

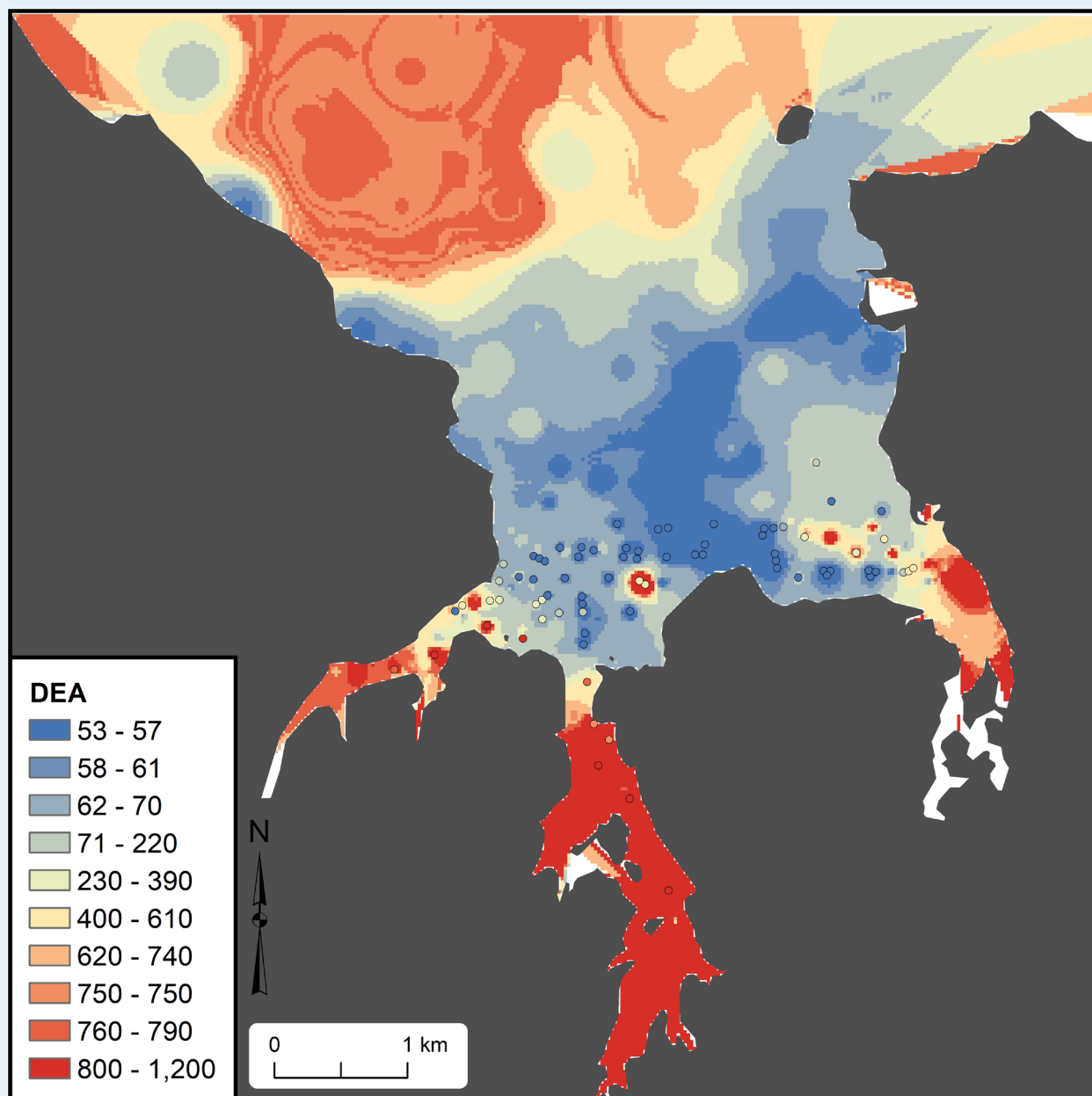


Map

## Denitrification potential: Whitford estuary (25 km<sup>2</sup>)

This map shows areas where nitrogen removal by soft-sediment seabed is predicted to be high based on an indirect measure, denitrification enzyme activity (DEA). The removal of nitrogen from coastal waters is a critical ecosystem service, particularly in areas with high nutrient run-off from land.

The zones indicate the classification of importance to service provision from **high importance (red)** to **low importance (blue)**.



Lohrer AM, Stephenson F, Douglas EJ and Townsend M (2020). Mapping the estuarine ecosystem service of pollutant removal using empirically validated boosted regression tree models. *Ecological Applications* DOI: 10.1002/eap.2105