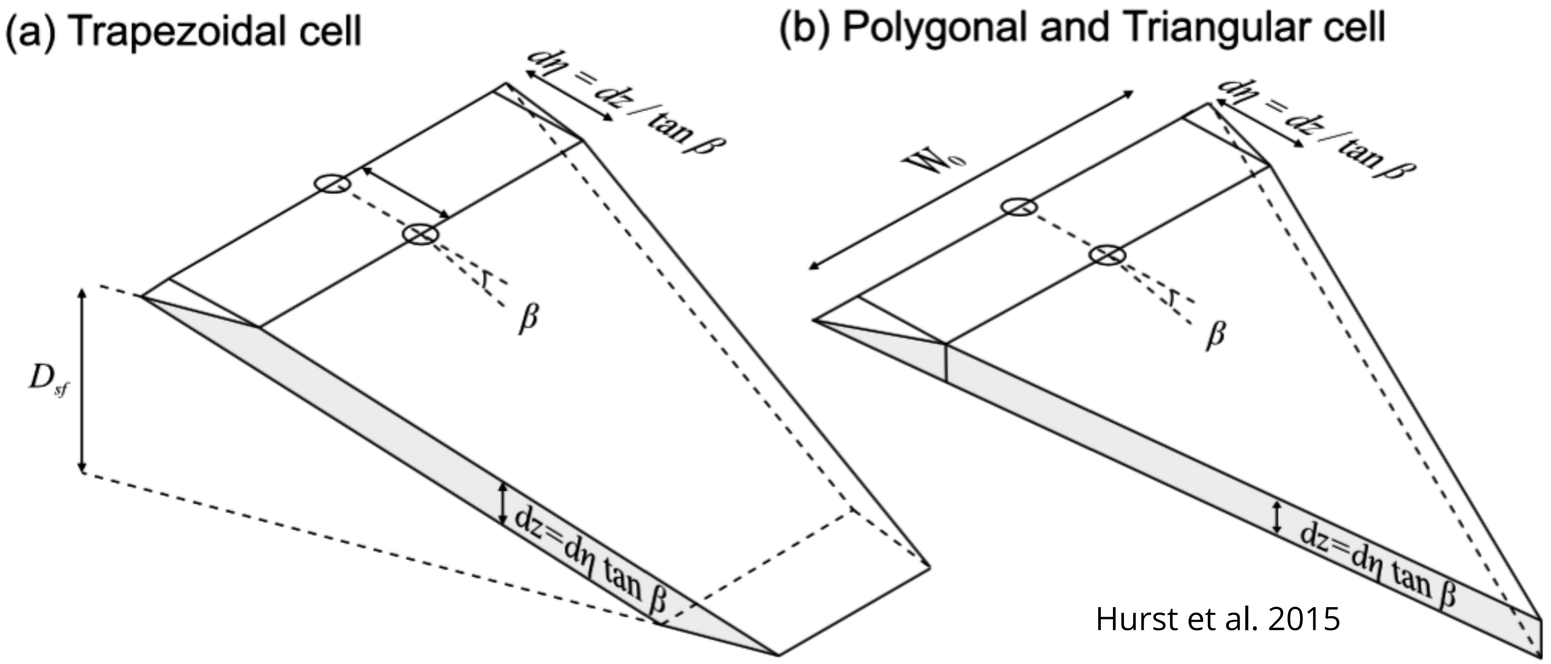
1-line model



Hurst et al. 2015

Geometric diagrams of the volume of change within a coastal cell for (a) trapezoidal cells, which can advance and retreat across the shoreface and (b) polygonal or triangular cells whose position at their seaward tip or boundary is fixed to prevent mass balance difficulties. The volumes of these shapes can be solved to be a function of dη.