PRO A\_simInvMod\_handler\_water\_lim

Set the temporal domain between sJD and eJD

tJD = time array extracted from meteo (ECMWF), from sJD to eJD. DAILY

ec\_JD = as above but for eddy. DAILY

satObsJD = as above but from modis. 8 DAYS

wlim.tJD = time array for water lim, starts 90 day before sJD, from sJD-90 to eJD. Data can come fro eddy or met depending on settings

PRO InvWrapper\_water\_lim

tJD, satObsJD are passed to this function and placed in fcnargs

NDVI of (satObsJD) is computed and min-max weights are set on this support.

MPFITFUN is called with obsJD, NDVI\_obs as X and Y

FUNCTION NDVI\_from\_model\_water\_lim

Here simForwMod\_water\_lim is called passing both tJD, satObsJD

FUNCTION simForwMod\_water\_lim

Here the basic forward DAILY simulation over tJD, starting from JD0 (a model parameter)