Quantifying variability in stream morphology/habitat


(Compiles tools for assessing geomorphic variability, tests on synthetic data and applies to Australian river.)


(Use kriging for surfaces and spatial statistics on sequential DEMs – compare to examine changes over time in channel morphology, UK river and researchers.)


(Review paper – addresses problem at multiple spatial scales, major tool = correlograms and semi-variograms.)


(Examines changes n residual water depth over time in California river. Good application of geostatistics.)


(Introduction to a special issue of J. N. Am. Benthol.Soc. Good review of the state of this line of research. Cooper article above came from this issue.)


(Depth and velocity frequency distributions compiled from data around the world.)


(Used measures of variability and dissimilarity to compare channel units within reaches.)