SAMPLE CASE SETUP

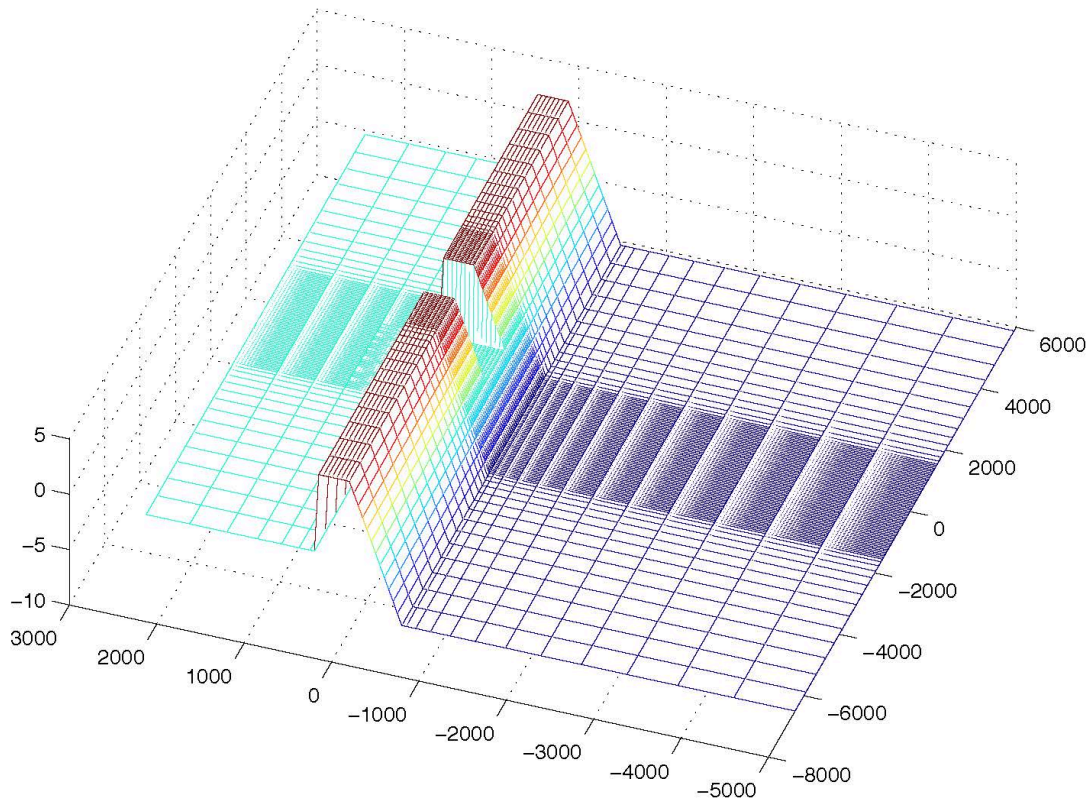

Figure 1. Model grid

1) generate computational grid using mkxyz_inlet.f
   grid data includes dep_inlet.txt, x_inlet.txt, y_inlet.txt (for SHORECIRC) and xxyy_swan_inlet.txt, dep_swan_inlet.txt (for SWAN), Figure 1 shows the grid generated by mkxyz_inlet.f. Note that it is a stretched grid (dx and dy are not constant). You may generate our own grid with constant dx and dy by modifying mkxyz_inlet.f

2) generate wave input condition for SWAN using mkwave_field.m (matlab program). You should read SWAN manual in order to make your own wave condition. mkwave_field.m will generate wave_field.txt for SWAN input.

3) make tide condition following mk_tide.f90. You should read Users' manual for more details about tidal condition.
4) Setup INPUT in /work/ directory. The following are something you MUST change in order to run on your computer

   - Change RESULT_FOLDER = /Users/fengyanshi/tmp2/ to existing directory on your computer.

- Modify OUTPUT section in INPUT file (read manual) to save hard disk space