

Supplementary Material - Tsunamis caused by submarine slope failures along western Great Bahama Bank

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Video V1: Movie of tsunami propagation for the partial landslide scenario. (Movie was created in MATLAB r2014a using GEBCO grids, <http://www.gebco.net>).

Video V2: Movie of tsunami propagation for the single landslide scenario. (Movie was created in MATLAB r2014a using GEBCO grids, <http://www.gebco.net>).

Video V3: Movie of tsunami propagation for the potential future landslide scenario. (Movie was created in MATLAB r2014a using GEBCO grids, <http://www.gebco.net>).

Video V4: Movie of tsunami propagation for the margin failure scenario. (Movie was created in MATLAB r2014a using GEBCO grids, <http://www.gebco.net>).

Figure S1: Factor of safety, p-wave velocity, and lithologic column for sites 1003A and 1005A from IODP Leg 166. Data was obtained from Eberli et al., (1997).

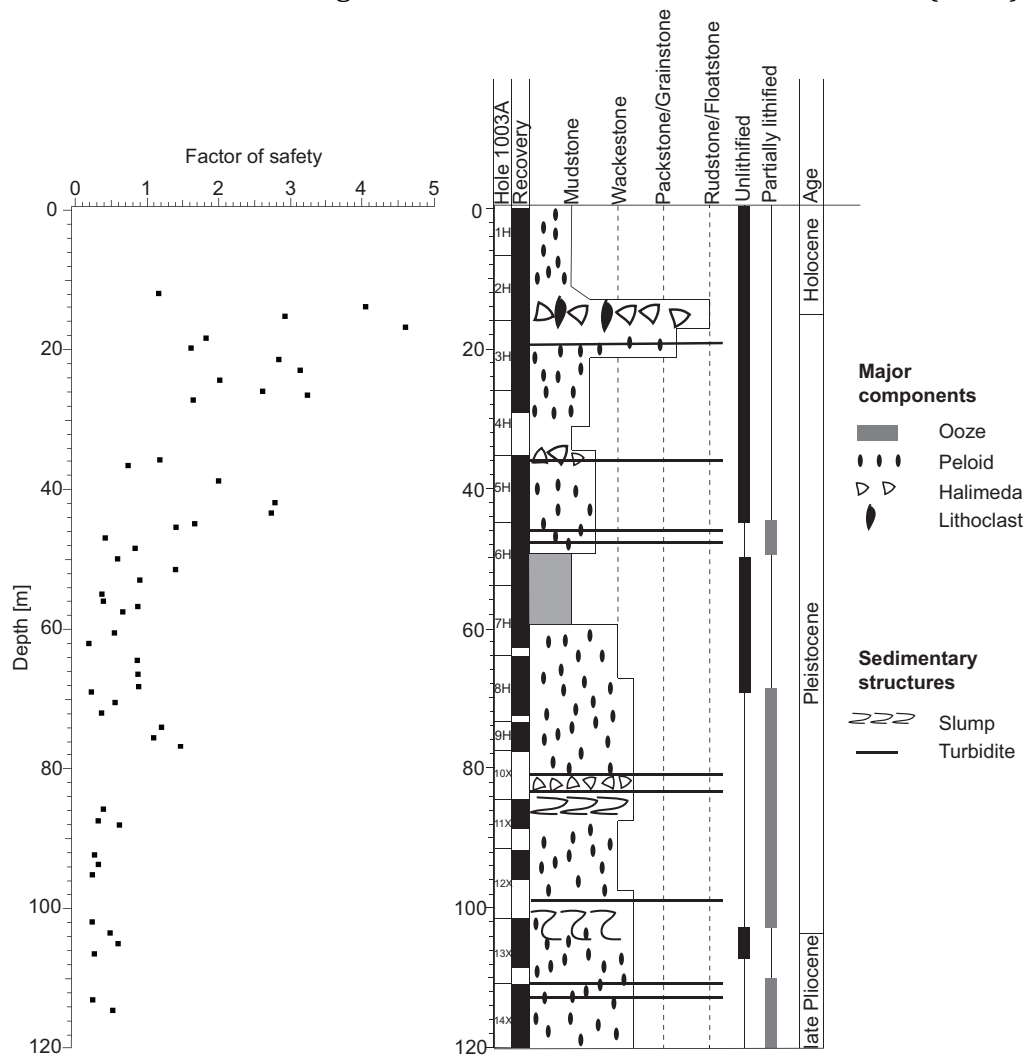
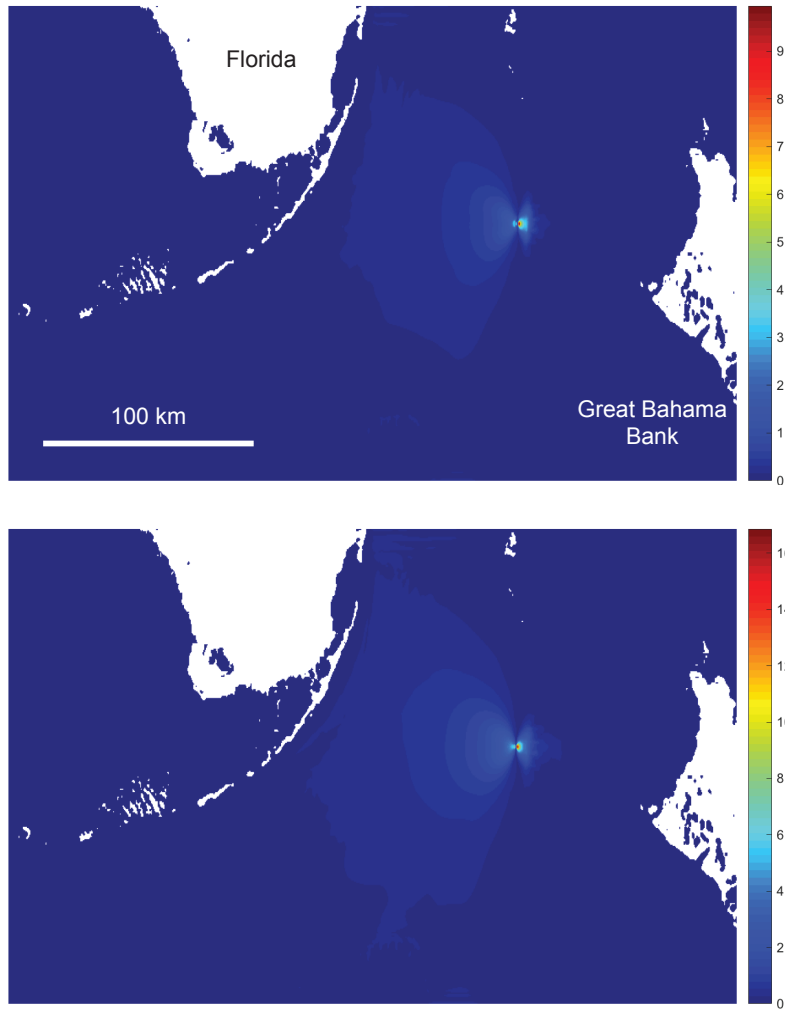
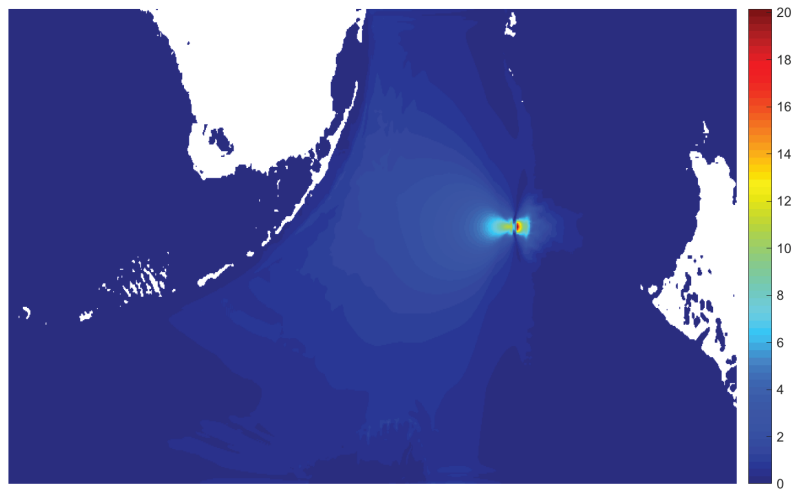
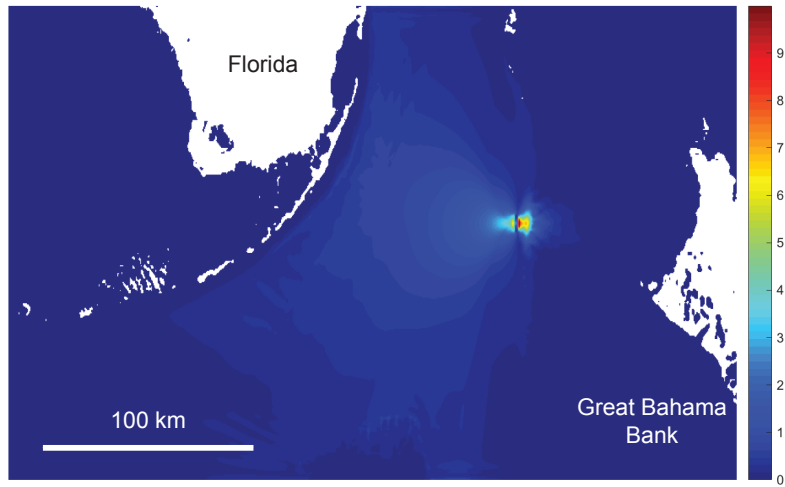


Figure S2: Peak wave height maps for all the simulations. Units are in meters. (Maps were created in MATLAB r2014a using GEBCO grids, <http://www.gebco.net>).

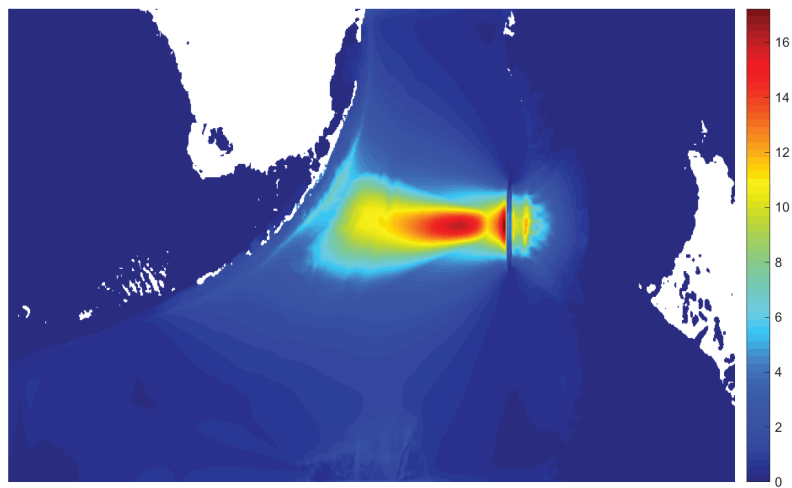
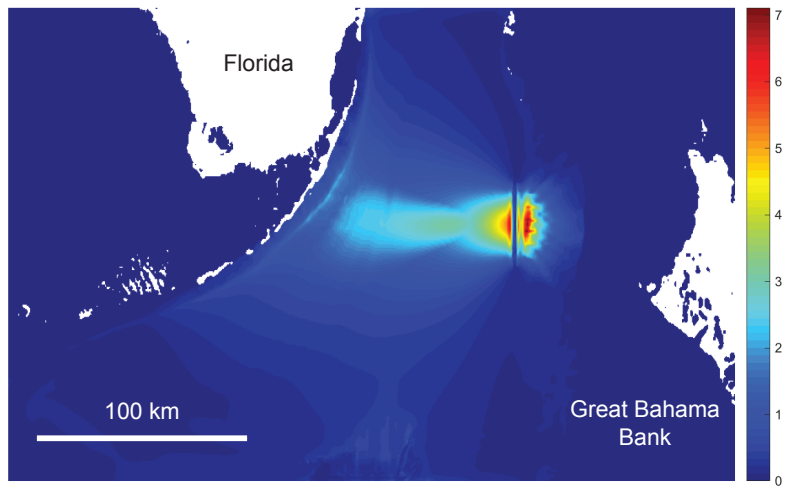
a) Partial landslide 20 m/s and 35.8 m/s;



b) Single landslide 20 m/s and 38.7 m/s;



c) Potential future landslide 20 m/s and 48.32 m/s;



d) Margin collapse 20 m/s and 60.25 m/s;

