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Assessing spatial and temporal variability of phytoplankton communities' composition in the Iroise Sea ecosystem (Brittany, France): A 3D modeling approach. Part 1: Biophysical control over plankton functional types succession and distribution

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Part 1: Biophysical control over plankton functional types succession and distribution

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Highlights

- First biogeochemical modeling study of the Iroise Sea ecosystem
- Distinct impacts of a tidal front on the distribution of ecosystem communities
- Enhanced coexistence among large and small size class is simulated at the location of the tidal front

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