

### NetCDF FileX example

Set file name:  
nc\_filex%set\_file\_from\_cmd\_arg()

Open FileX:  
nc\_filex%open()

Read from FileX:  
nc\_filex%read()

Create \*FIELDS section with csm\_io:  
csminp%add\_sec()

Add coordinates to \*FIELDS section:  
csminp%add\_var()

Store coordinates values:  
csminp%put()

### NetCDF soil example

Set file name:  
nc\_soil%set\_file\_from\_cmd\_arg()

Initialize NetCDF soil file:  
init\_nc\_soil()

Read depth to base of layer:  
nc\_soil%read()

### NetCDF weather example

Set file name:  
nc\_wth%set\_file\_from\_cmd\_arg()

Open NetCDF weather file:  
nc\_wth%open()

Set latitude and longitude:  
nc\_wth%set\_lat\_lon()

Set start date for weather:  
nc\_wth%set\_date()

Read solar radiation:  
nc\_wth%read()

### NetCDF GSP example

Set file name:  
nc\_gen%set\_file\_from\_cmd\_arg()

Open NetCDF GSP file:  
nc\_gen%open()

Set cultivar and ecotype:  
nc\_gen%set\_cul\_eco()

Read cultivar parameter:  
nc\_gen%read\_cul()

Read ecotype parameter:  
nc\_gen%read\_eco()

Read species parameter:  
nc\_gen%read\_spe()

