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| **In FVCOM43\_source:** | |
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| **Modified (7):** | |
| cntrl\_prmtrs.F | Added register function calling for surface output NetCDF file |
| mod\_assim.F | Fixed a bug in subroutine TEMP\_ASSIMILATION:  TG(I,K) = TG(I,K) + TS\_GALPHA\*TCORR1(I,K) => TG(I,K) = TG(I,K) + TS\_OIGALPHA\*TCORR1(I,K) |
| mod\_force.F | Limited the line 7907 (now 7909) only for non-ICE\_FRESHWATER (from Ayumi Fujisaki Manome):  # if !defined (ICE\_FRESHWATER)  ice\_swv\_n%curr\_stkcnt = 0;  ice\_swv\_p%curr\_stkcnt = 0  # endif |
| mod\_input.F | a) Set the default values for the namelist NML\_NETCDF\_SURFACE  b) Added the code to check the direction of variable NV |
| mod\_main.F | a) Added the namelist NML\_NETCDF\_SURFACE for surface variable output  b) Added definition and allocation of the surface variables for NetCDF output |
| mod\_ncdio.F | Added new code for surface output NetCDF file |
| mod\_nesting.F | Modified the nesting input for hydrostatic mode |
| mod\_set\_time.F | a) Set the output time for the surface output file  b) Fixed a bug: line 1422: CASE('cycle') => CASE('cycles') |
| mod\_utils.F | Added parameter NCSF\_CODE for surface variable output in MPI IO mode |