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Computer codes by other authors

The following computer codes were kindly made available by their authors over the internet. The internet addresses given are those from which the codes were obtained and may no longer be valid.

Code & Programmer	Description and internet location
CSR (R. Eanes)	Calculates the ocean tide at any location based on satellite altimetry (Schrama & Ray, 1994). ftp://ftp.csr.utexas.edu/pub/tide/csr_2.0/
ETGTAB (H.-G. Wenzel)	Calculates the tidal potential (and hence solid tide) at any point on the Earth's surface. http://www-gik.bau-verm.uni-karlsruhe.de/~iagetc/
HYDROTHRERM (D. Hayba)	Finite difference code to calculate Darcy flow in a porous medium. Uses the full non-linear properties of water. http://water.usgs.gov/software/hydrotherm.html
MWPS (A. Chave)	Implements the multiple window power spectrum technique described in Thomson (1982). ftp://faraday.whoi.edu/pub
SPOTL (D.C. Agnew)	A suite of programs to calculate the load tide (Agnew, 1997). ftp://bilby.ucsd.edu/pub/spotl

In addition, a selection of codes to predict the ocean tide is currently available from http://podaac-www.jpl.nasa.gov/cdrom/tide/Document/html/models.htm

Computer codes written for this dissertation

The following computer codes were written by the author for use in this dissertation.

Code & Programmer	Description
PREDICT (T. Jupp)	Calculates the time-domain representation of a tidal signal from its Admiralty Method harmonic constants.
HYBRID (T. Jupp)	Extracts the Admiralty Method harmonic constants from a tidally modulated time-series
DIFFUSE (T. Jupp)	Calculates the response of a two dimensional poroelastic subseafloor convection cell to tidal loading at the seafloor.