNIF_CNA_NITRO(3)   = 2.0                      /

        FILESGET_LIST='CFNAM_PARIS.tgz'
```