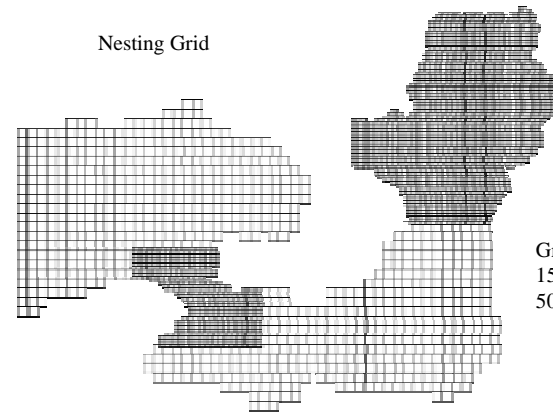


Grid System

Nesting Grid



Grid Size
1500m (Base Domain)
500m (Fine Domain)

Environmental Fluid Simulation Exercise - Ariake Sea -

Reduction of Oxygen-Deficient Water in Isahaya Bay

0

1

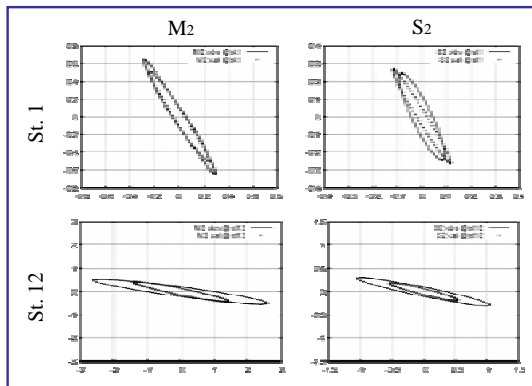
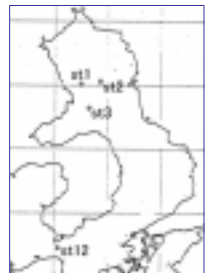
Ecosystem Model

Planktonic Model

Phytoplankton (Diatom, Flagellum alga)
Zoo Plankton
POC, DOC
NH₄, Nitrate, Nitrite
Phosphoric acid, Silicic acid, DO

Benthic Model

Benthic diatom
Benthos
Bacteria
Sulfide
Inorganic matter



2

3

