

Eighth GEBCO Science – presentation abstract

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Poster presentation title: Bathymetric uncertainty estimation for interpolators inherently lacking this estimate

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Abstract

Gridding algorithms used for geophysical data often lack an inherent estimation of uncertainty. This poster proposes an applicable uncertainty estimation algorithm. It uses a combination of

- 1) The initial uncertainty estimator from the Combined Uncertainty and Bathymetry Estimator algorithm that is augmented for bottom slope considerations.
- 2) Delaunay triangularization for nearest neighbor search.