Kriging Acoustic Data

Here is a package written by D. Chu that can be run in MatLab:
ftp://globec.whoi.edu/pub/software/kriging/easy_krig/
Version 2 has the capacity for 2-dimensional kriging .
Version 3 has the capacity to do 3-dimensional kriging.

Note: Whoever is going to use this should double check that they are satisfied with how the units are handled. At one point (and may still), the unit labels that you enter were used only for labeling the output figure, and not for controlling distances. Therefore, a unit in longitude was considered equal to the distance of a unit in latitude during the geostatistical calculations ...which may not matter if you're working in a small enough survey region. I converted all of my work to meter-space to insure that the east/west and north/south distances were equidistant and therefore one less factor confounding my results.

Here is a link to the Version 1 README.
ftp://globec.whoi.edu/pub/software/kriging/easy_krig/V1.0/README/easy_krig.html

A newer version of the README should come down with whichever EasyKrig version you download.
(The online README for version 3 is trashed:
http://globec.whoi.edu/software/kriging/easy_krig/easy_krig.html)