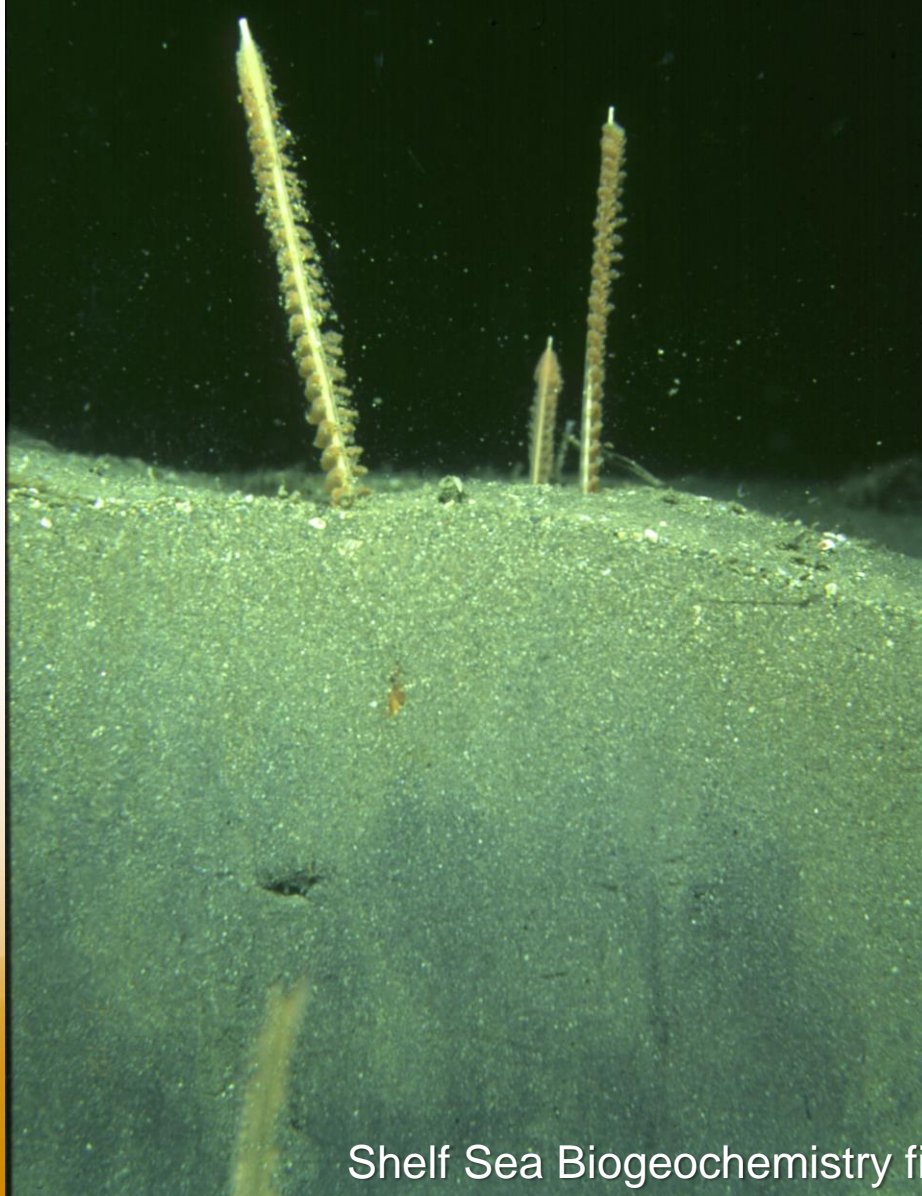


Biogeochemistry, macronutrient and carbon cycling in the benthic layer (BMCC)



NERC

SCIENCE OF THE ENVIRONMENT

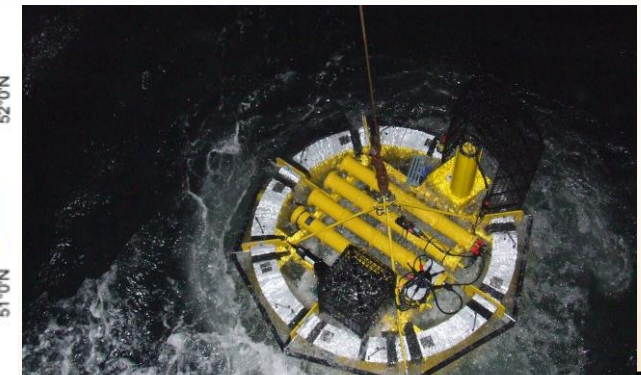
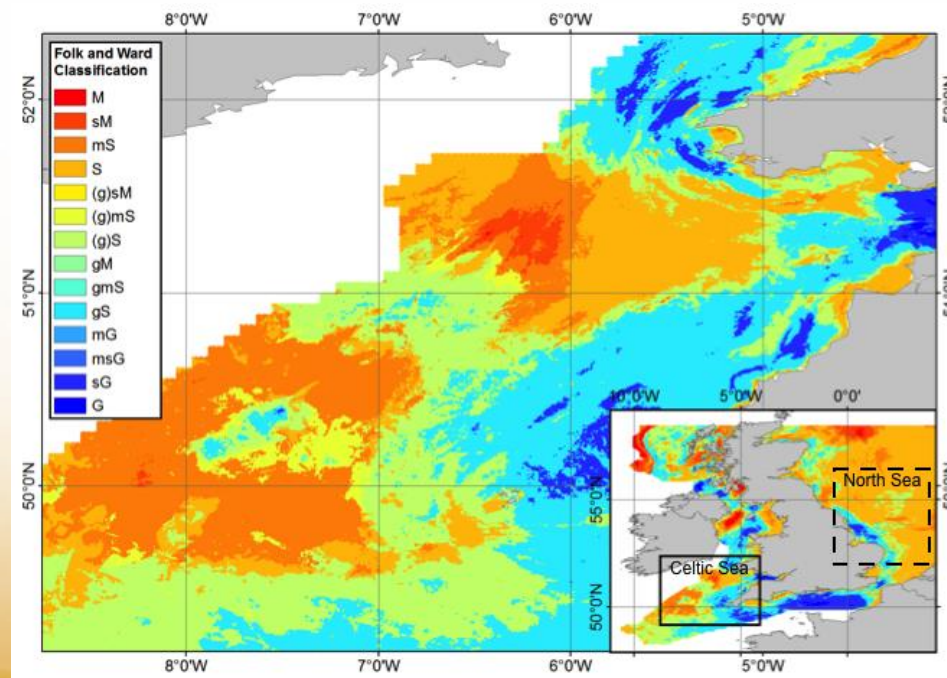
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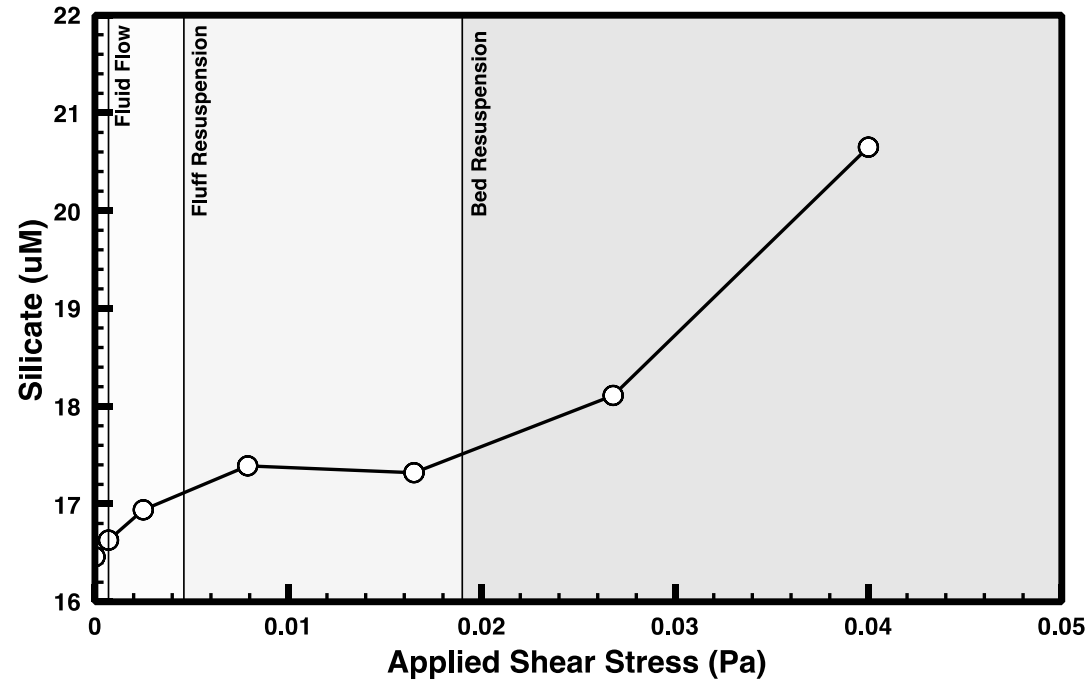
Controls of Temporal and Spatial variation in resuspension driven inorganic nutrient exchange in UK shelf seas

Charlie Thompson, Reynolds, Panton, Fones, Couceiro

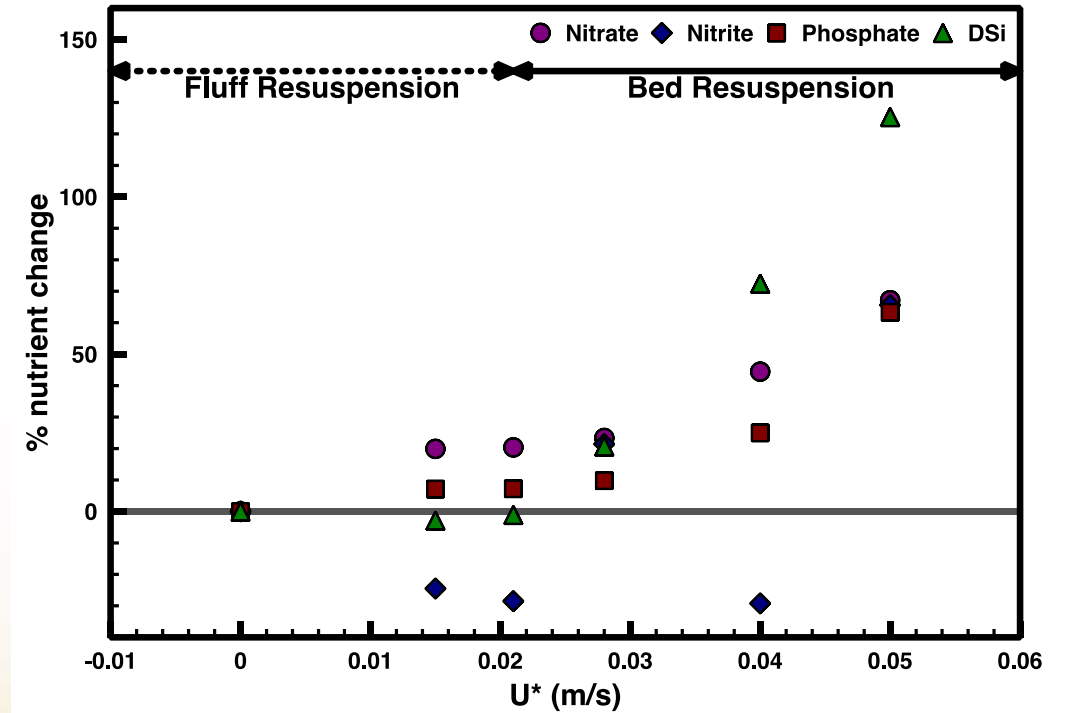


Controls of Temporal and Spatial variation in resuspension driven inorganic nutrient exchange in UK shelf seas

• Celtic Sea



• North Sea



• Frequent Resuspension

- Nitrite: seasonal dependence
- Nitrate: variable
- Ammonium: release
- Silicate & phosphate: release

• Infrequent, wave-driven resuspension

- Nitrate, phosphate and silicate: release