**EasyKrig\_V3.0\_Matlab2012a**

The following has been adapted to the EasyKrig\_v3.0 code such that it also runs under Matlab R2012a -64 bits (Windows)

Fix 1:

The function 'fileparts' in Matlab R2012a only provides 3 output arguments instead of 4 under previous matlab versions. The fourth argument has therefore been removed (I believe the output argument VER is not used anywhere else in the code):

[PATH,NAME,EXT] = fileparts(FILE) instead of: [PATH,NAME,EXT,VER] = fileparts(FILE)

Fix 2:

The EasyKrig function 'message' overrules some internal Matlab function that is also named 'message'

The function 'message.m' (in EasyKrig directory ‘help’) has been renamed into message**s**.m, and the header line in the m-file has been adpated accordingly:

function h0=message**s**(opt,msg1,msg2,hdl\_msg)

instead of: function h0=message(opt,msg1,msg2,hdl\_msg)

Fix 3:

The function 'bessel' is no longer in use in Matlab R2012a

in 'variogrammodel3d.m' the the function bessel has been replaced by **besselj** (bessel function of the first kind)

Fix 4: (9-30-2015)

Function variogram\_proc.m in varigram directory.

* Line 118: dang\_azm = 180 🡺 dang\_azm=360 for isotropic case
* Line 121: hdl.vario.ang\_wd\_dip 🡺 hdl.vario.ang\_wd\_azm
* Also did on EchoPro: C:\Projects\EchoPro\EchoProGUI\_Current\kriging\variogram on 10/05/2015