Z The adverse effect of fishing effort on seabed habitat features, measured in km^2 units. Z is area swept (A) that has been adjusted for susceptibility (S) and recovery (R). Z is considered a "stock" effect that accumulates over time based on the amount of adverse effect entering the fishery in any particular time step (Y), and the amount of adverse effect deemed to have recovered in that time step (X), such that $Z = X - Y$

Z_∞, Z_{inf} The asymptotically stable equilibrium level of *Z*. Z_∞ is reached when a constant annual level of fishing area swept is applied to the all grid cells in the model for a length of time just slightly greater than the greatest terminal year of recovery estimated for all features in the Vulnerability Assessment. (Previously referred to as   )

$Z_{realized}$ The actual distribution of Z by gear type based on past area swept estimates. Annual $Z_{realized}$ estimates for each 100 km^2 grid cell include the current year Z summed across all area swept in the cell, adjusted for feature susceptibility, plus Z accumulated from fishing events in past years that has not yet decayed.
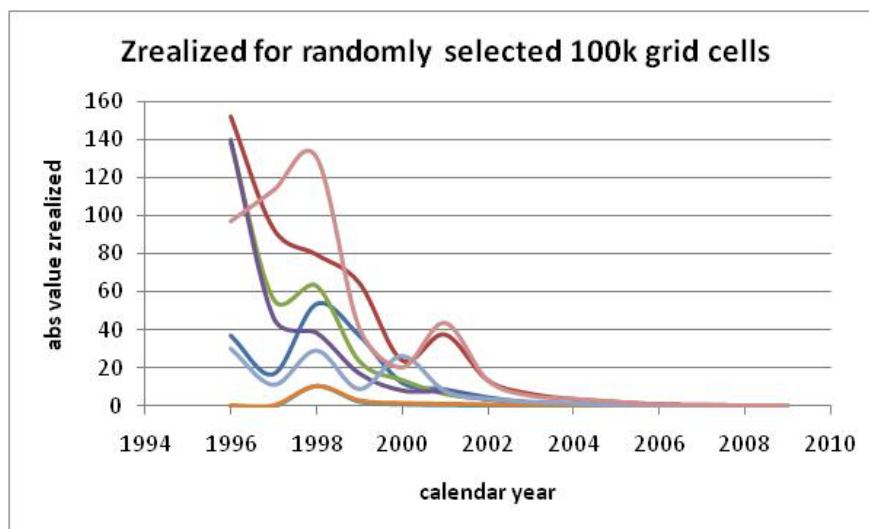
Z_{net} An instantaneous estimate of all the adverse effect that occurs as a result of a single fishing event. Z_{net} sums the annual Z value from the year the fishing event occurred until Z decays to 0 (i.e. until recovery is complete).