SELFE post processing instruction

Parameters in file: “combine\_output.in”;

**i\_mode**:the extreaction mode.

1. =0: combine the SELFE original bindary format.
2. =1: extract horizontal data from combined SELFE output (i\_mode =0)
3. =2: extract vertical profile data from combined SELFE output(i\_mod=0);
4. =3: extract time series from combined SELFE output(i\_mod=0);
5. =4: extract horizontal data from netcdf output;
6. =5: extract vertical profile data from netcdf output;
7. =6: extract time series form netcdf output

**file63**: the variables need to extract, the same as in SELFE tool;

**ibgn,iend**: start file number and end file number;

**i\_out\_form**: output form,(only used for imode = 1,2,4,5

1. =1: tecplot format;
2. =2: sms format;

**tec\_form**: export tecplot file in a single file or multiple files,(only used for i\_out\_form =1)

1. =1: in a single file
2. =2: in a series of files (one time step per file)

**i\_vprof\_mode**: the type of variables need to extract;

1. =1: scalar;
2. =2: vector;

**input file folder**: the input folder location and name;

**output file folder**: the output folder location and name;

**ilev**: which level of data need to extract, when imod=1, 4

1. =-2: vertical average
2. =-1: bottom layer
3. =0 : surface layer
4. 1~nvrt: the specified Slayer or Zlayer