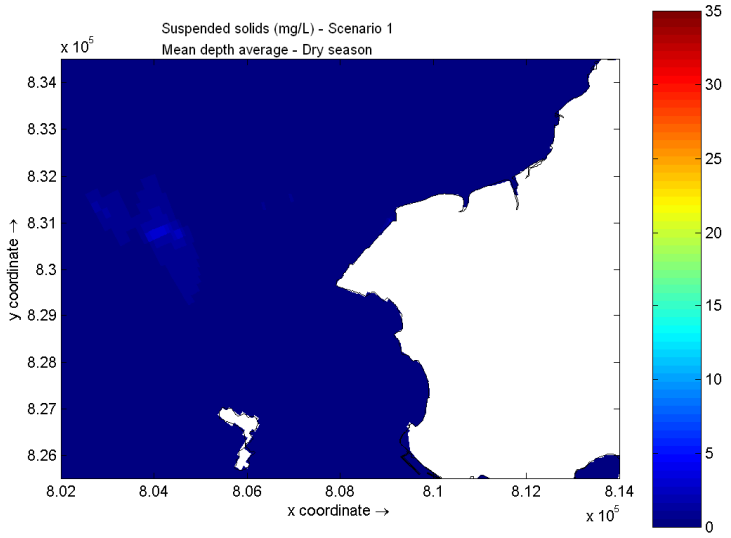
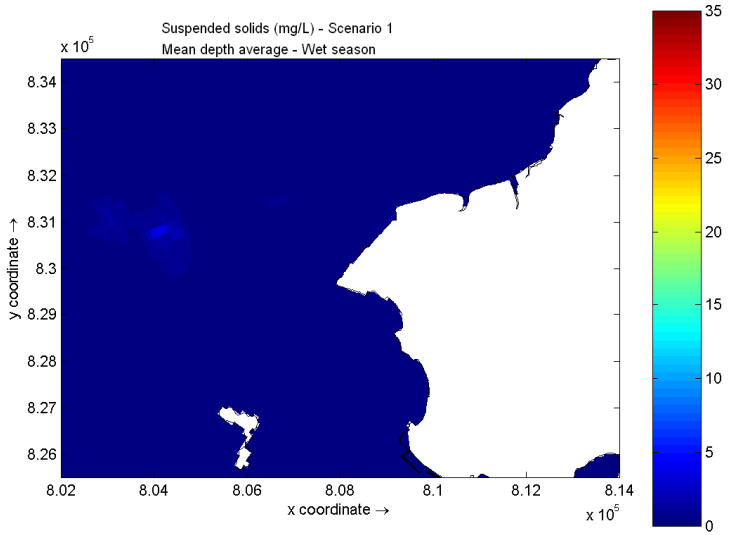
Annex 6C

Model Results for the Construction Scenarios (Sediment Dispersion)

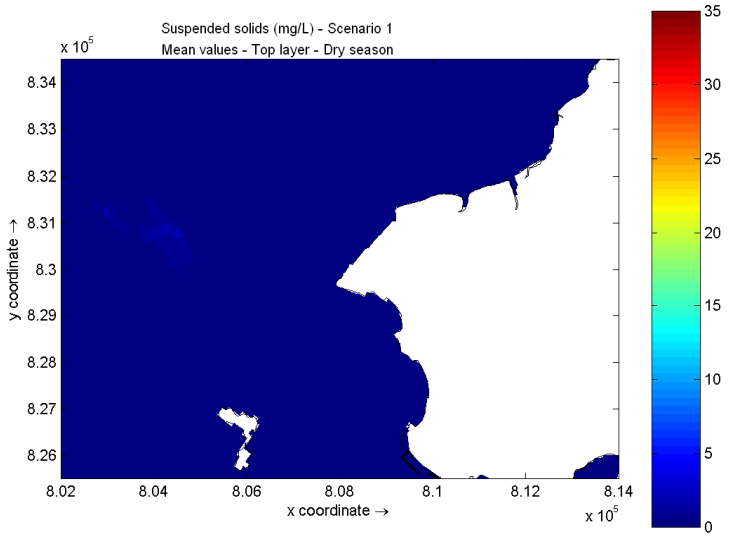


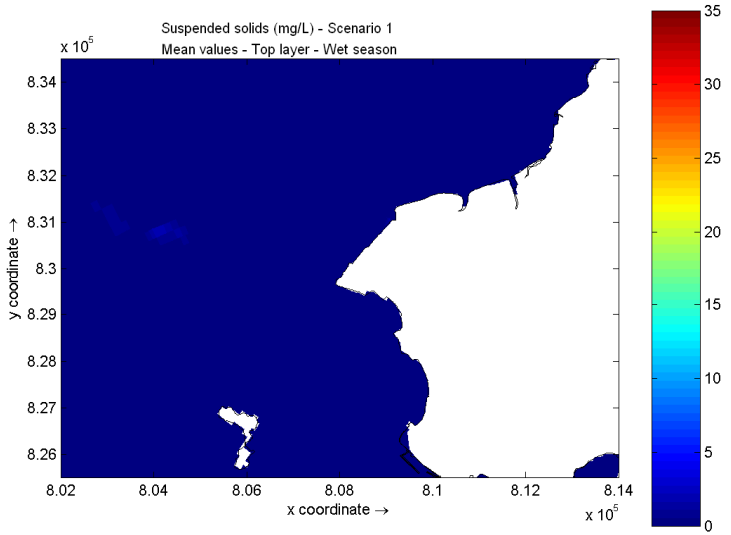


Scenario 1 – Depth-averaged
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

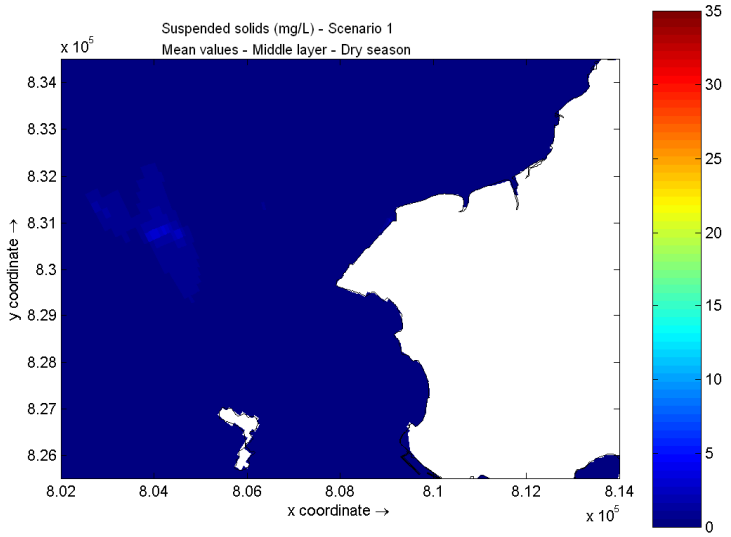


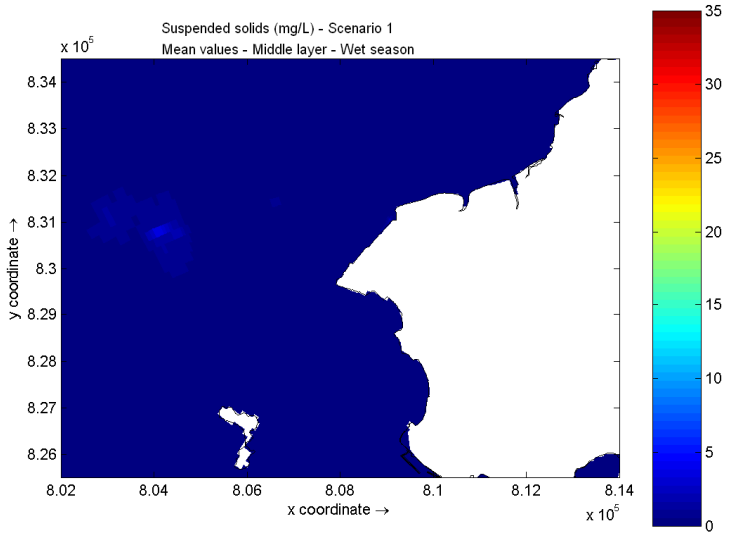


Scenario 1 – Top layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM





Scenario 1 – Middle layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

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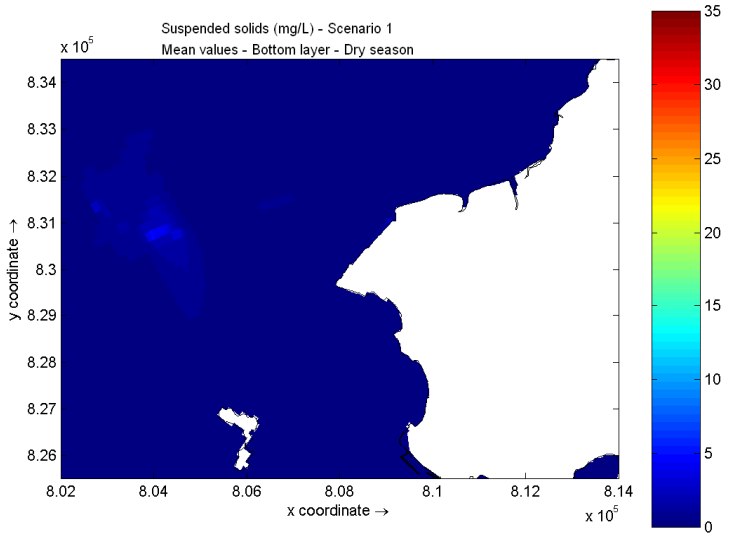
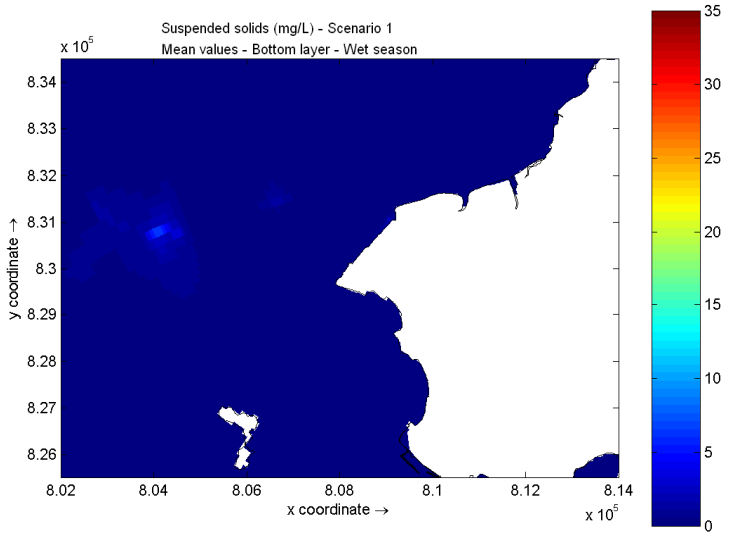
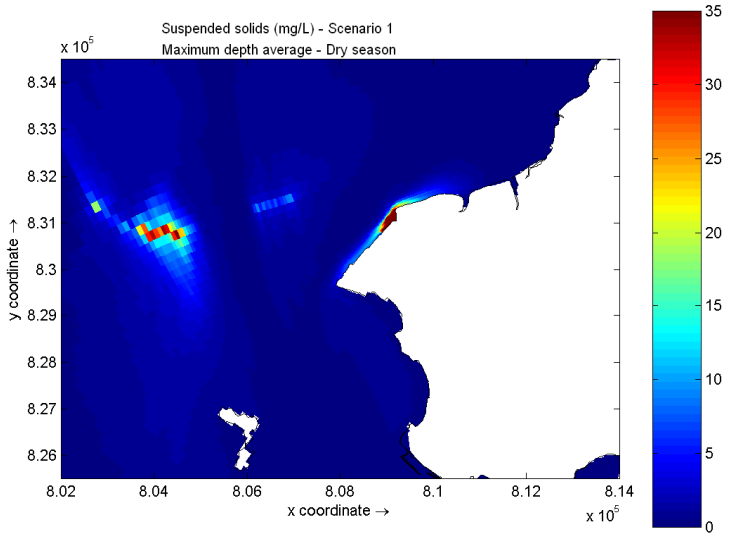


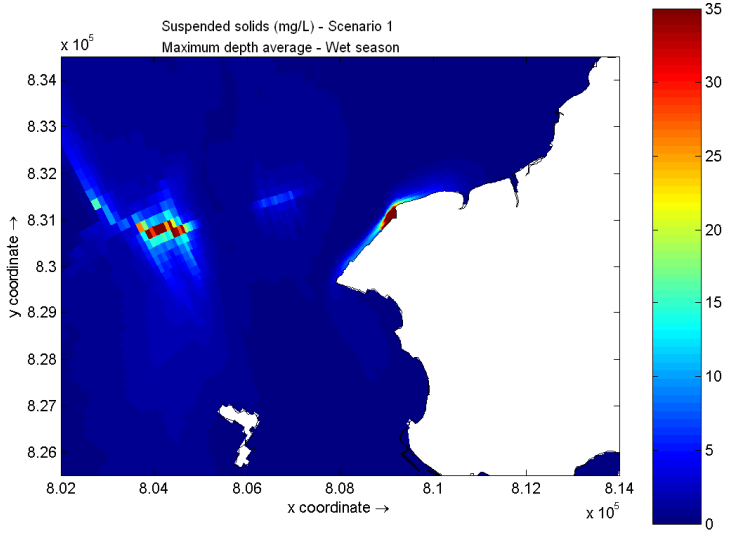


Scenario 1 – Bottom layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

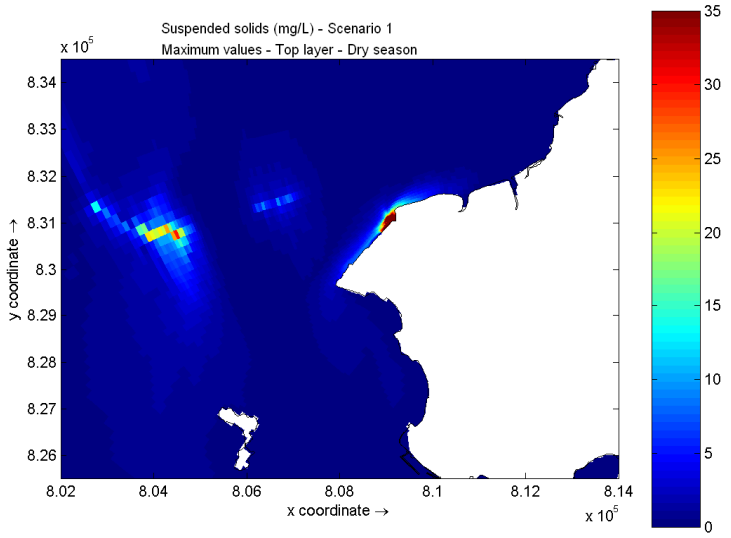


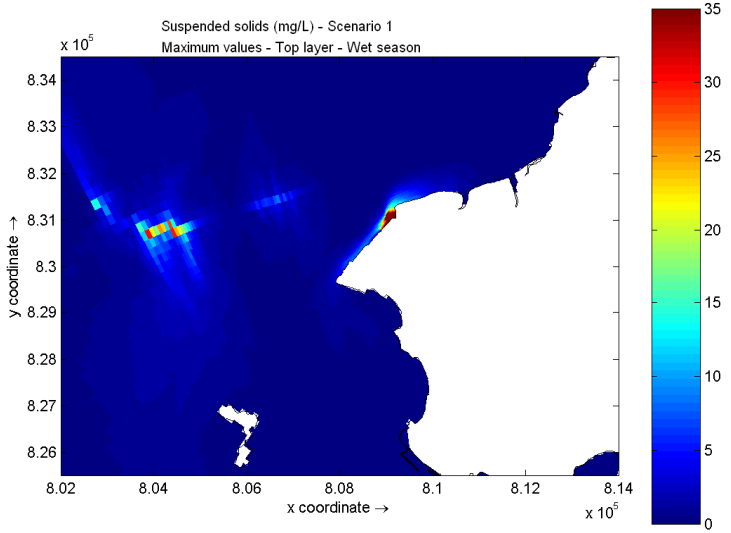


Scenario 1 – Depth-averaged
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

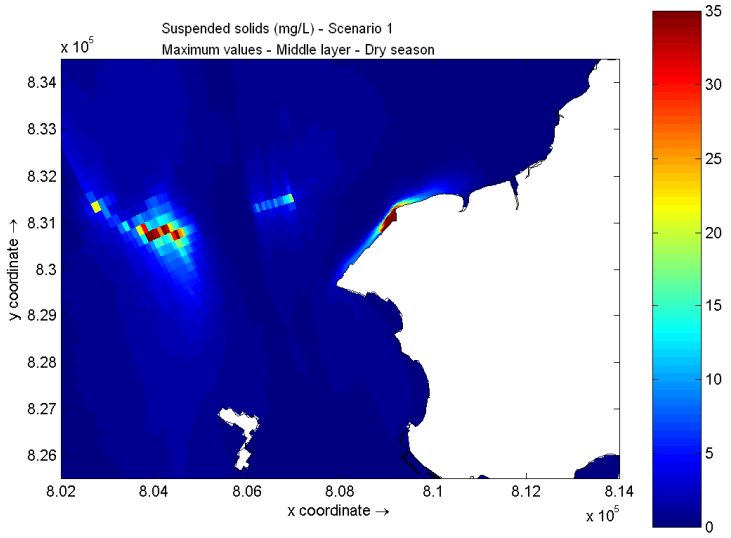


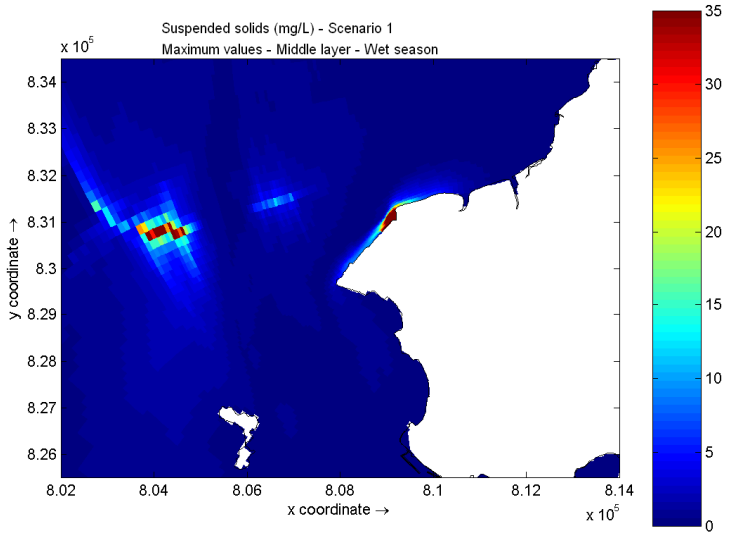


Scenario 1 – Top layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

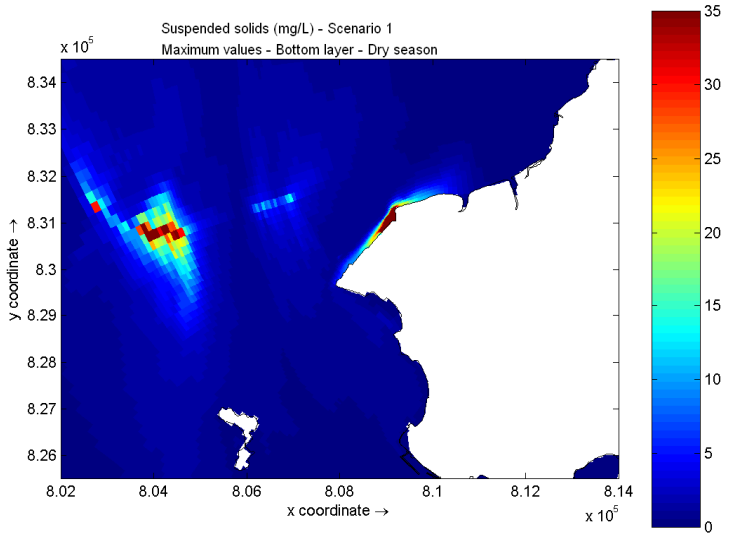


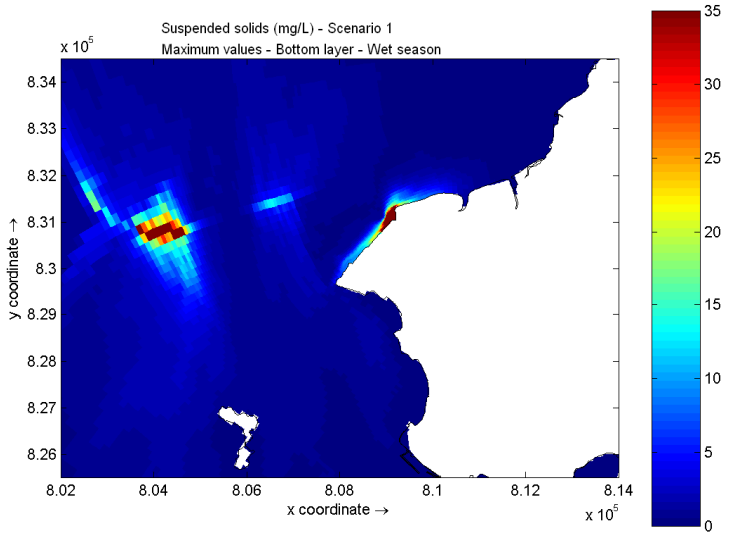


Scenario 1 – Middle layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

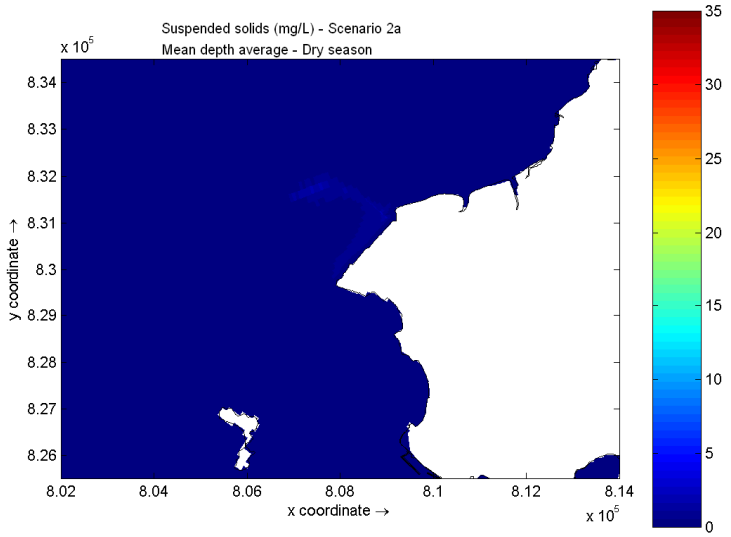


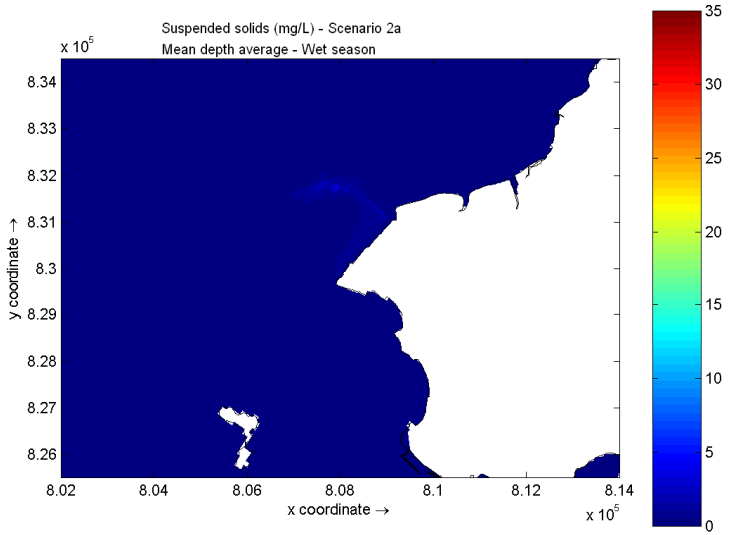


Scenario 1 – Bottom layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

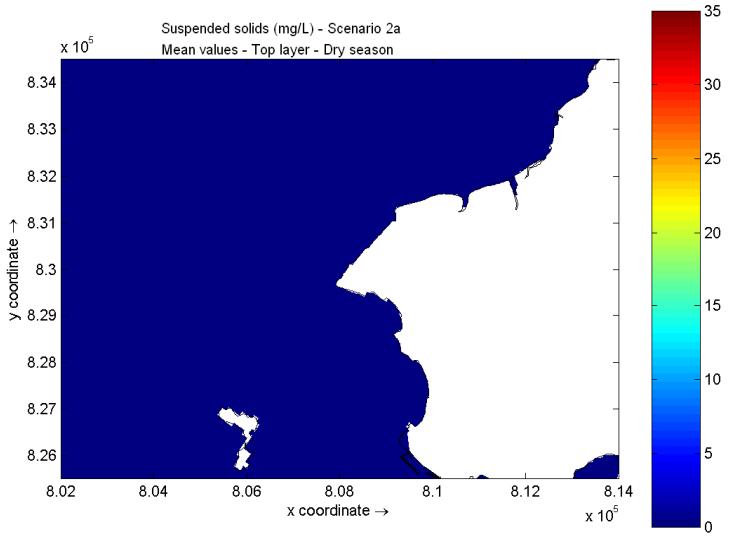


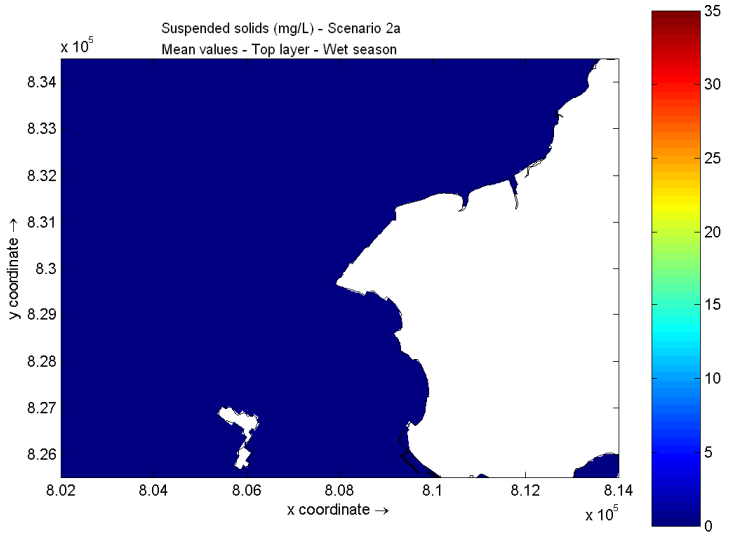


Scenario 2a – Depth averaged
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

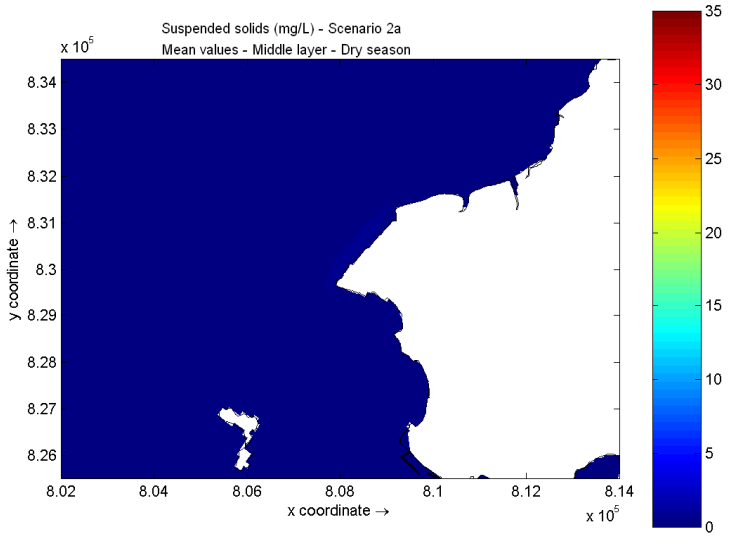


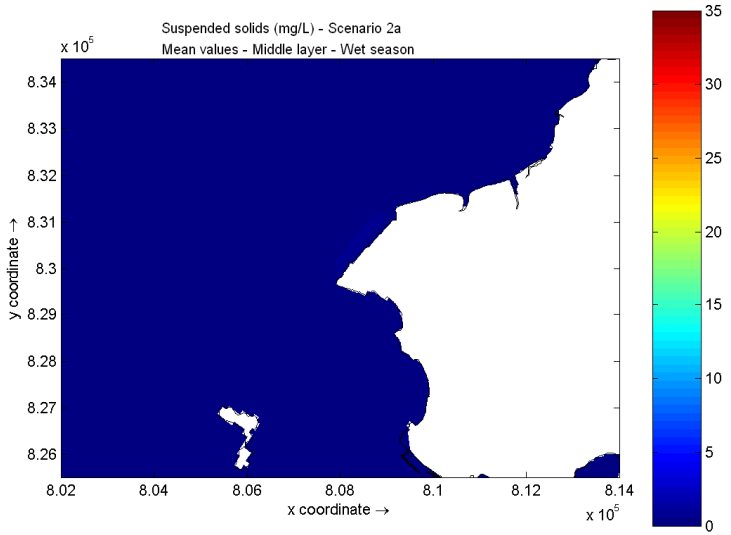


Scenario 2a – Top layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

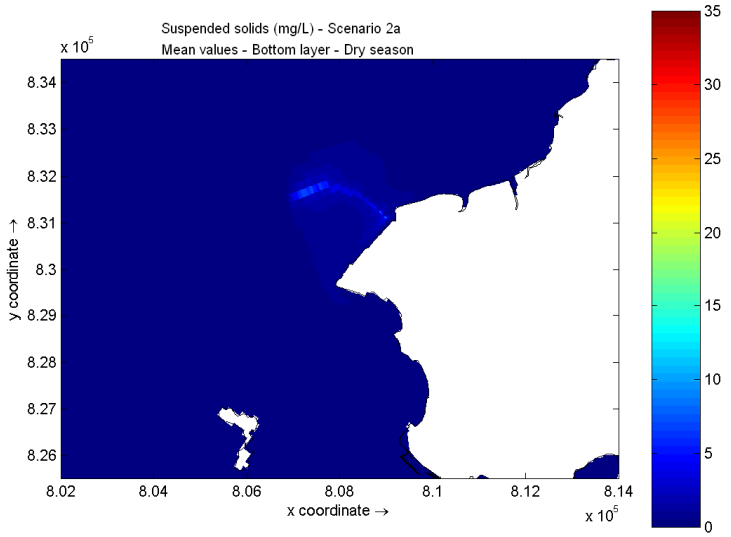


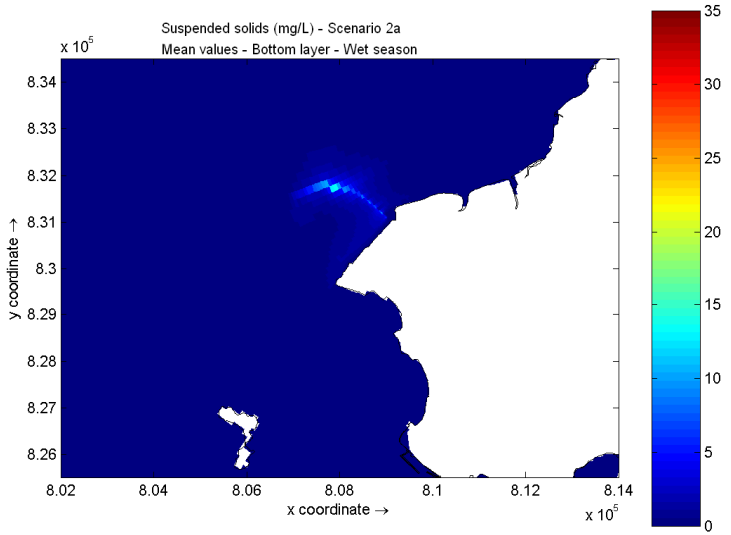


Scenario 2a – Middle layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

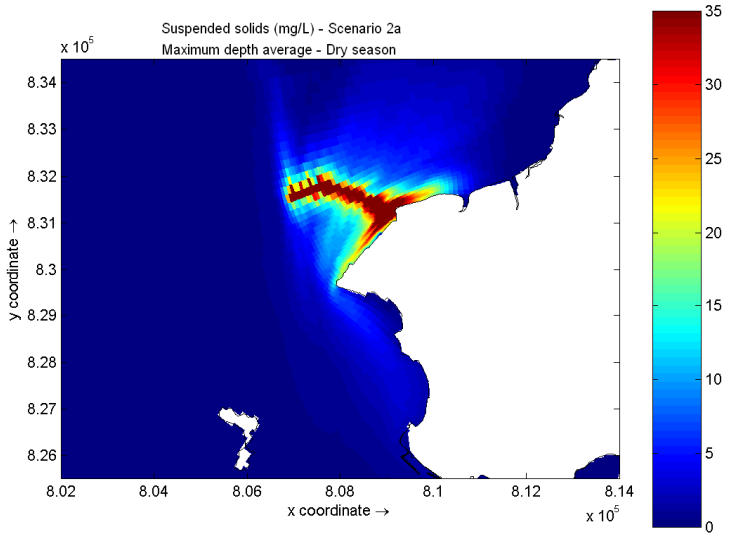


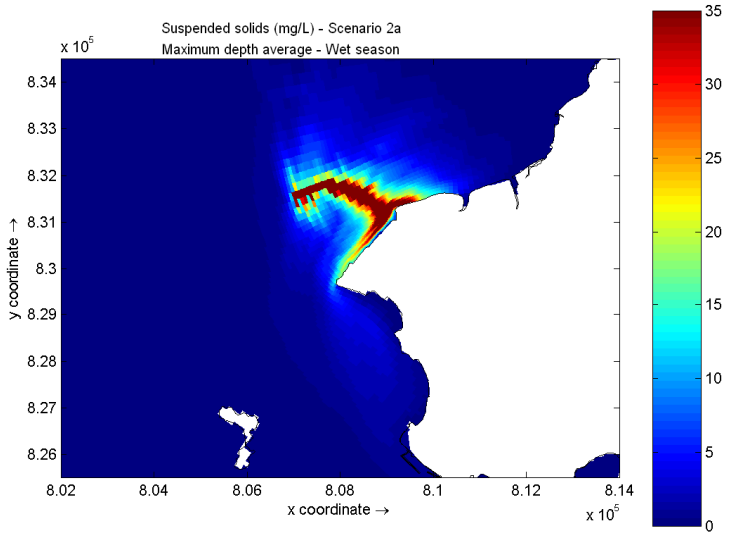


Scenario 2a – Bottom layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

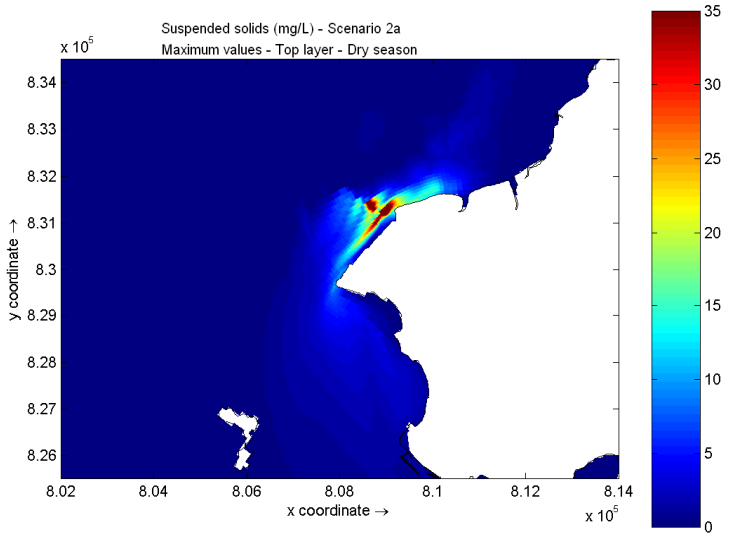


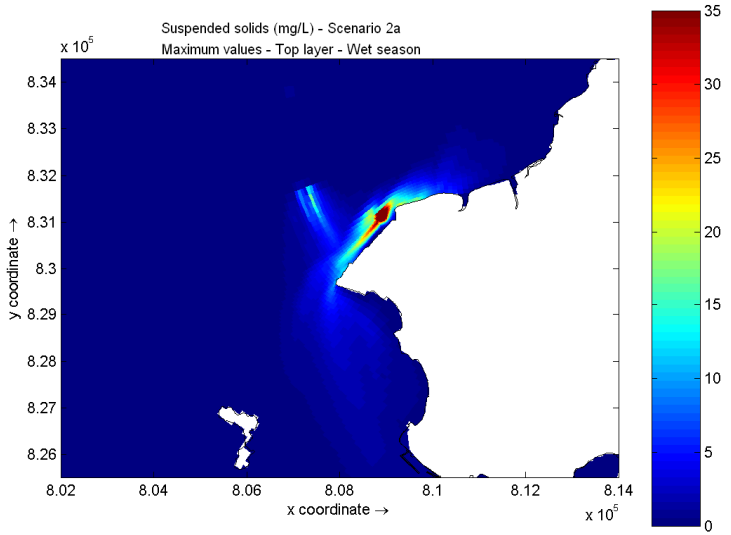


Scenario 2a – Depth averaged
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

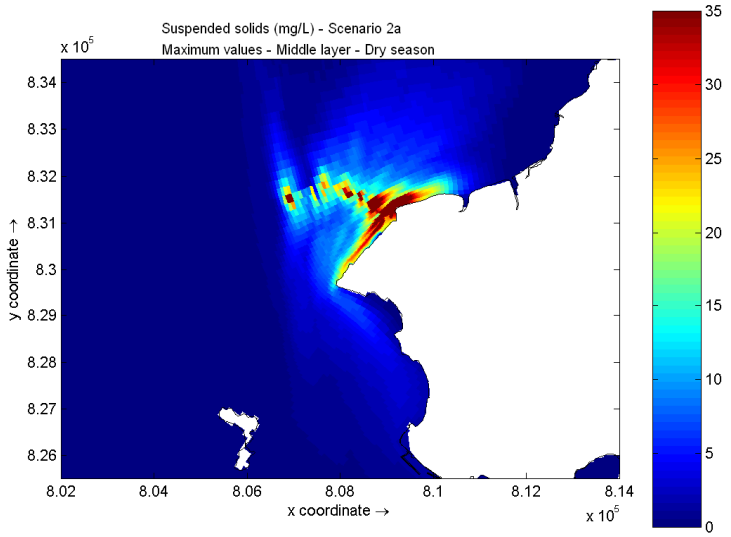


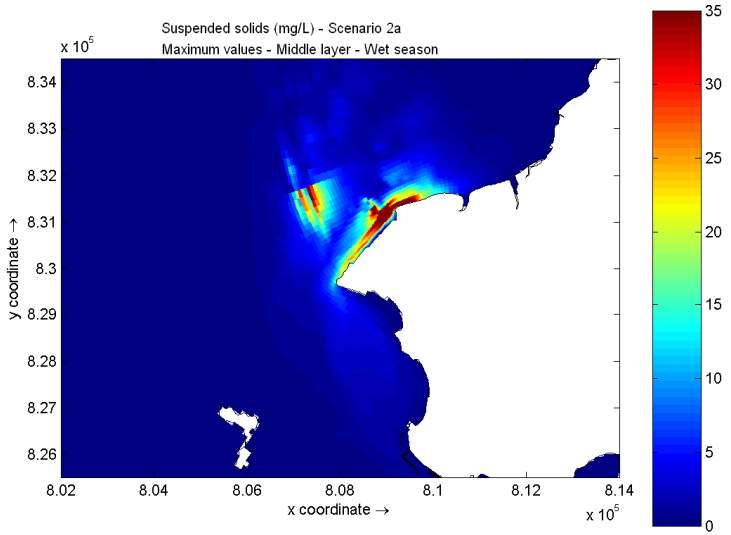


Scenario 2a – Top layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

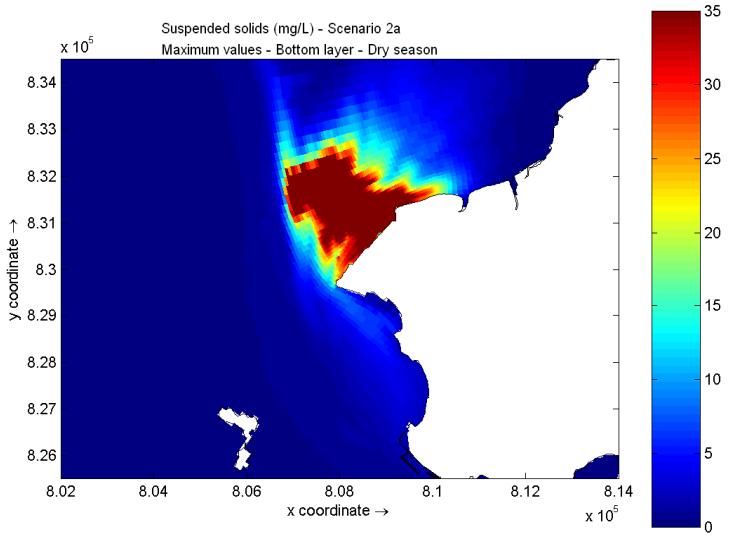


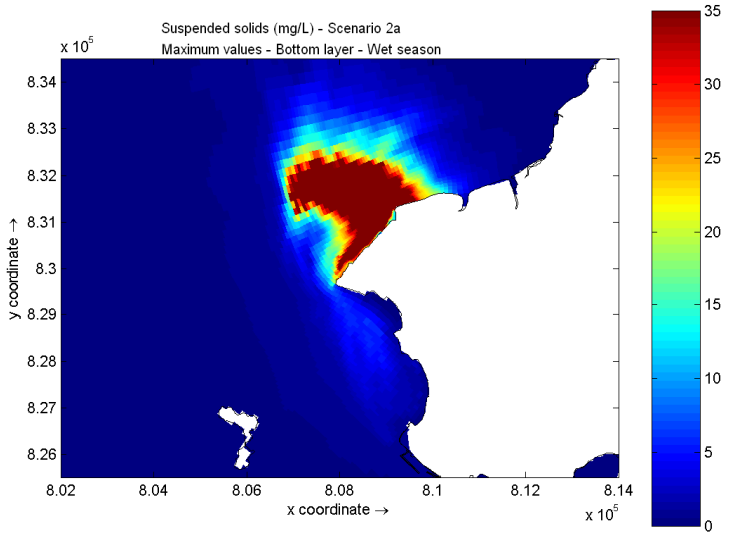


Scenario 2a – Middle layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

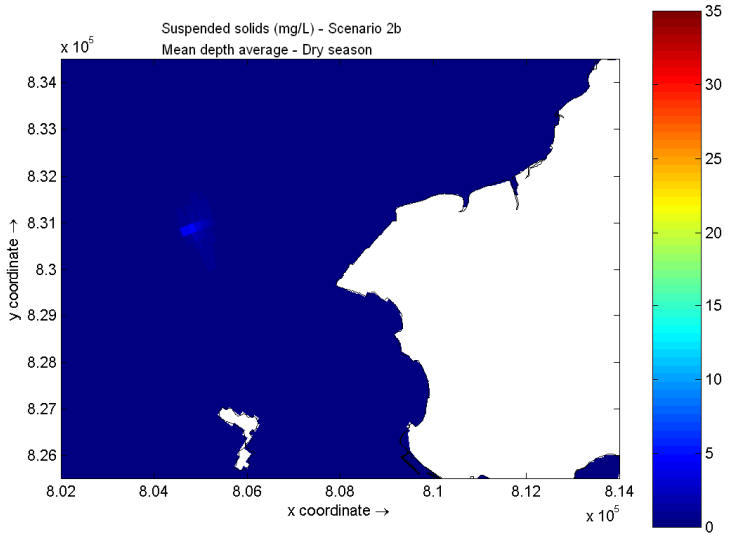


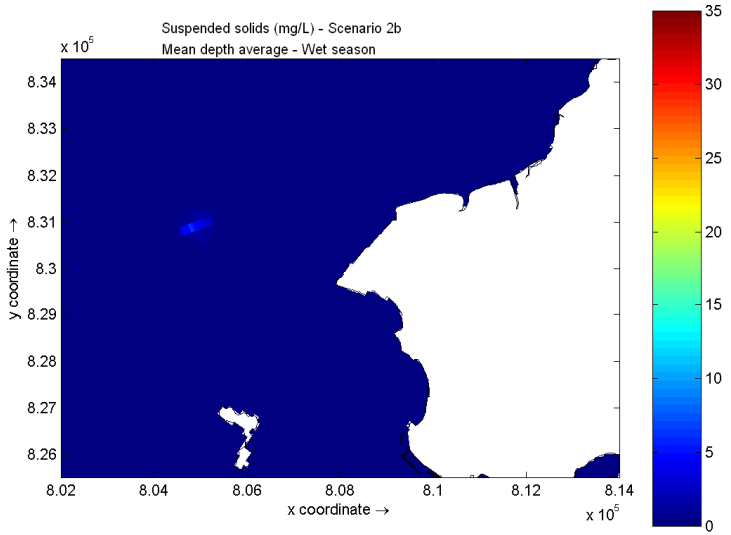


Scenario 2a – Bottom layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

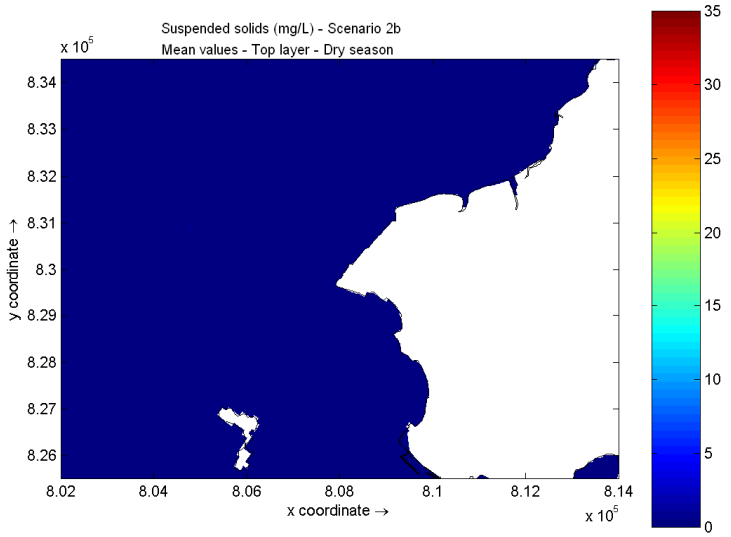


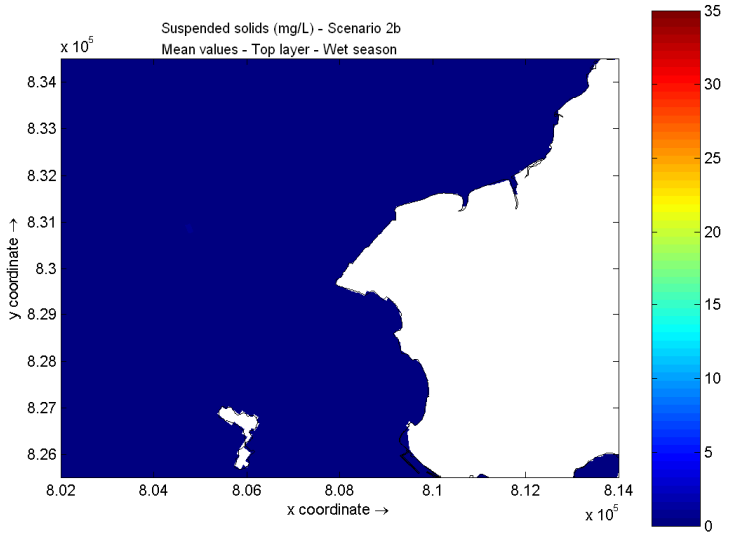


Scenario 2b – Depth averaged
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

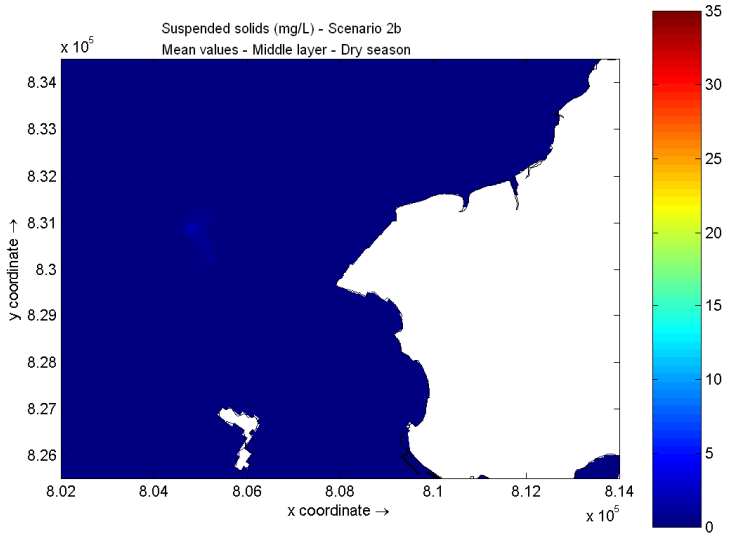


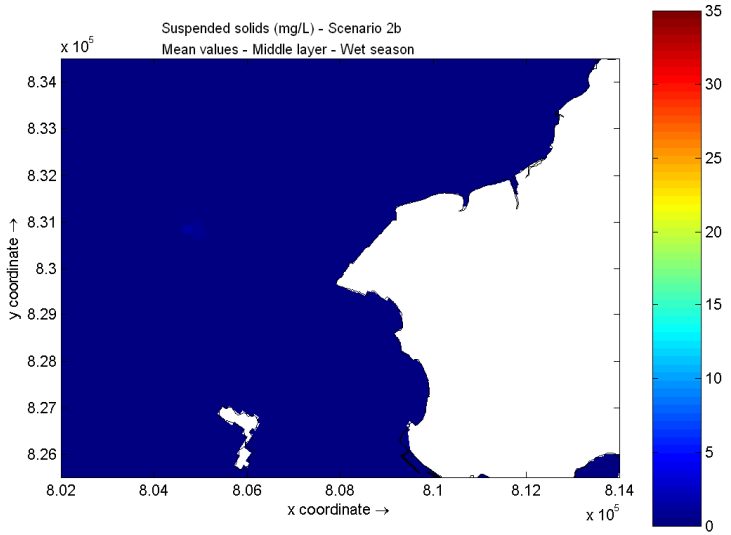


Scenario 2b – Top layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

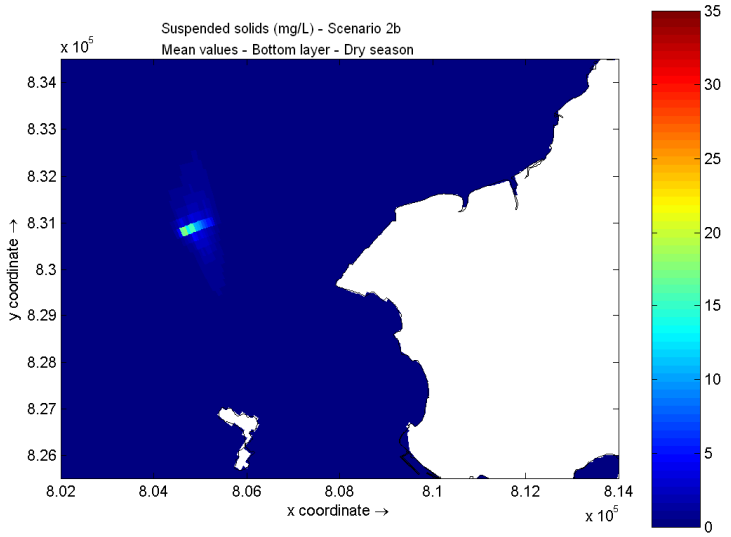


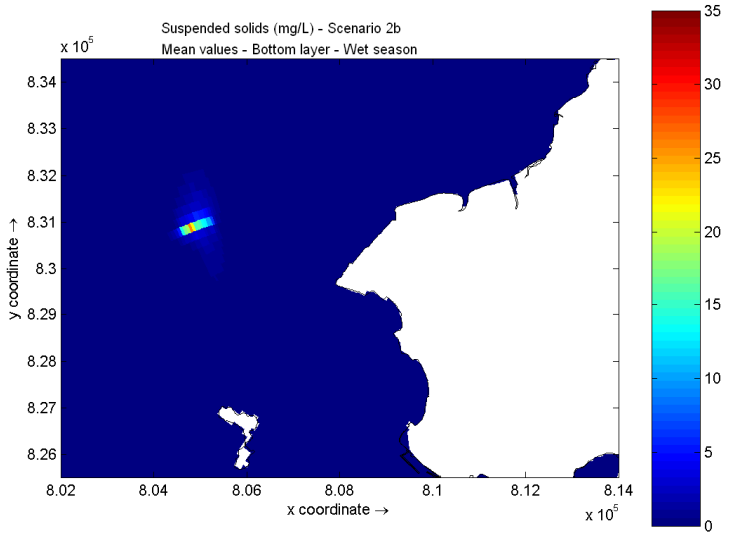


Scenario 2b – Middle layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

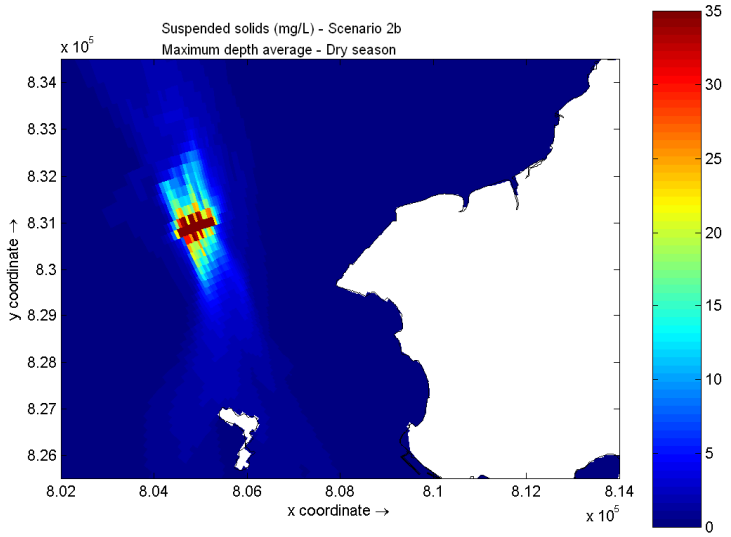


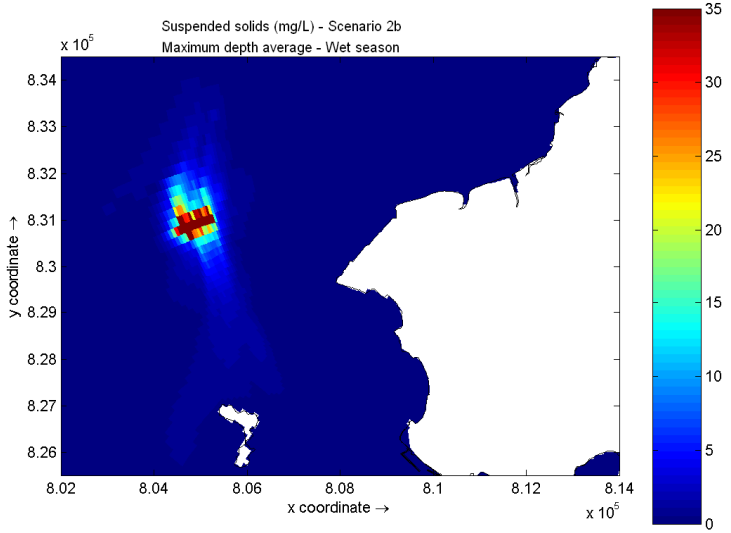


Scenario 2b – Bottom layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

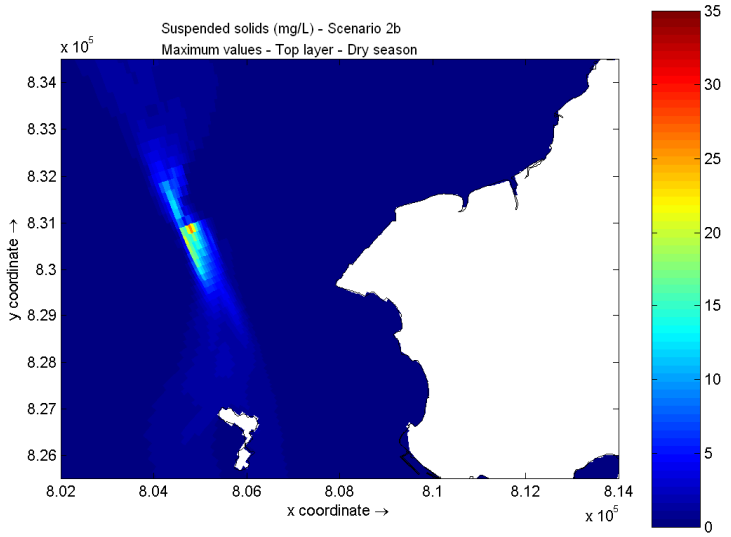


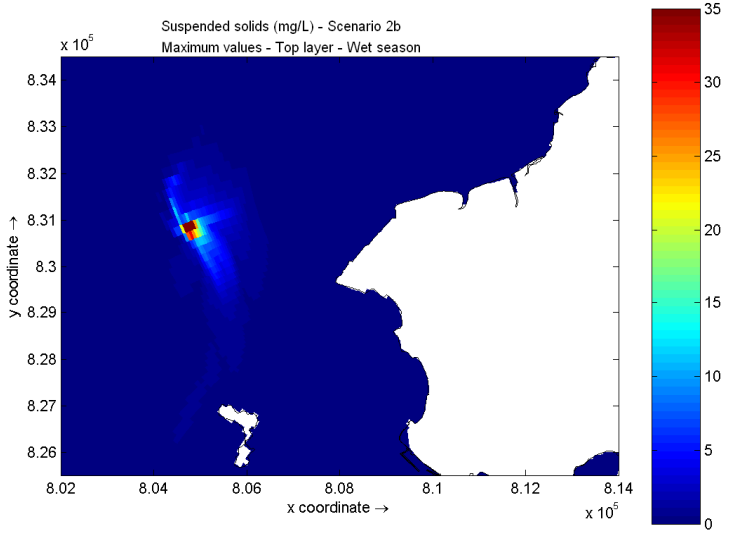


Scenario 2b – Depth averaged
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

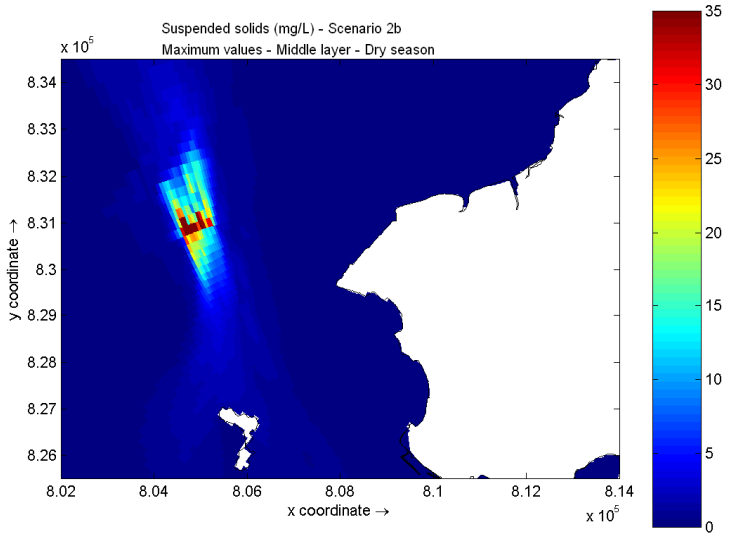


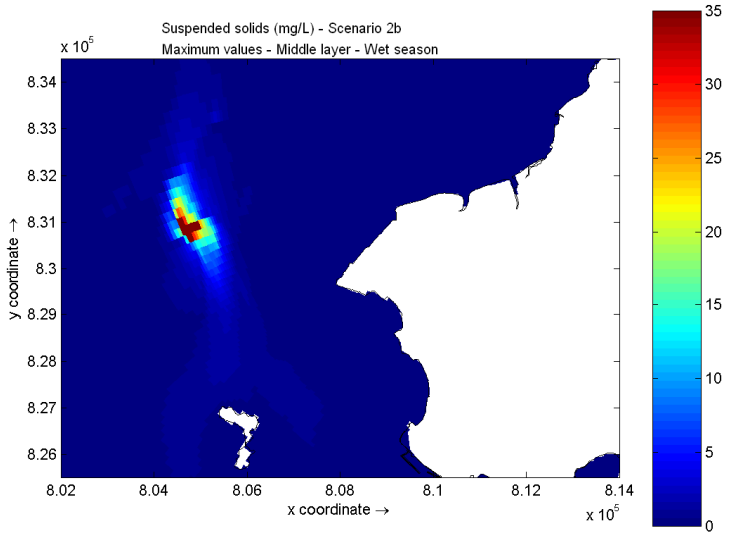


Scenario 2b – Top layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

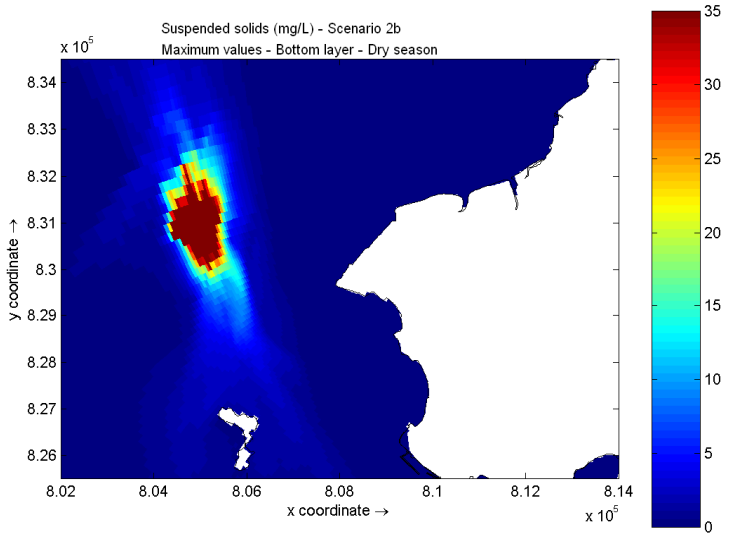


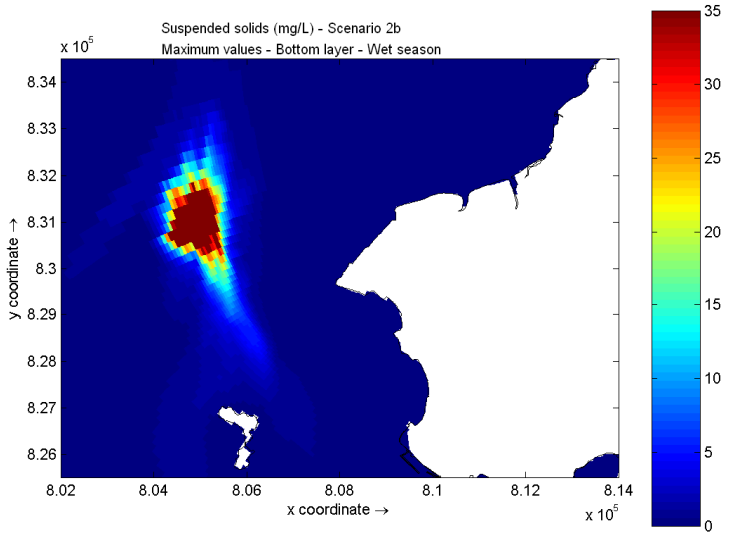


Scenario 2b – Middle layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

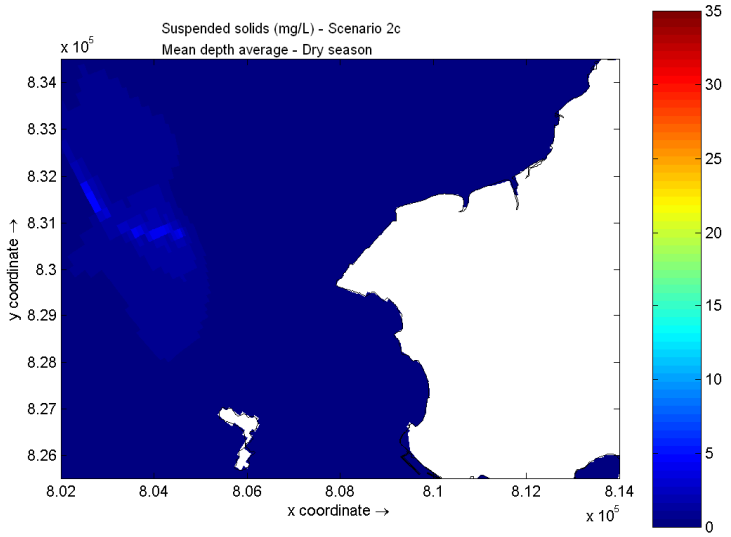


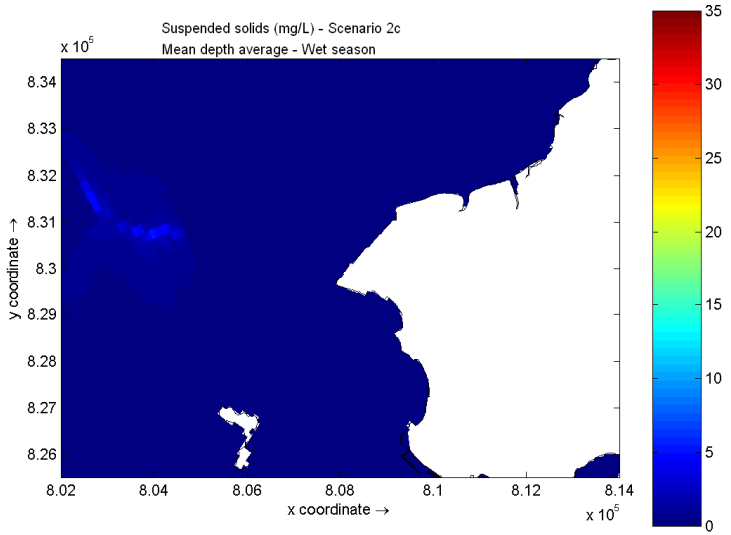


Scenario 2b –Bottom layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

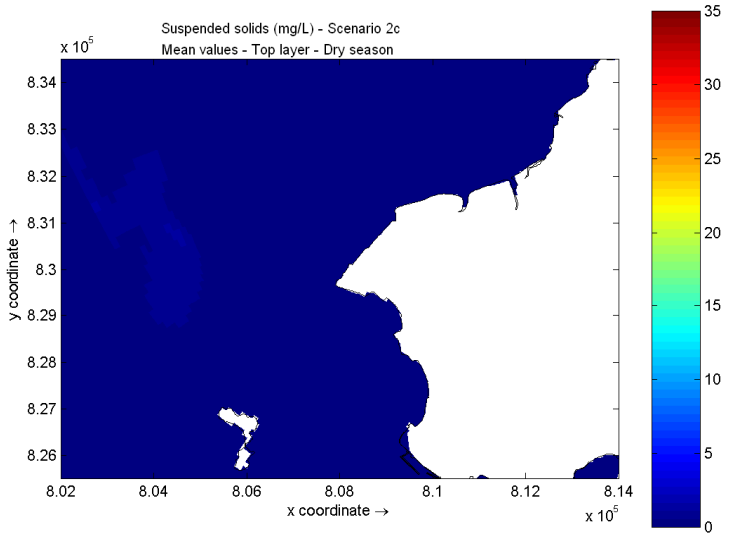


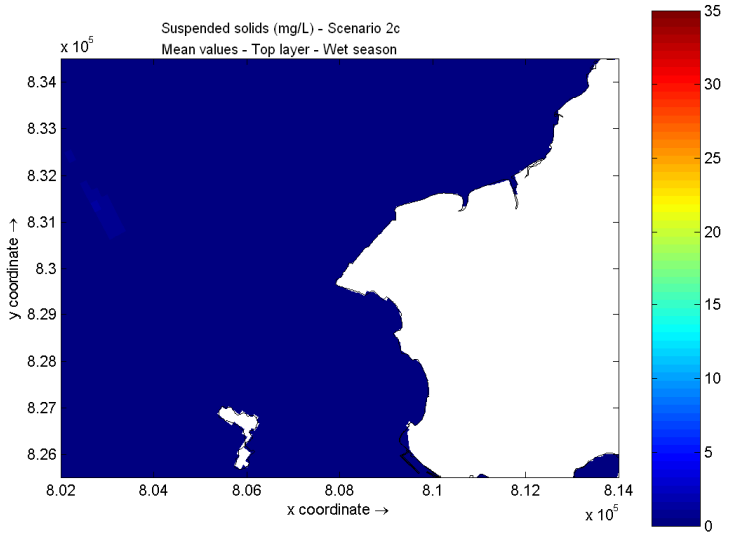


Scenario 2c – Depth averaged
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

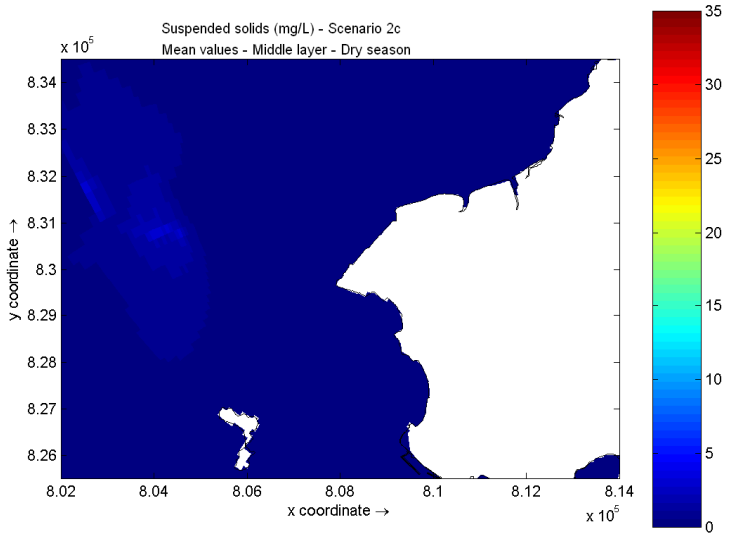


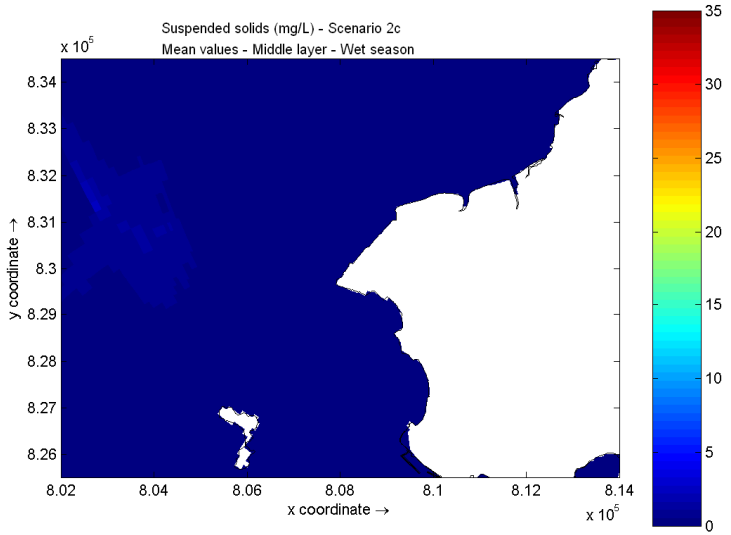


Scenario 2c – Top layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

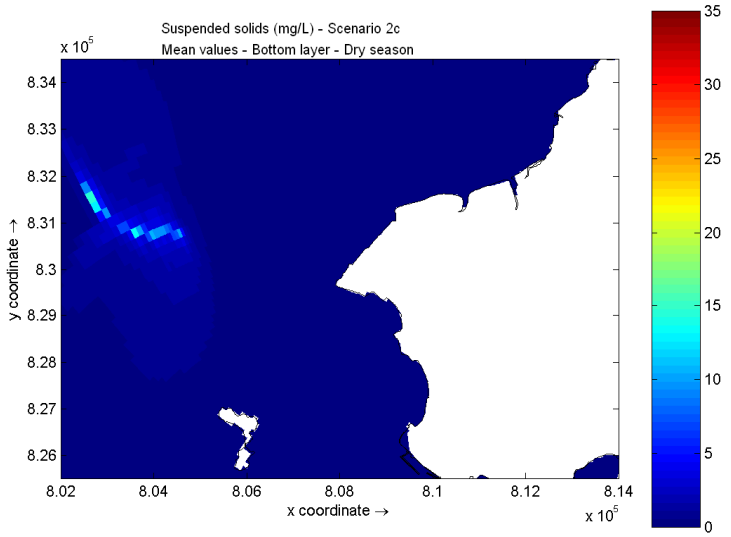


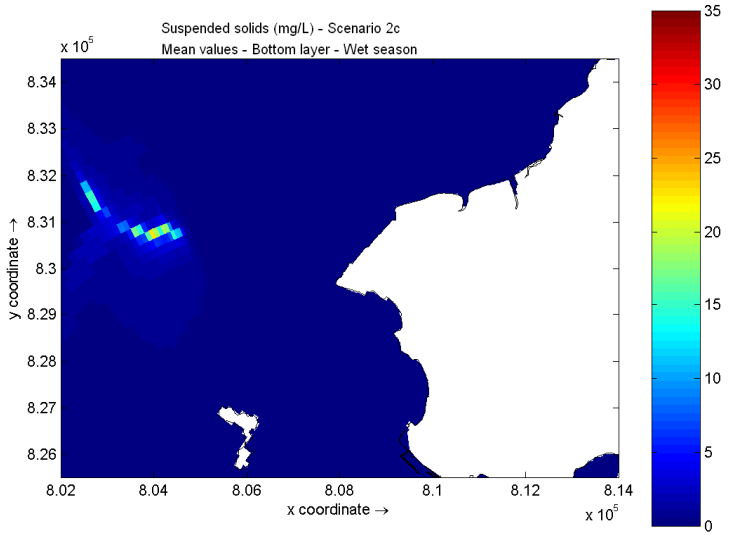


Scenario 2c – Middle layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

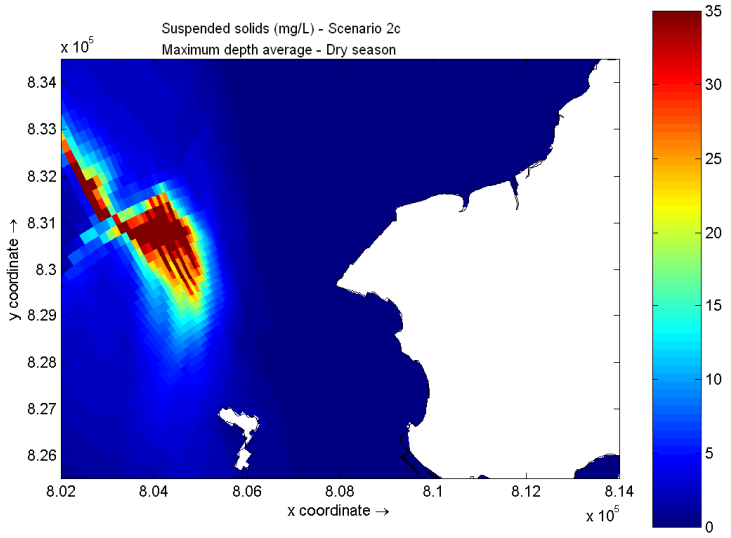


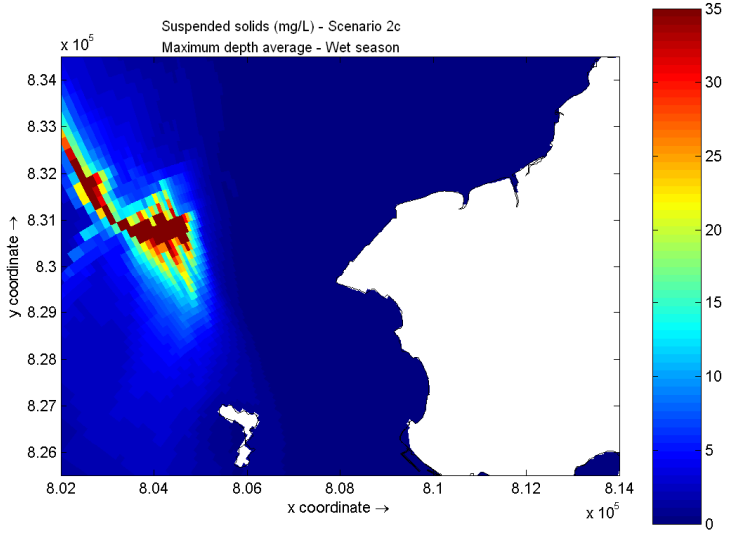


Scenario 2c – Bottom layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

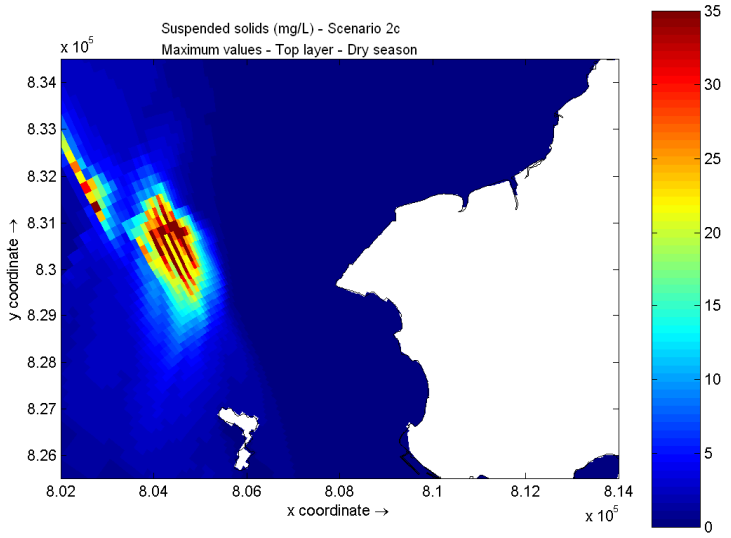


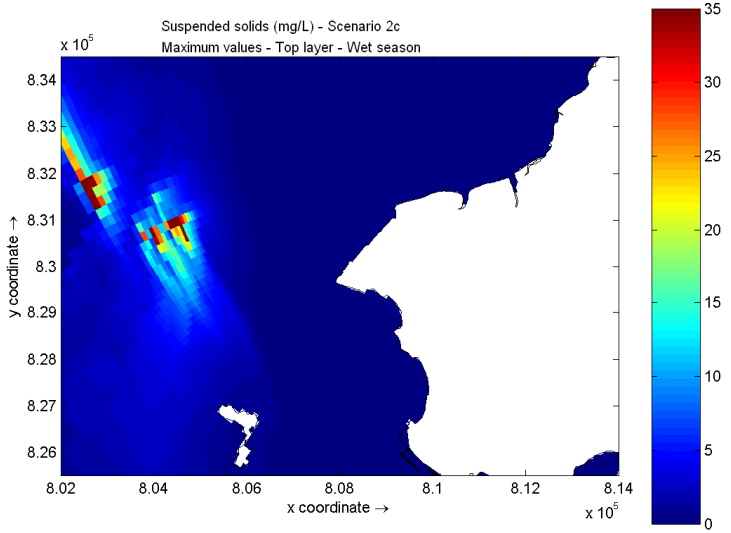


Scenario 2c – Depth averaged
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM





Scenario 2c – Top layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

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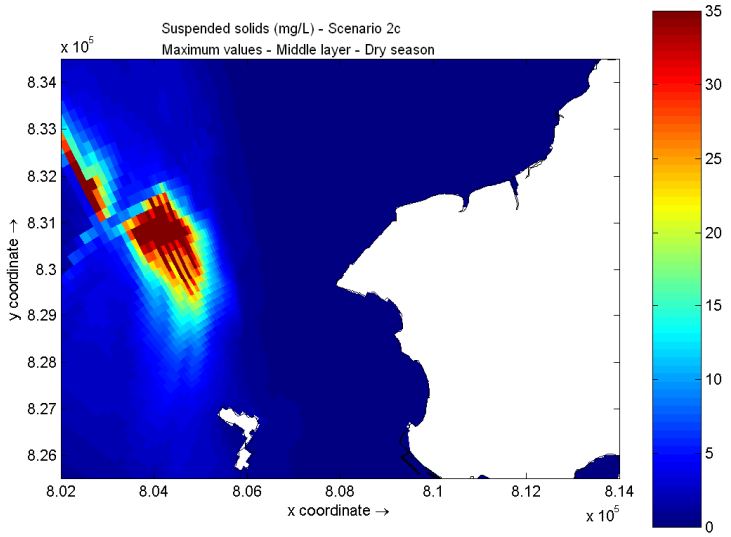
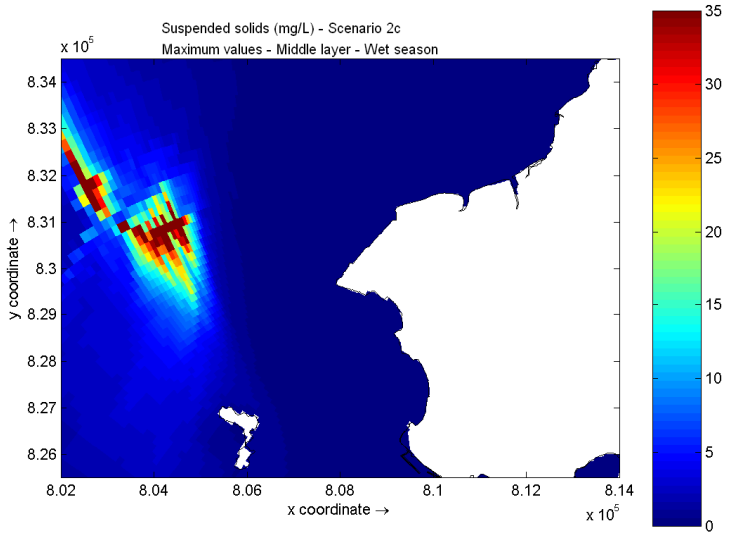
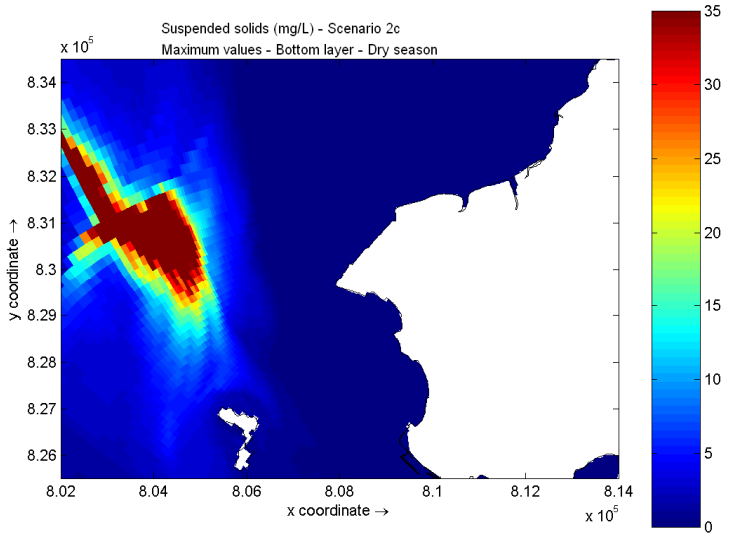


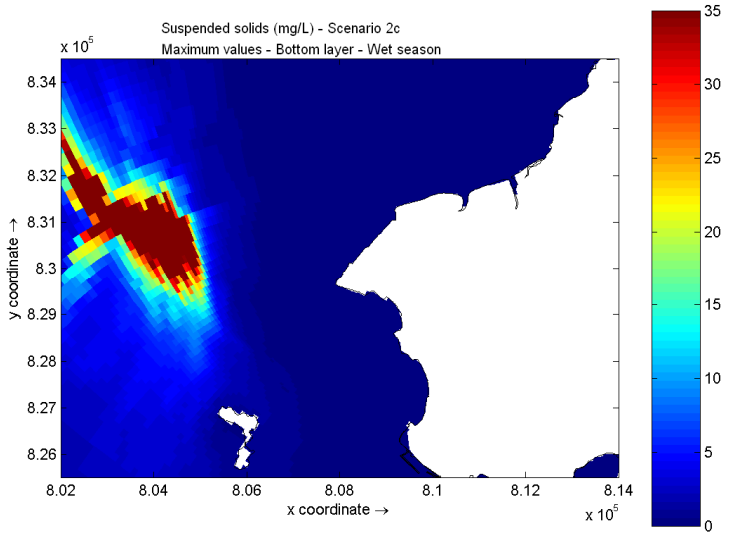


Scenario 2c – Middle layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

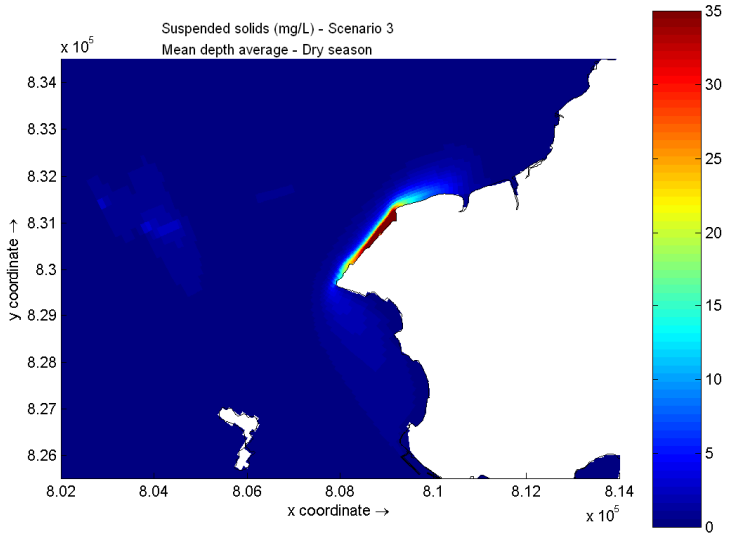


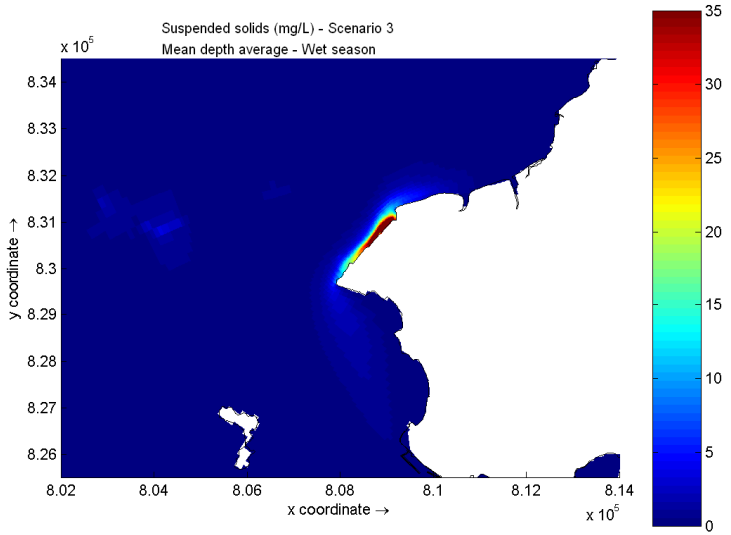


Scenario 2c –Bottom layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

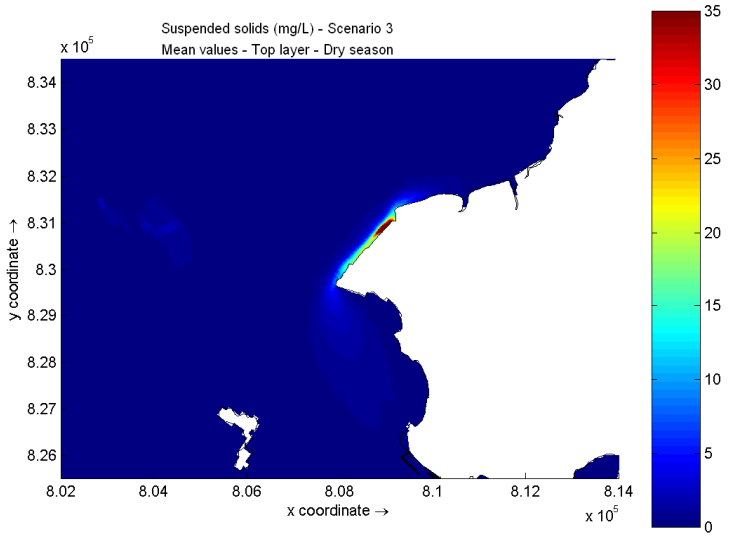


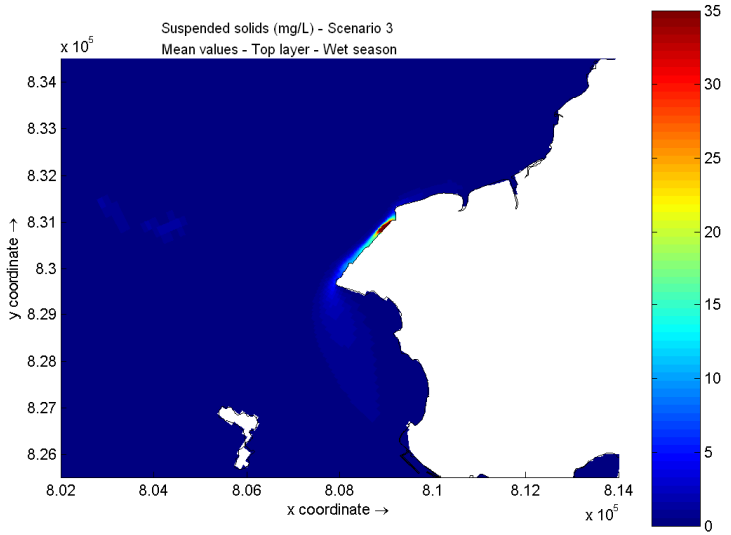


Scenario 3 – Depth-averaged
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

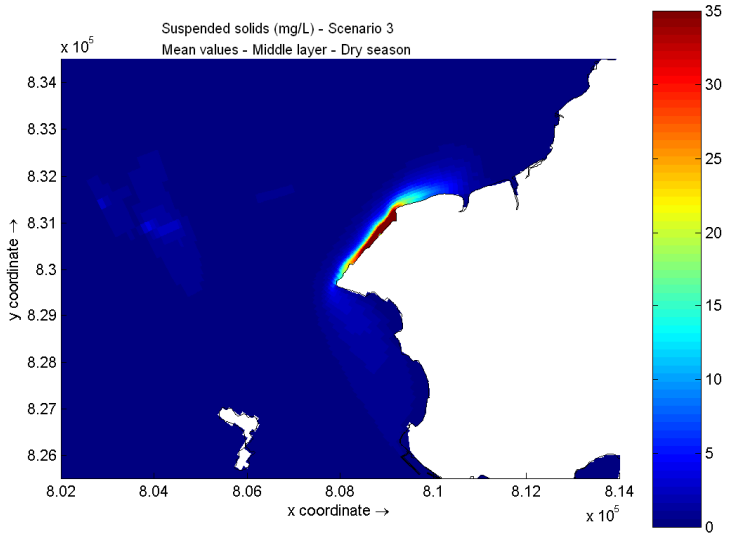


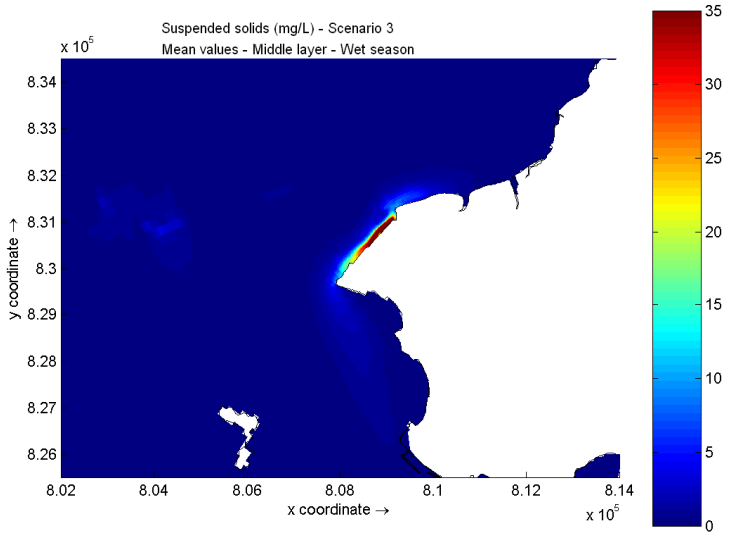


Scenario 3 – Top layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

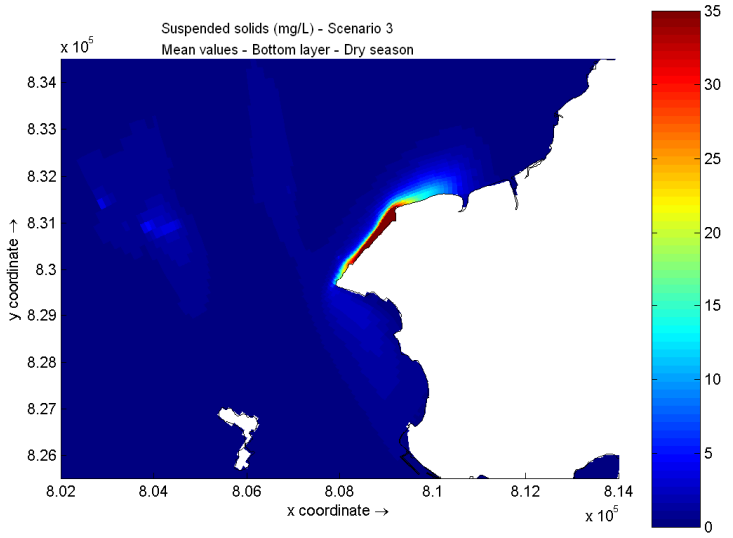


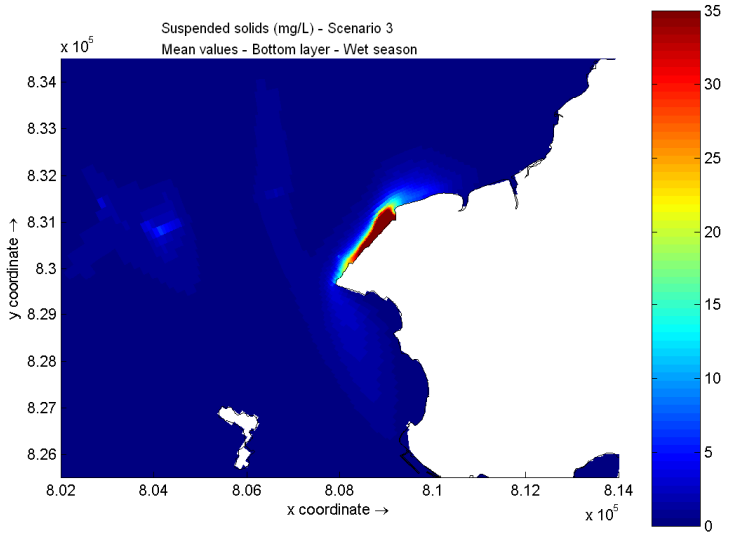


Scenario 3 – Middle layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

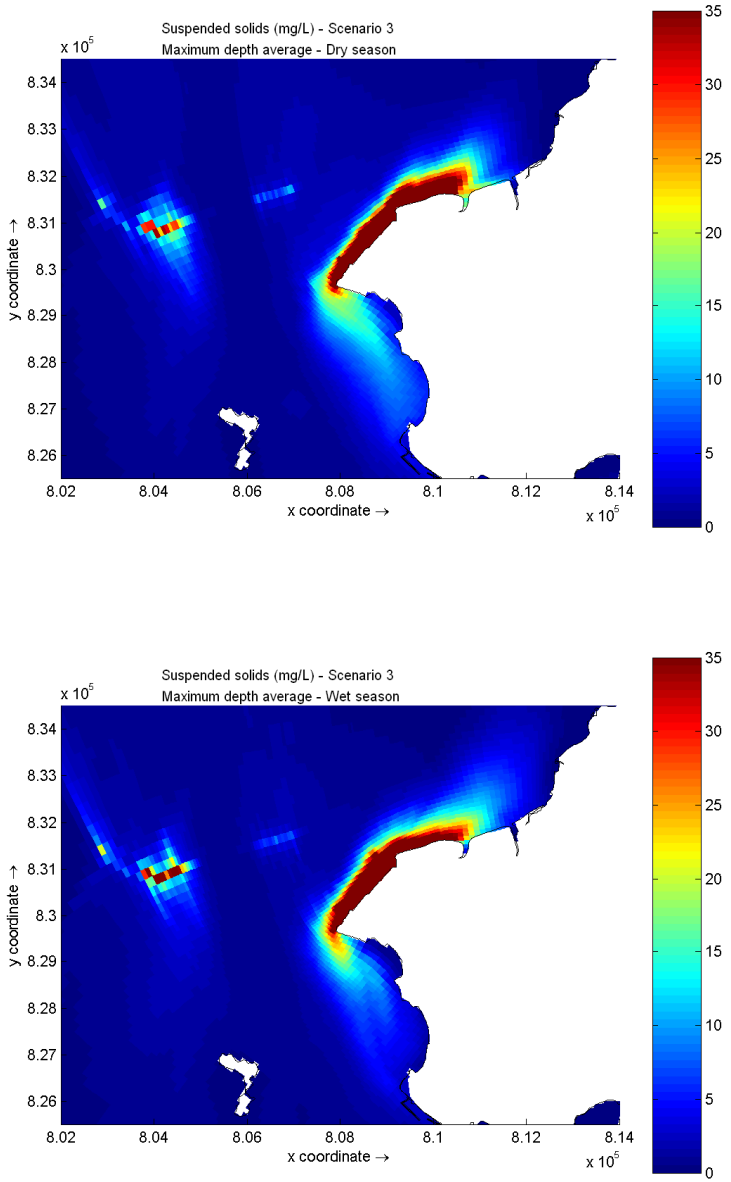




Scenario 3 – Bottom layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

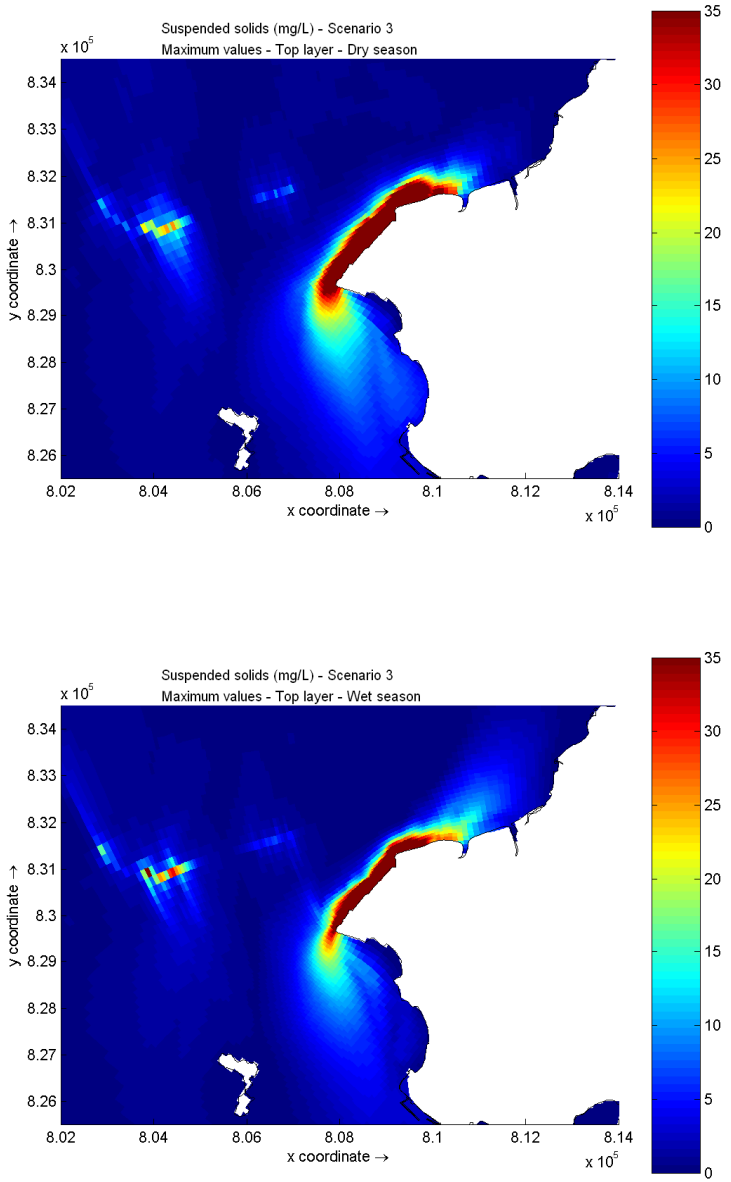
ERM



Scenario 3 – Depth-averaged
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

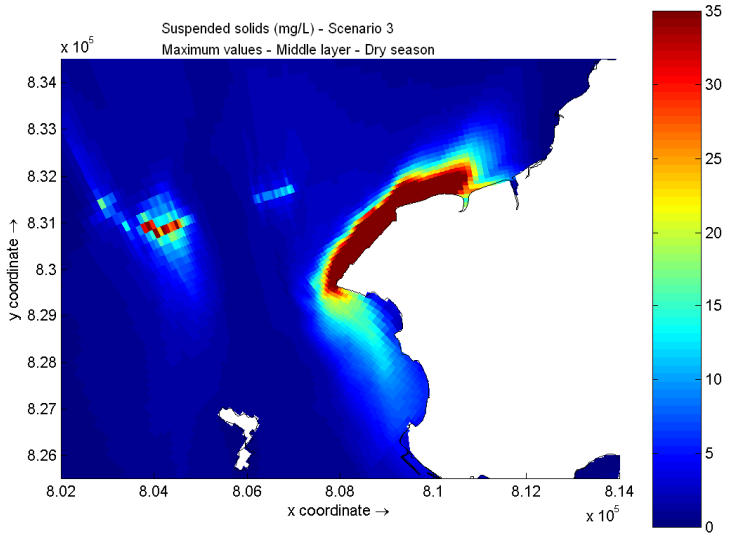
ERM

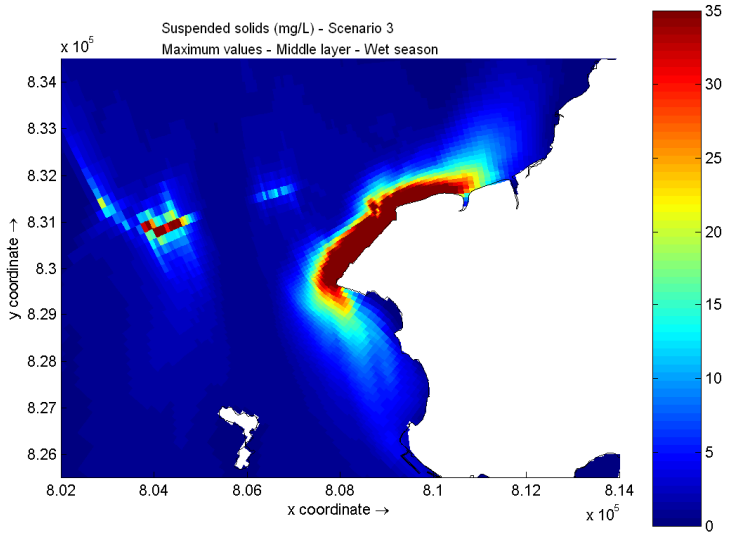


Scenario 3 – Top layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

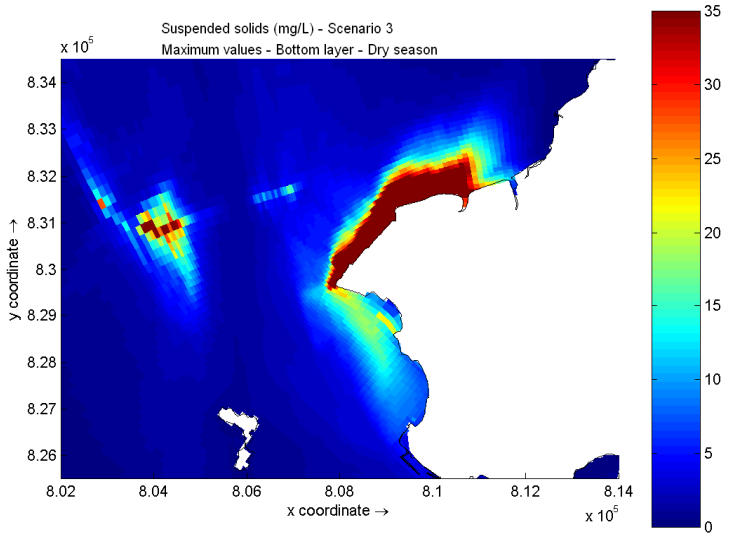


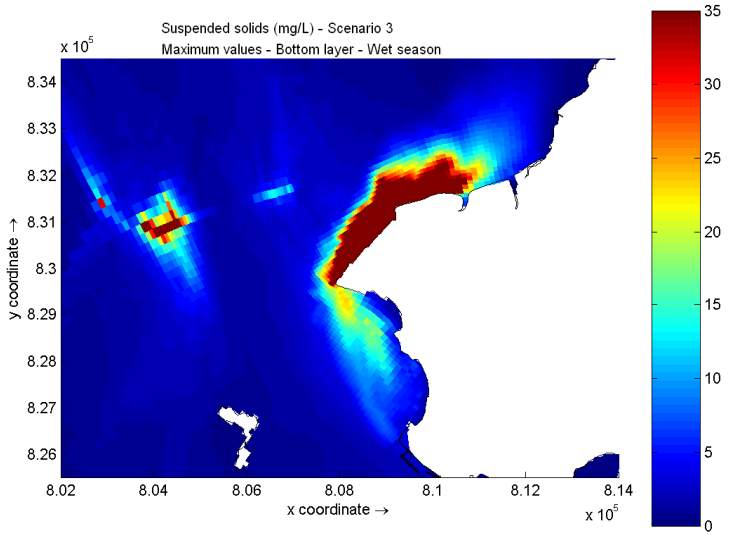


Scenario 3 – Middle layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

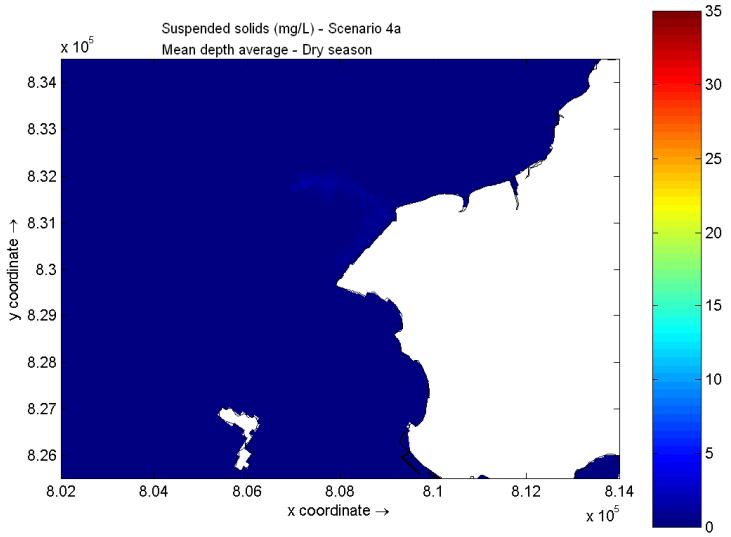


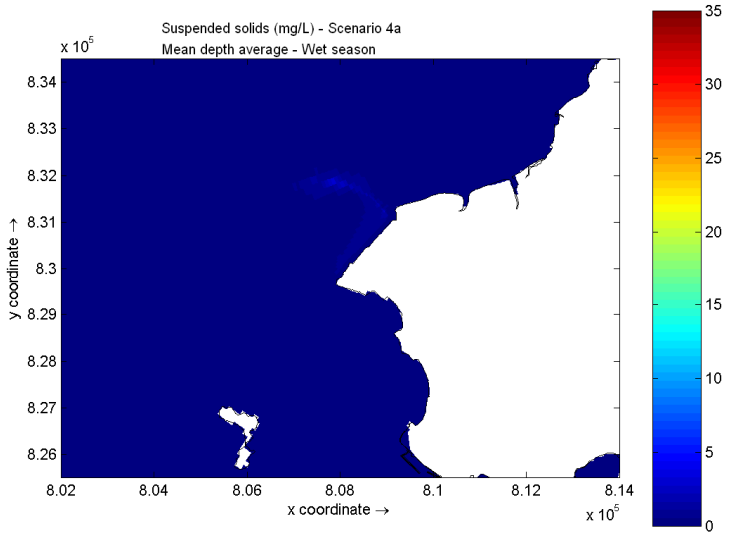


Scenario 3 – Bottom layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

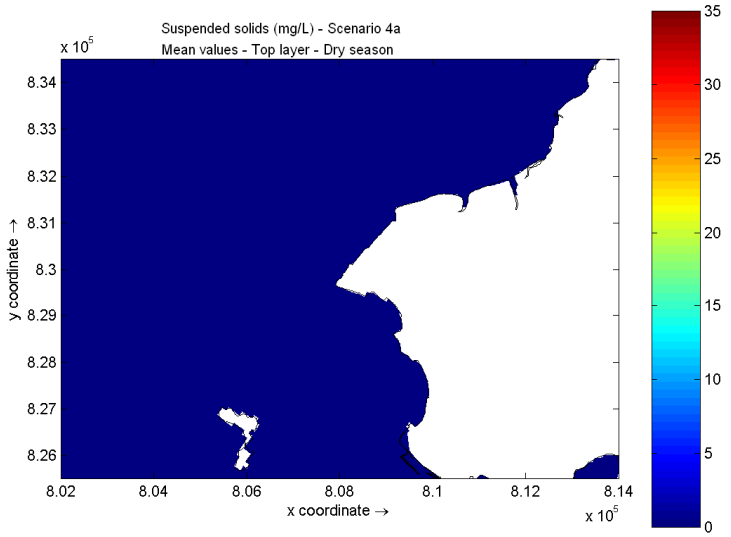


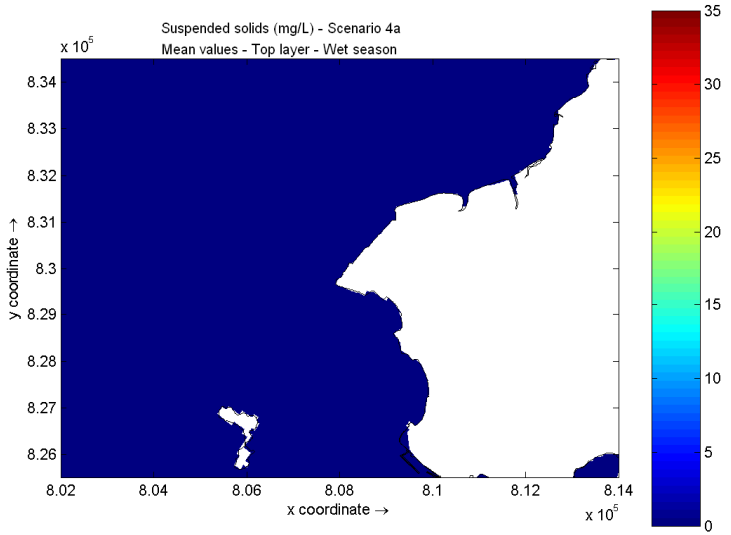


Scenario 4a – Depth-averaged
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

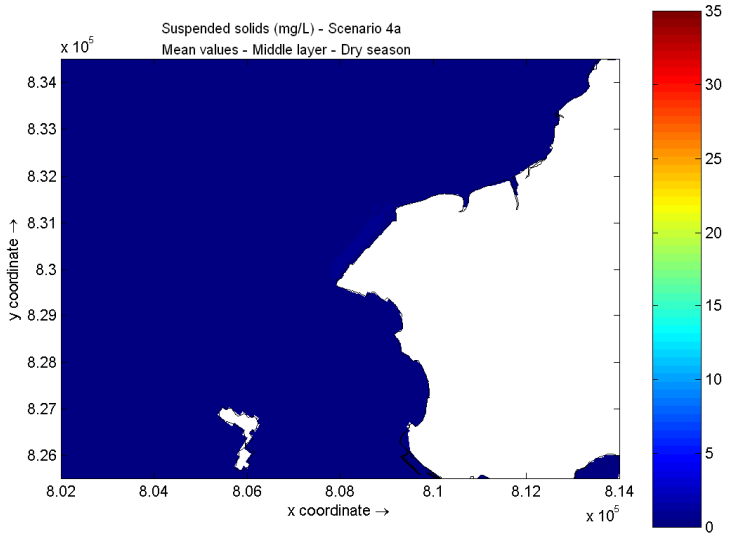


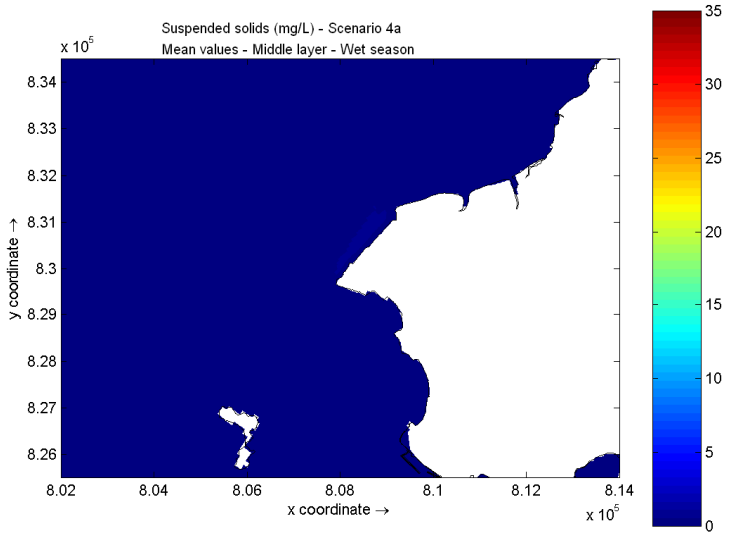


Scenario 4a – Top layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

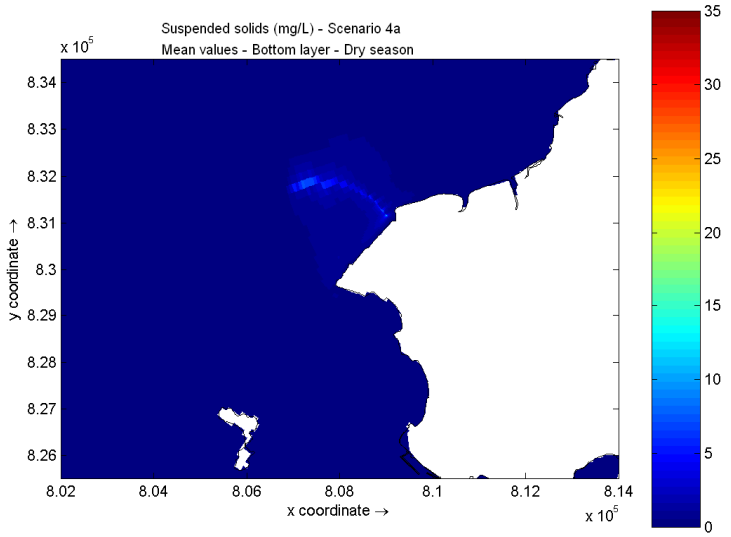


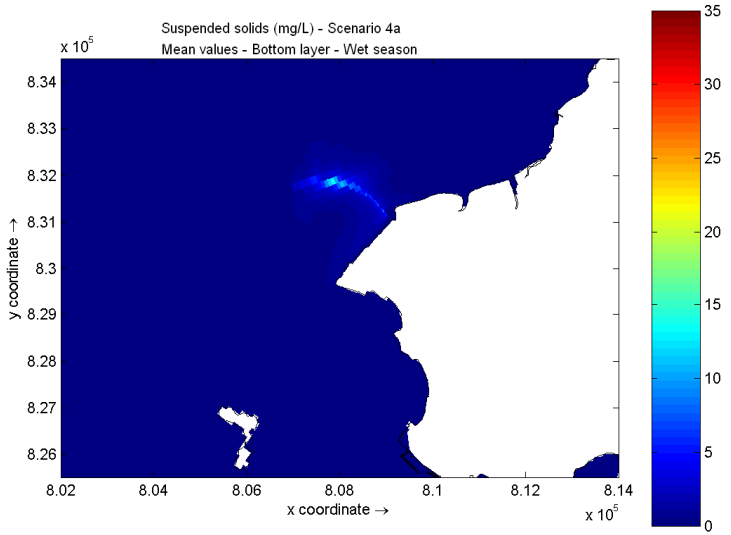


Scenario 4a– Middle layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

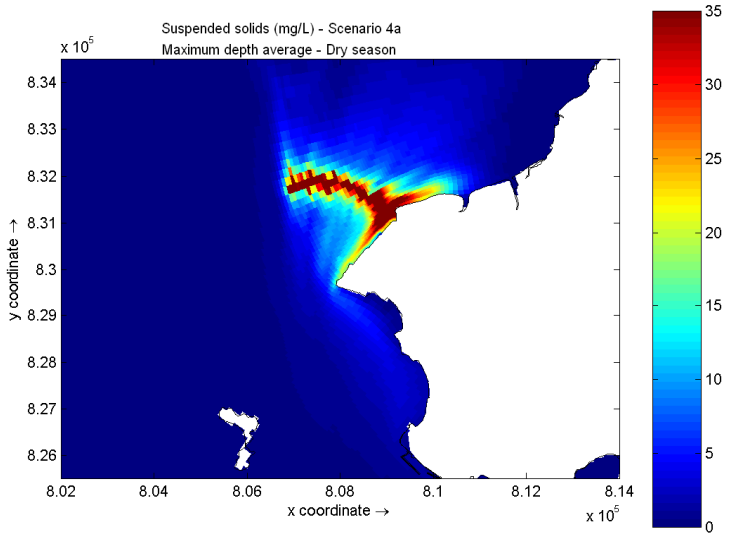


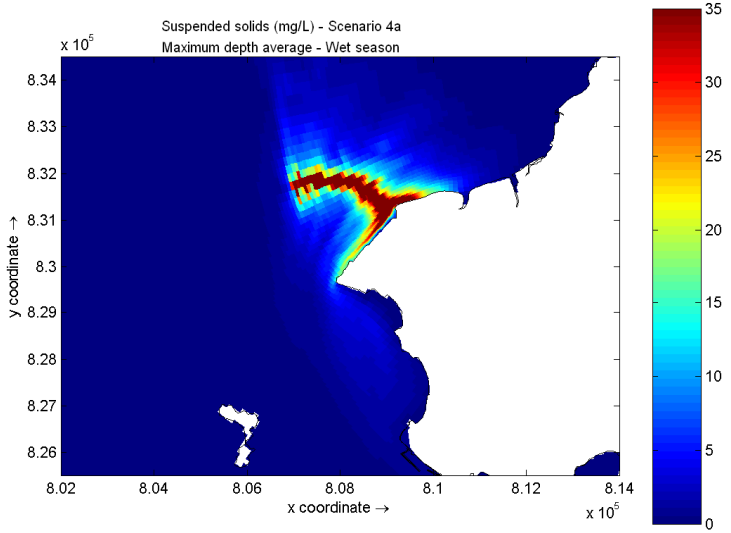


Scenario 4a – Bottom layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

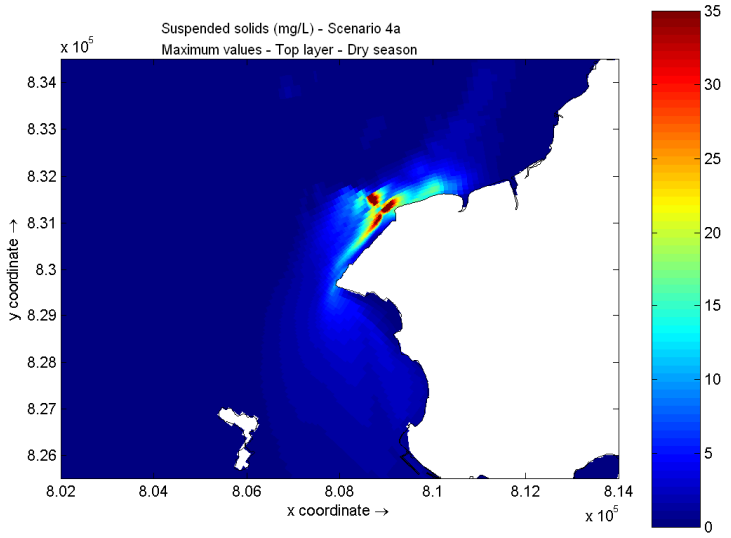


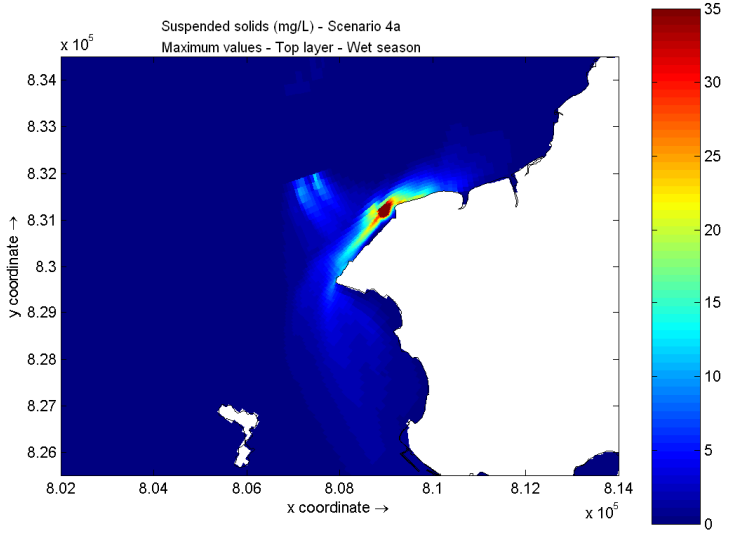


Scenario 4a – Depth-averaged
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

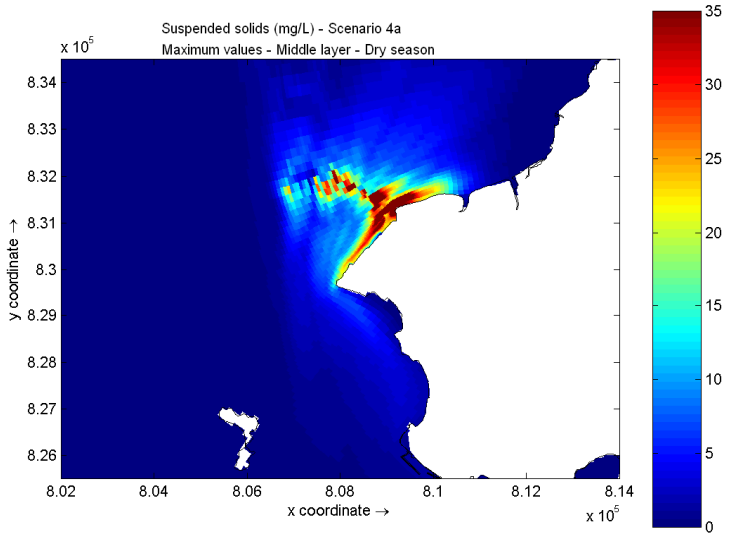


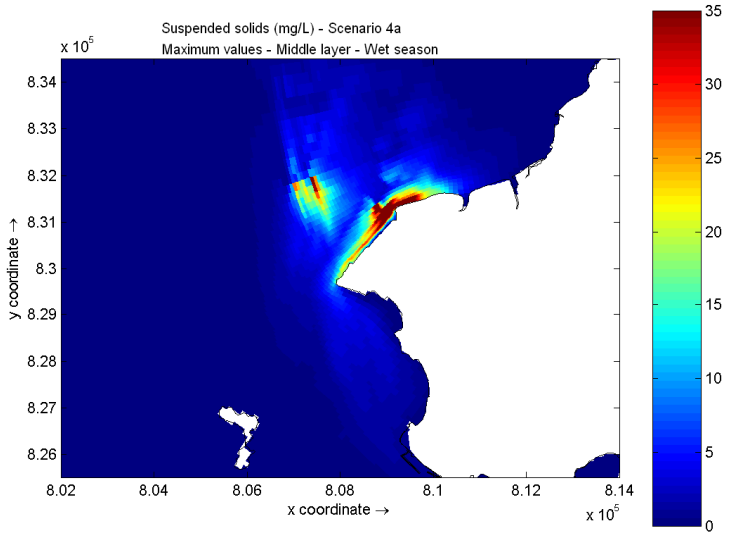


Scenario 4a – Top layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

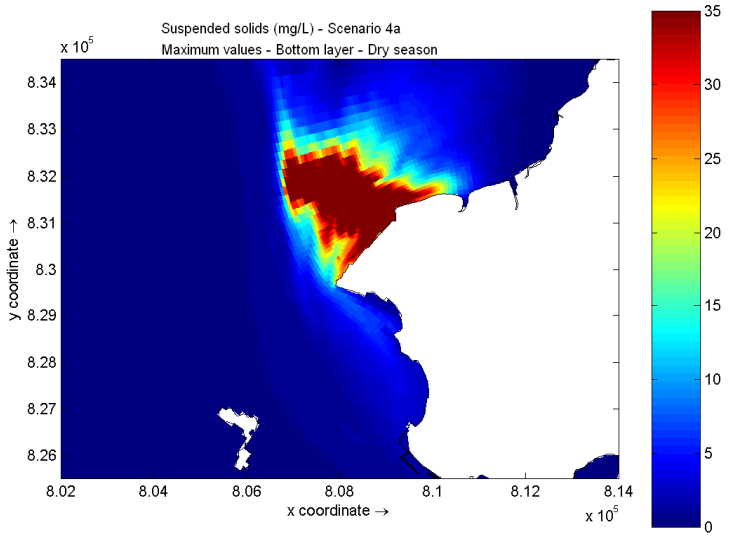


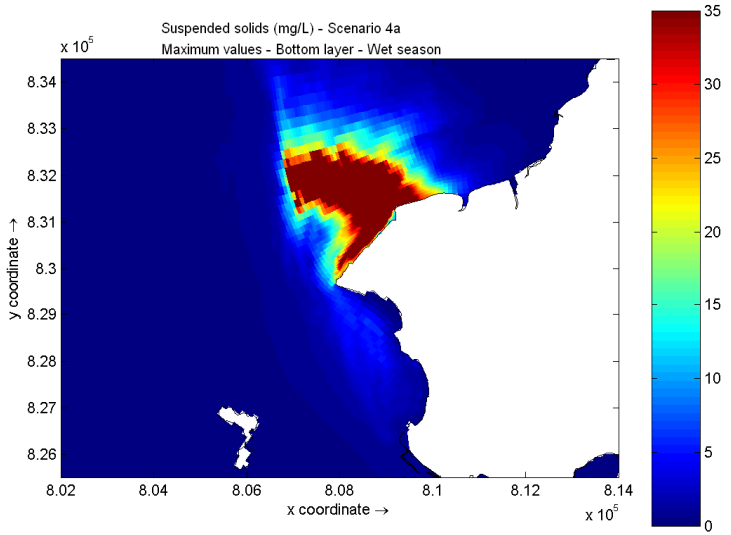


Scenario 4a – Middle layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

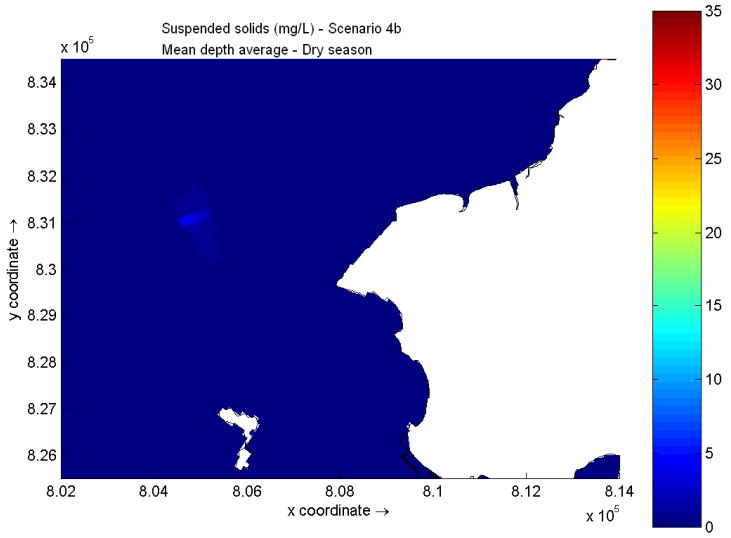


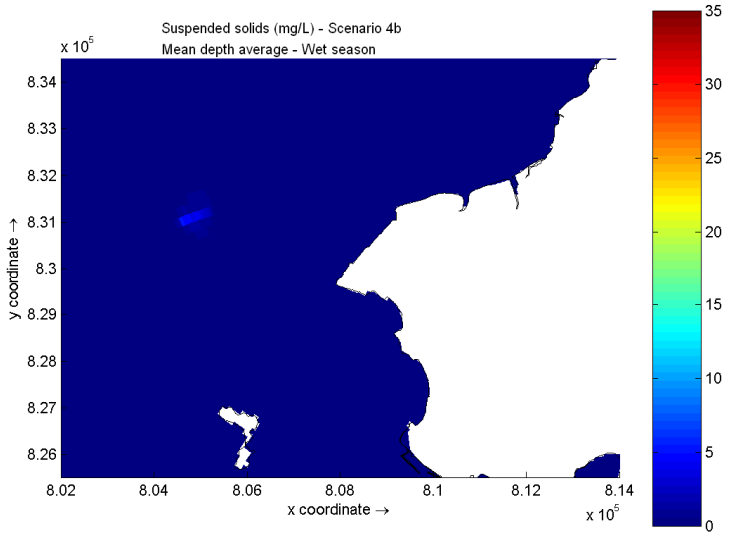


Scenario 4a – Bottom layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

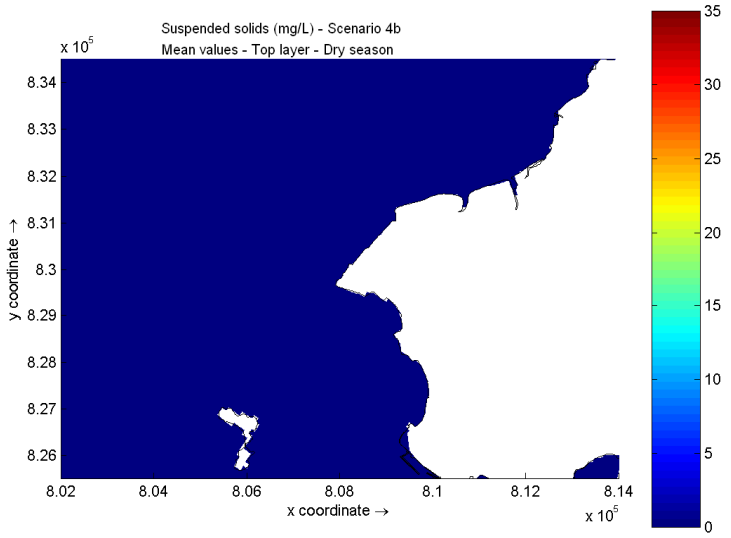


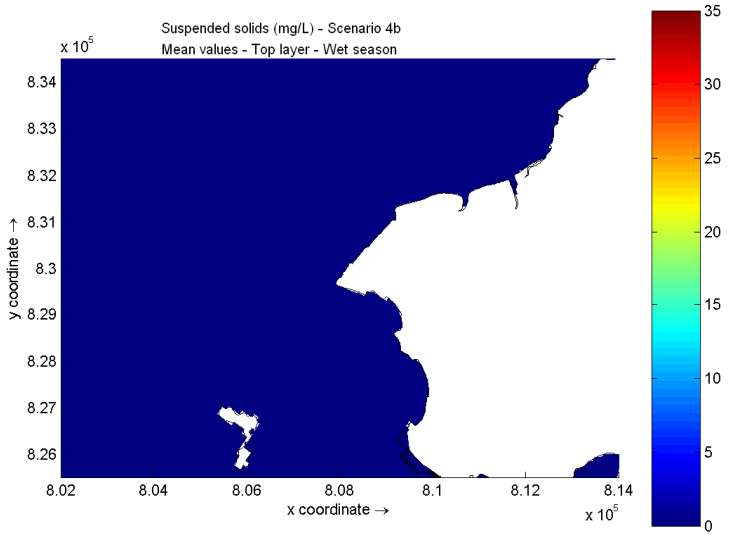


Scenario 4b – Depth-averaged
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

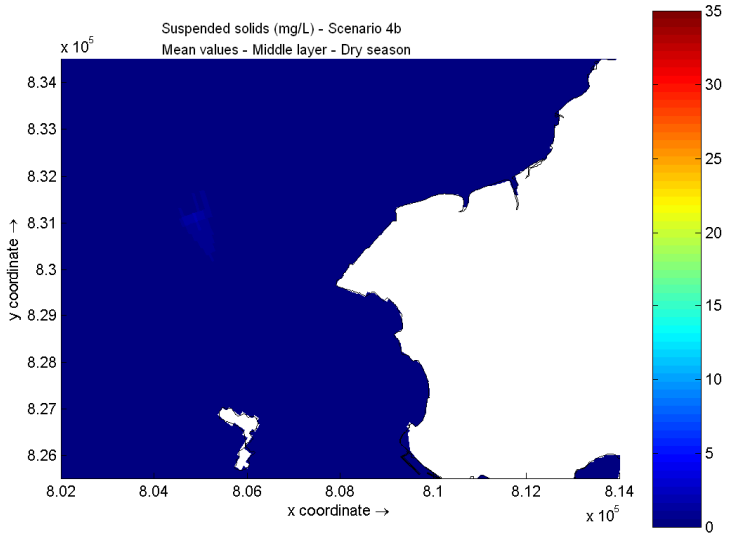


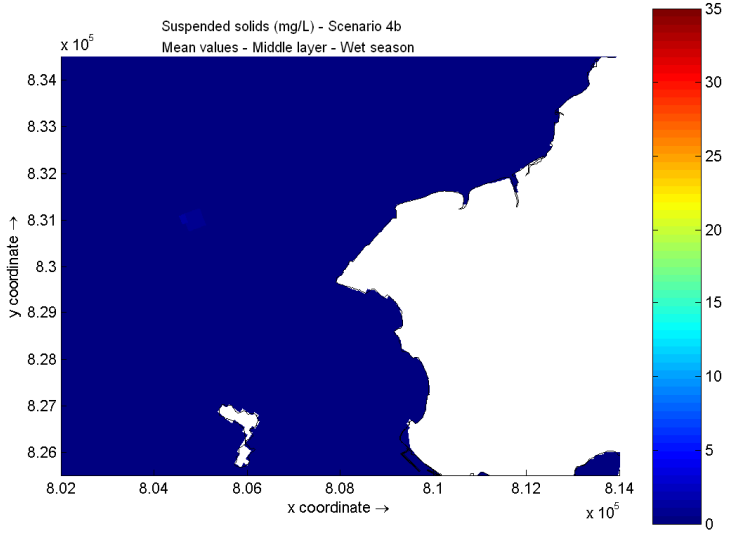


Scenario 4b – Top layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

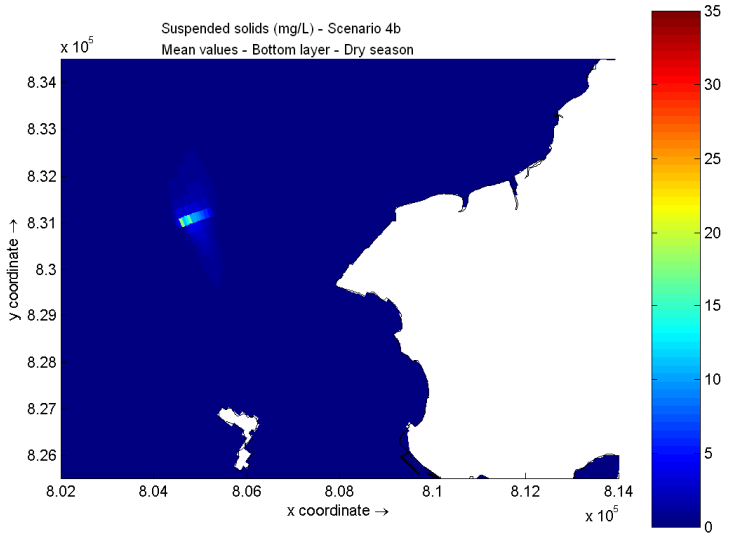


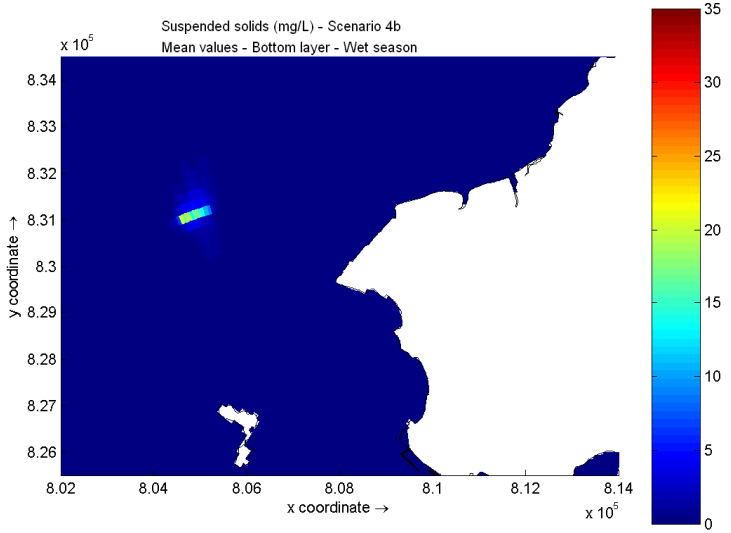


Scenario 4b – Middle layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

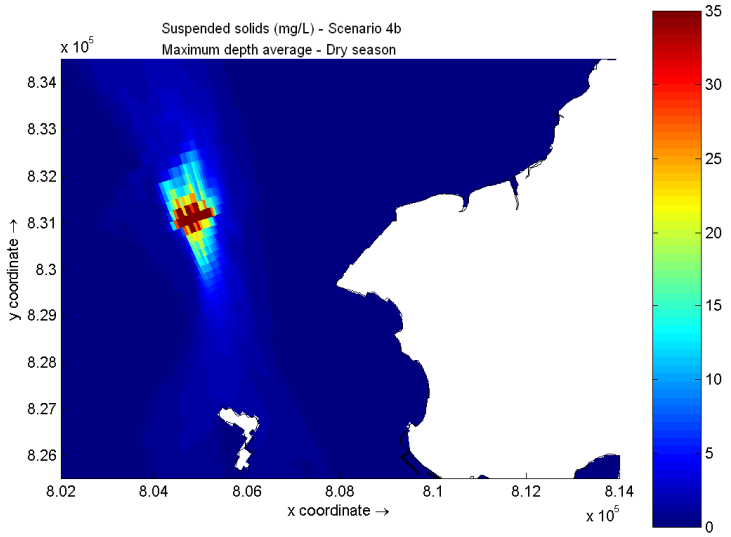


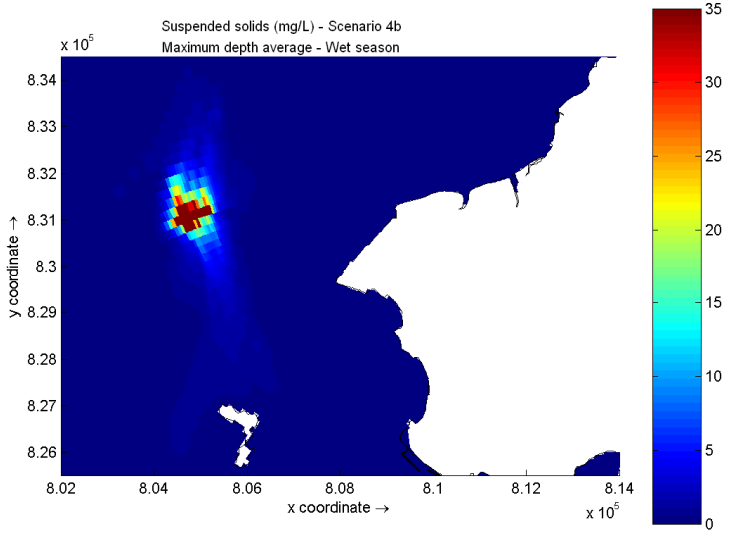


Scenario 4b – Bottom layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

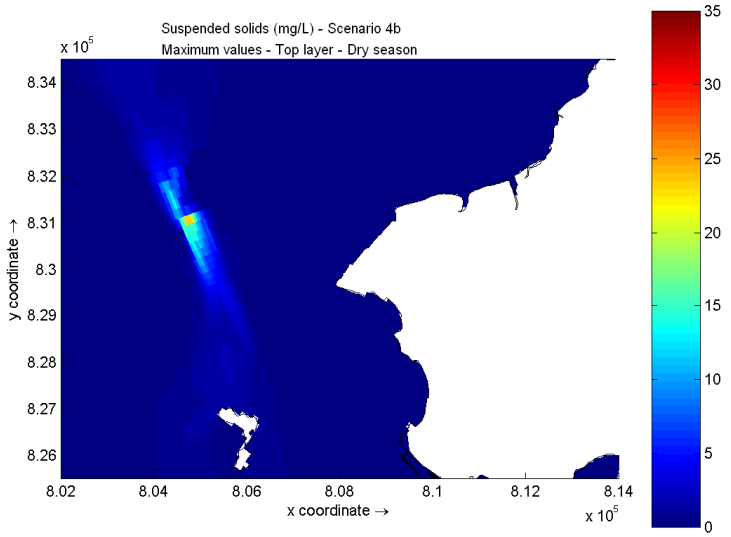


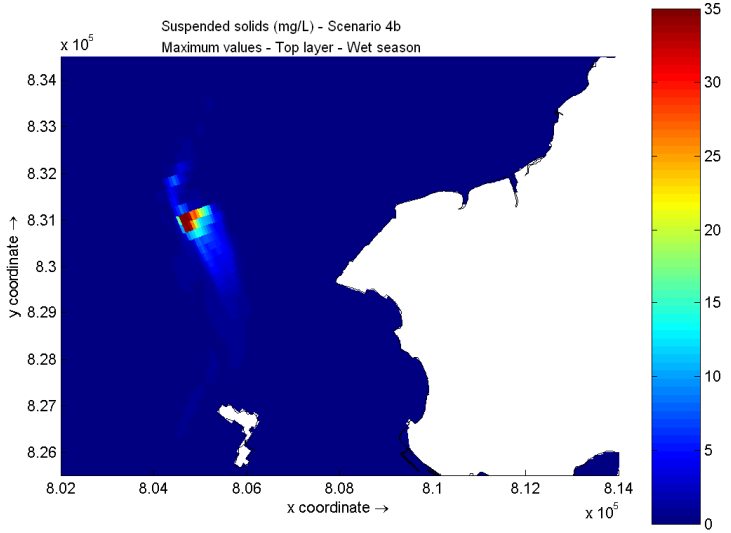


Scenario 4b – Depth-averaged
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

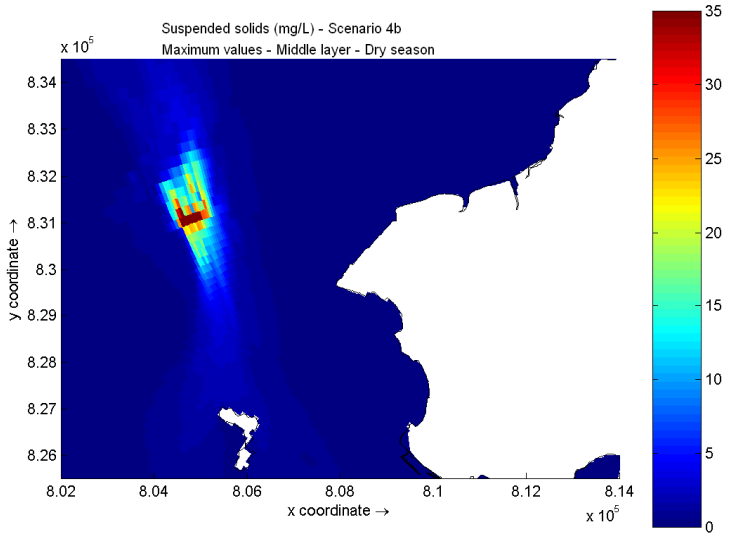


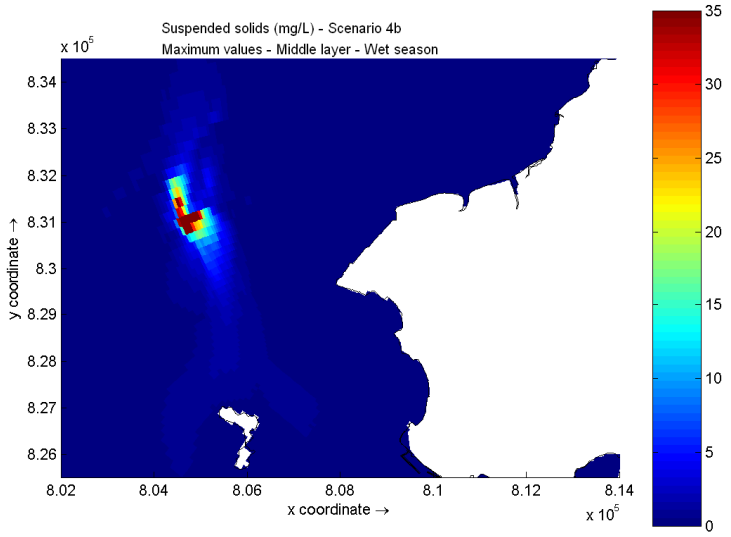


Scenario 4b – Top layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

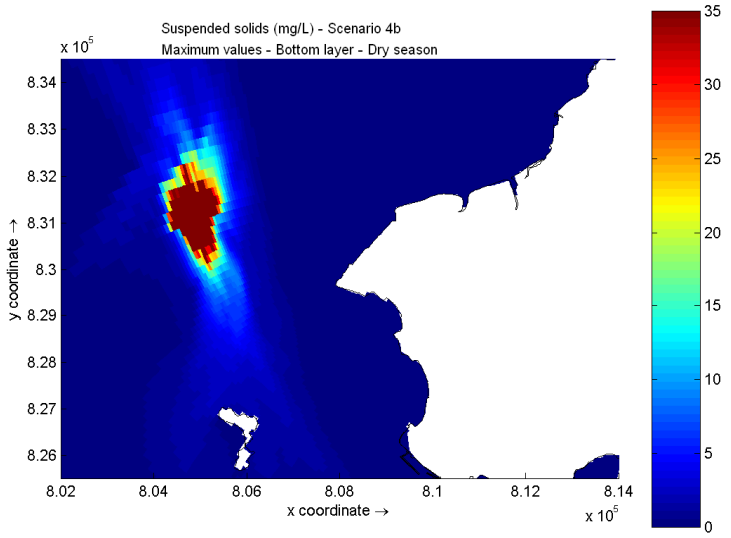


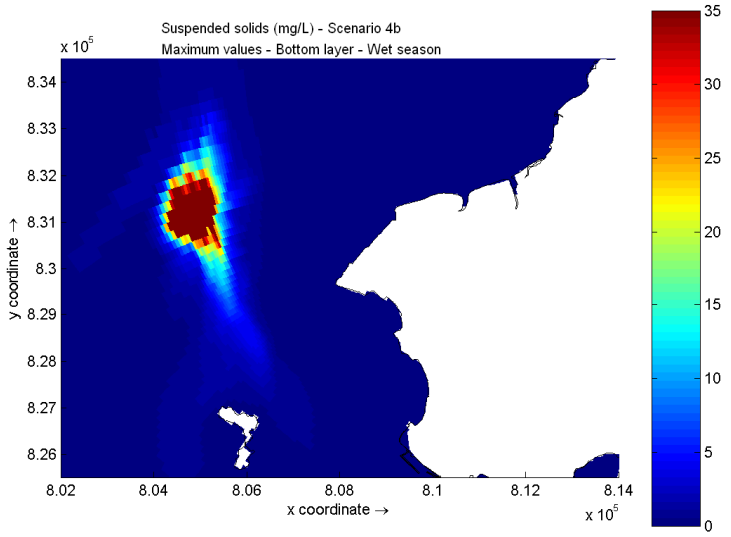


Scenario 4b – Middle layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

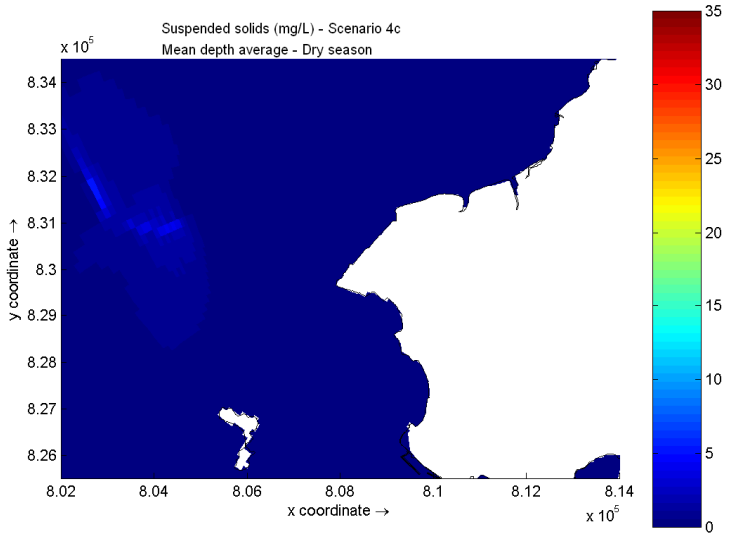


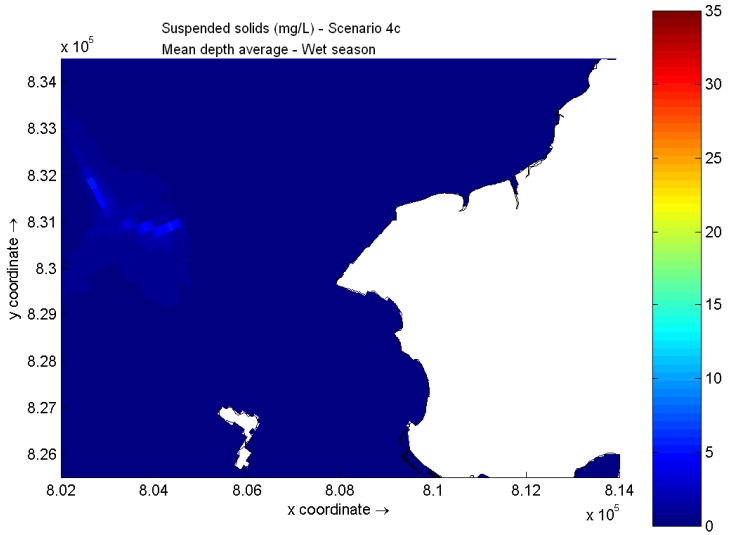


Scenario 4b – Bottom layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

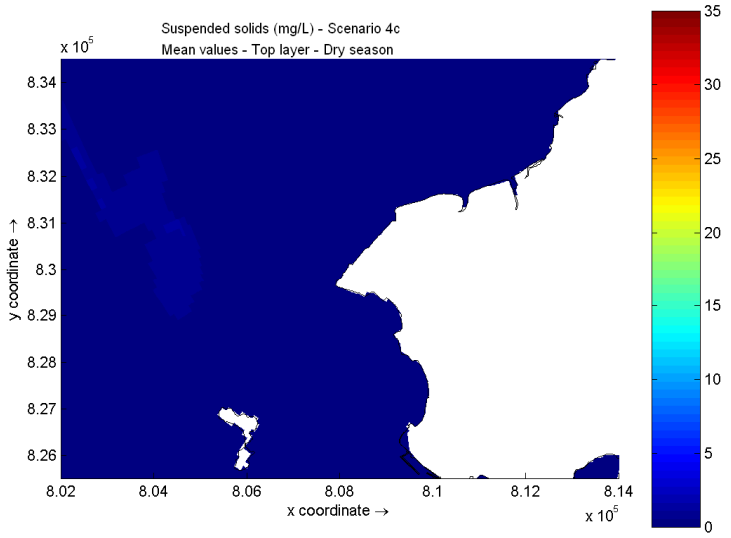


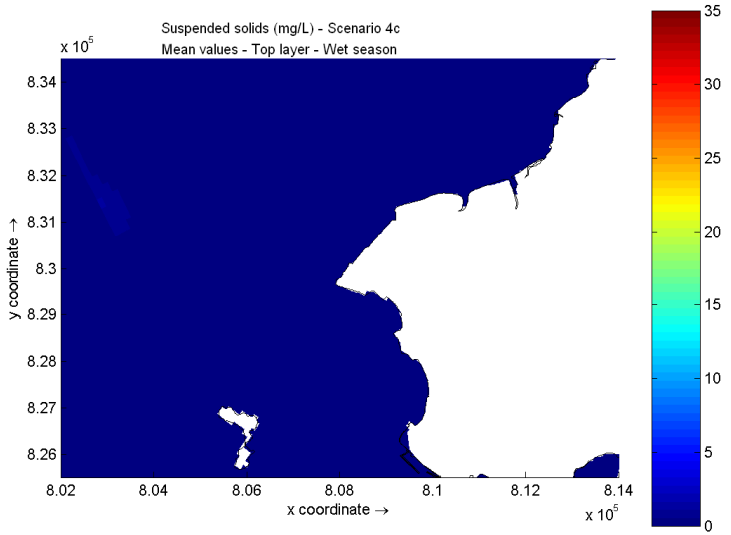


Scenario 4c – Depth-averaged
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

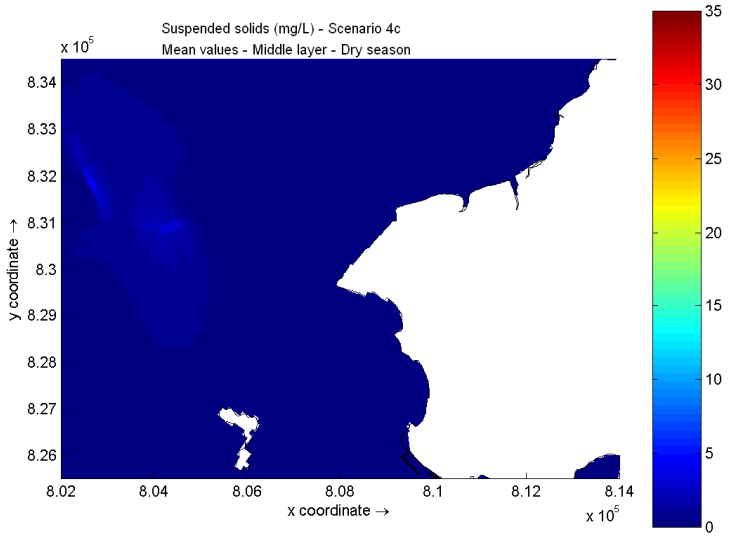


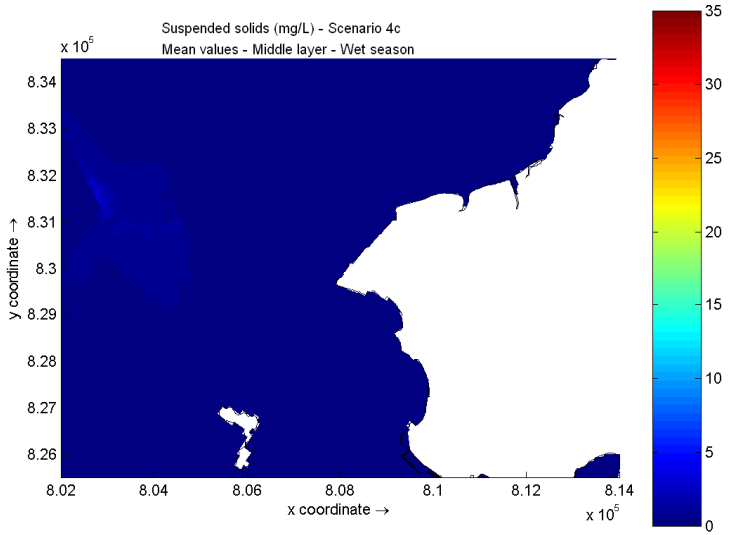


Scenario 4c – Top layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

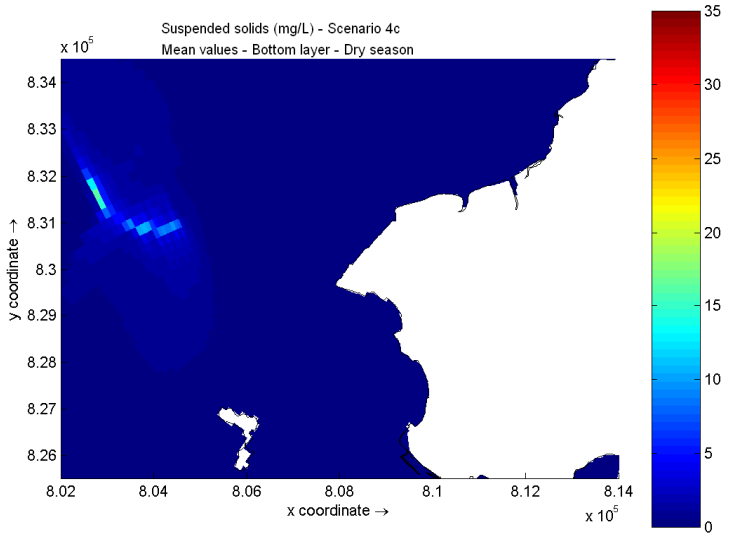


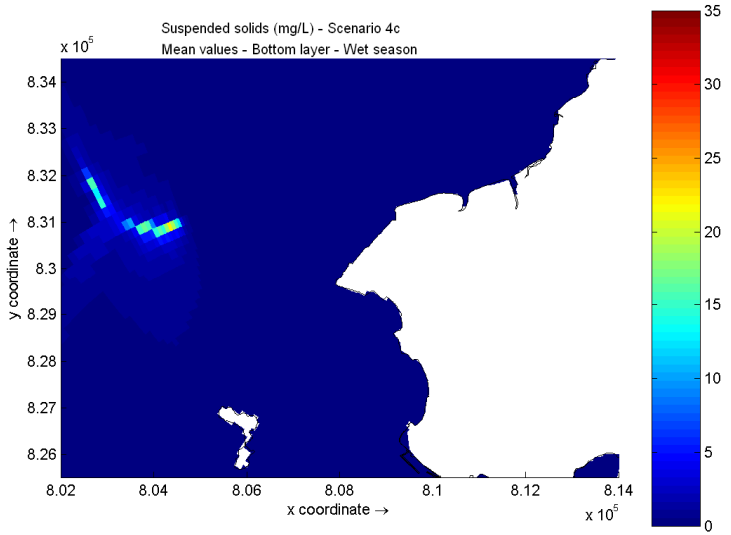


Scenario 4c – Middle layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

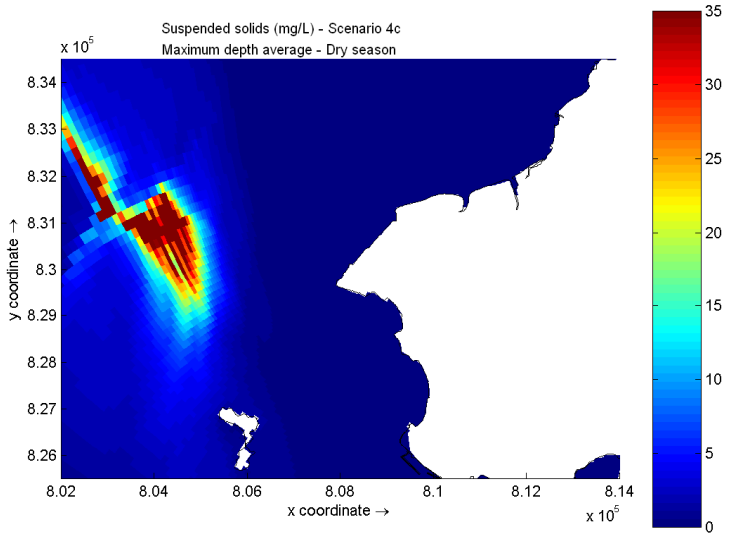


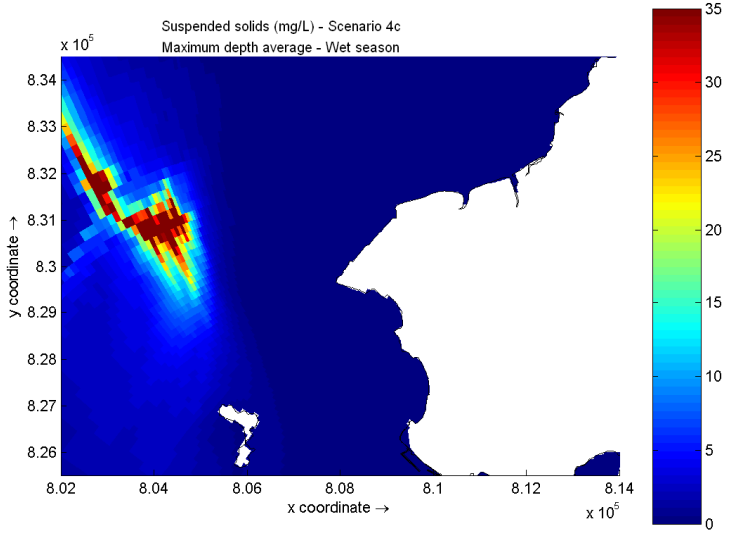


Scenario 4c – Bottom layer
Suspended Solids (mg/L) – Mean over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

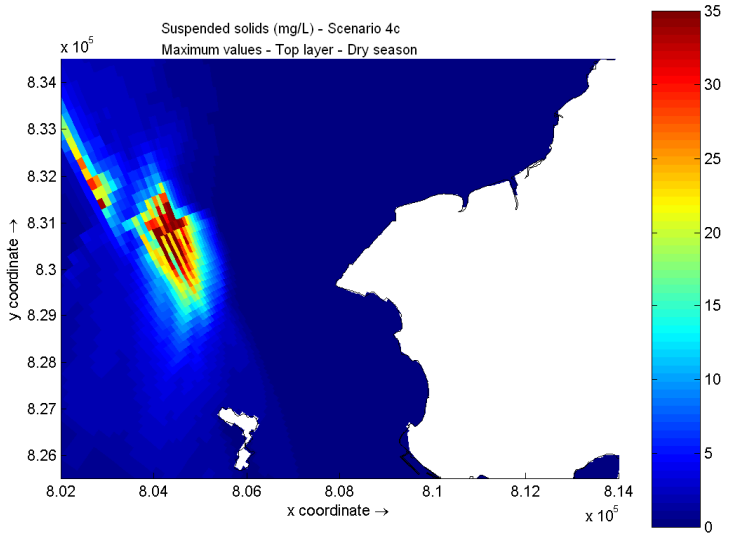


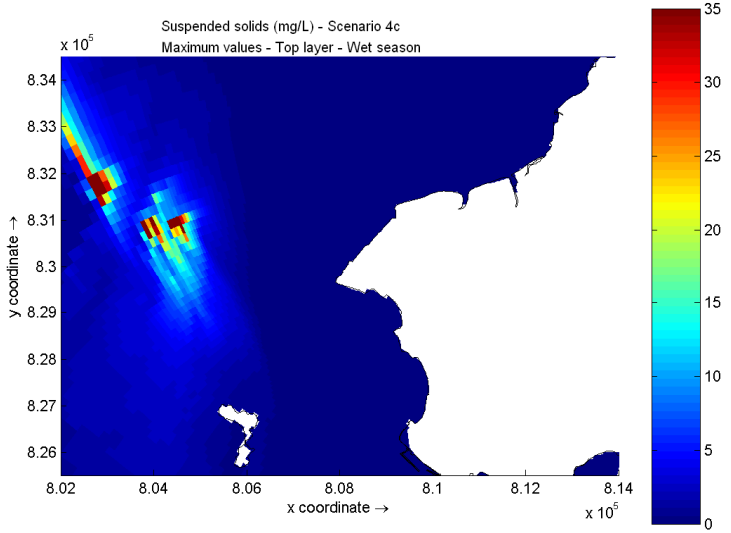


Scenario 4c – Depth-averaged
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

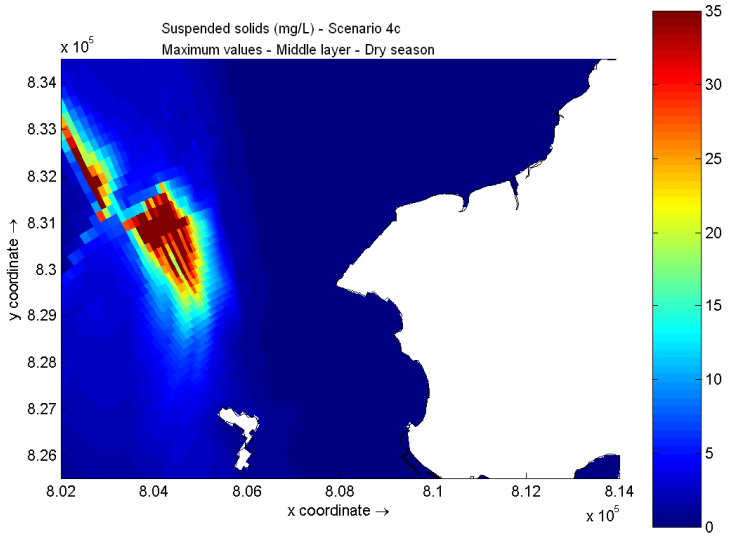


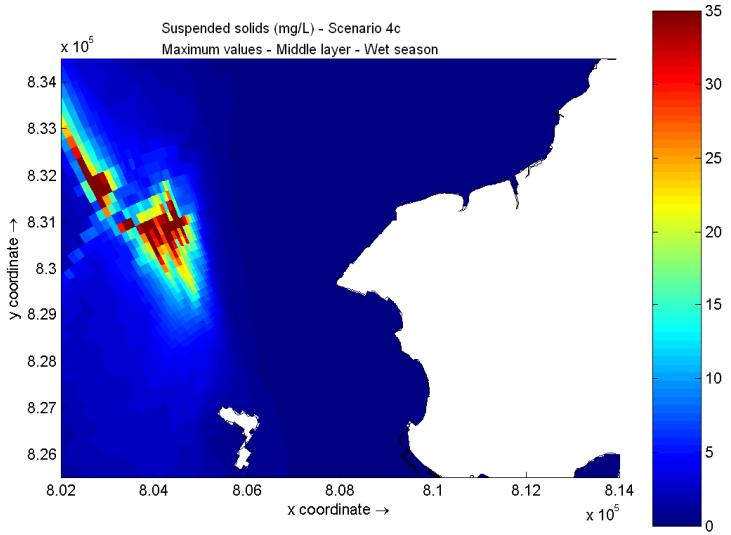


Scenario 4c – Top layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

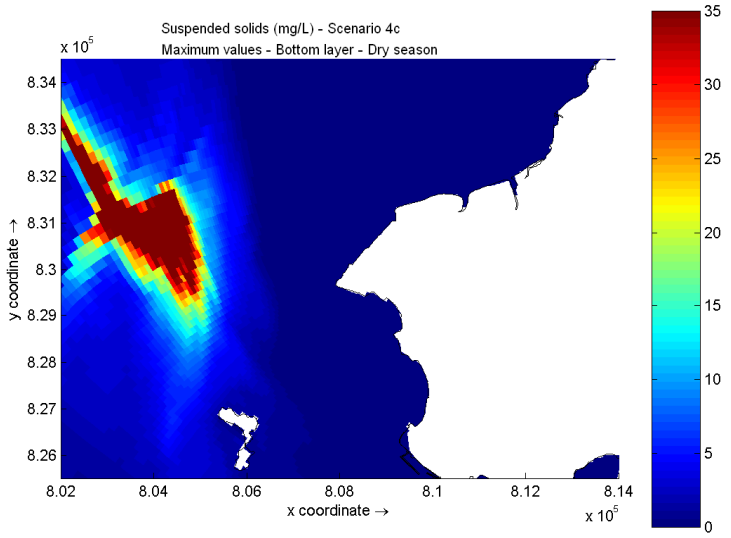


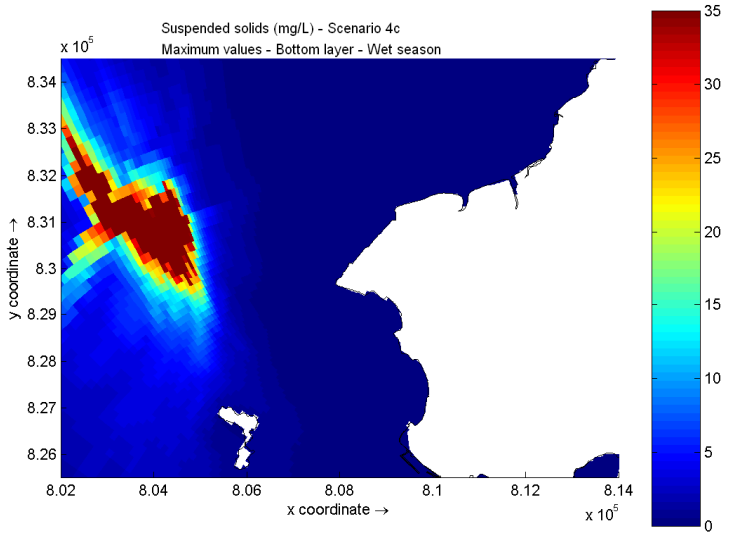


Scenario 4c – Middle layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM

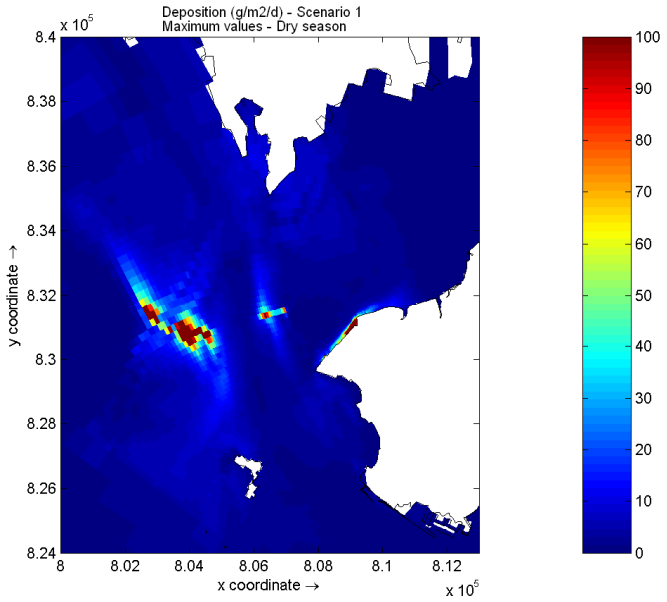


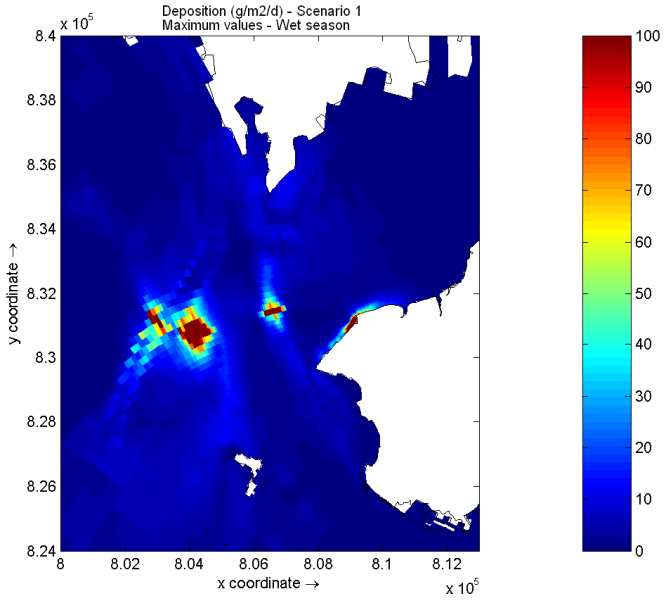


Scenario 4c – Bottom layer
Suspended Solids (mg/L) – Maximum over a complete spring neap cycle
Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM





Scenario 1 – Maximum daily deposition at any time during the simulation over a complete spring neap cycle

Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

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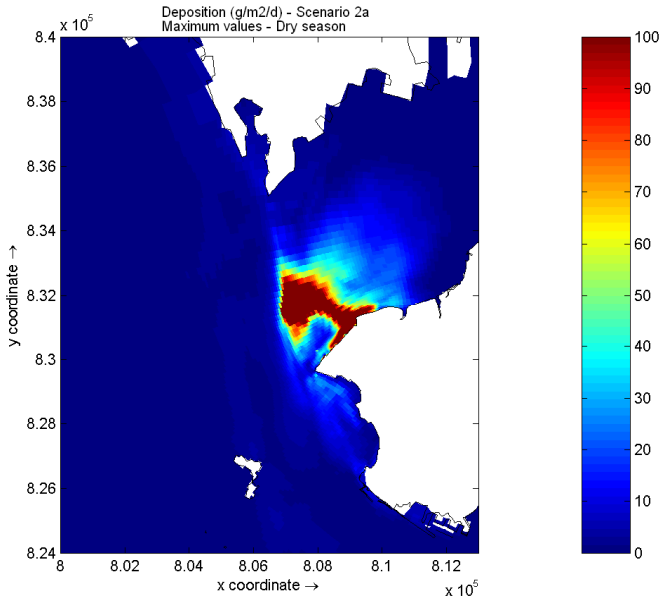
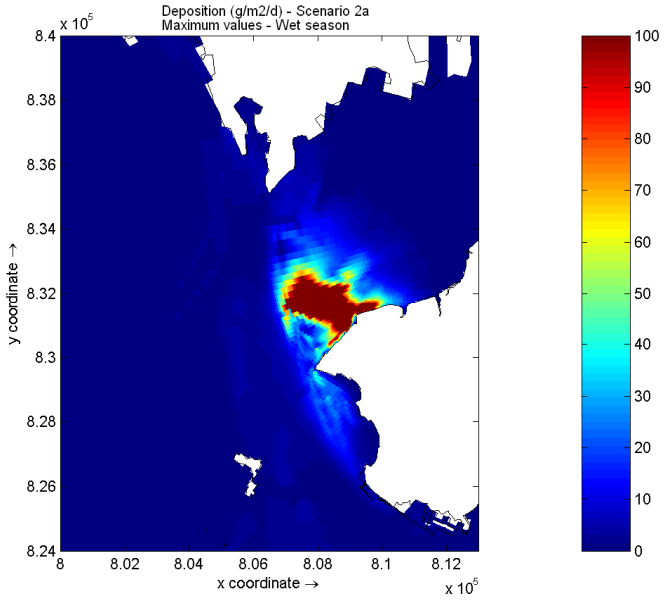


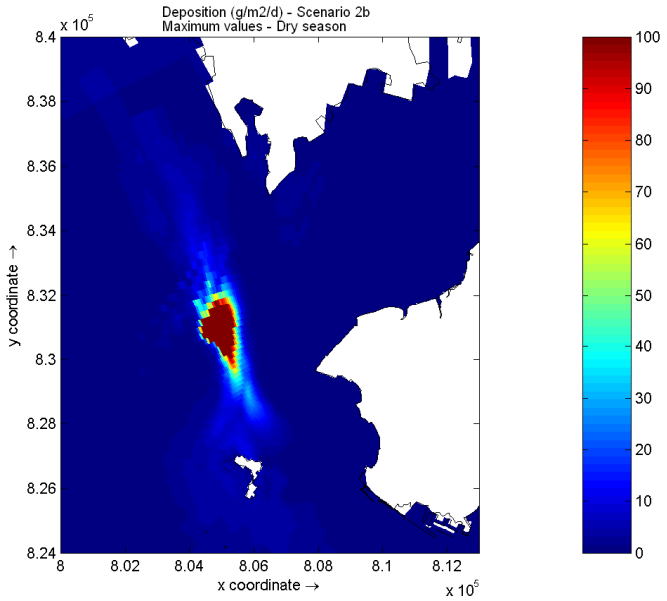


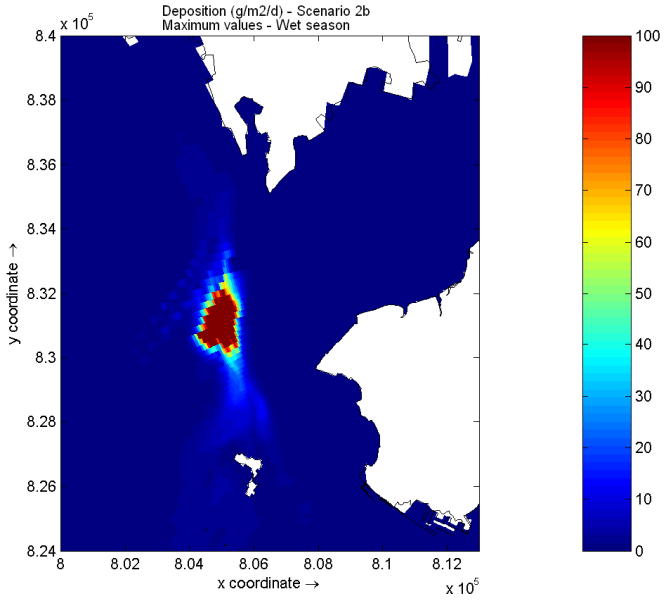
Scenario 2a – Maximum daily deposition at any time during the simulation over a complete spring neap cycle

Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM



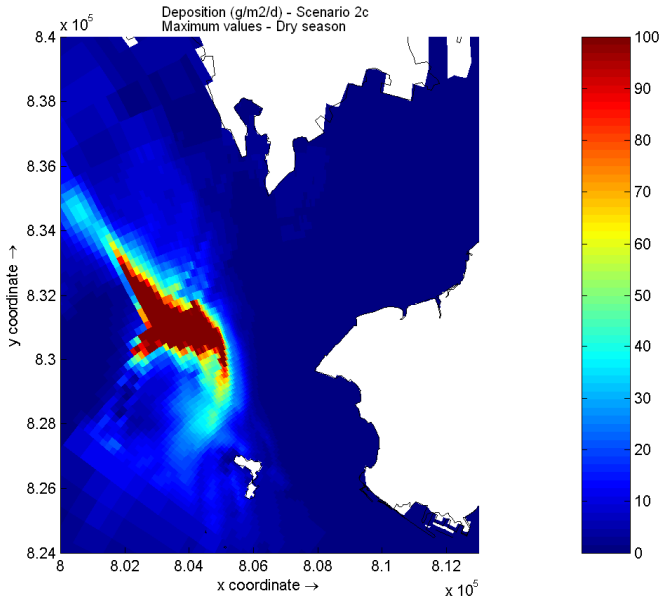


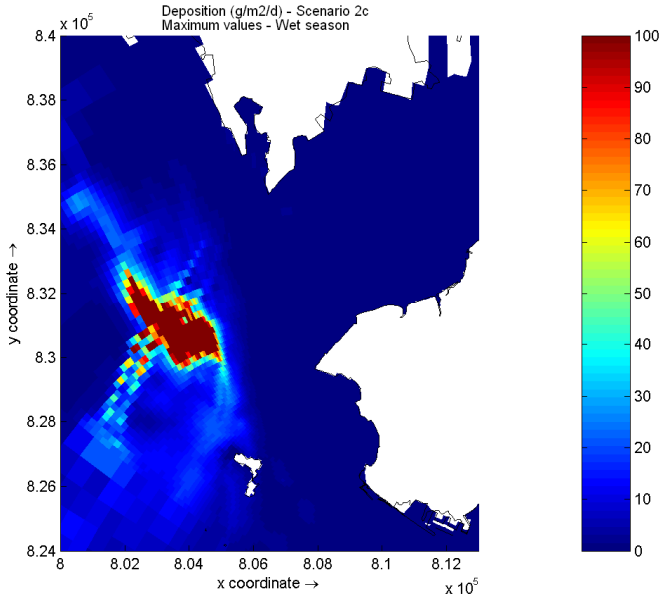
Scenario 2b – Maximum daily deposition at any time during the simulation over a complete spring neap cycle

Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM



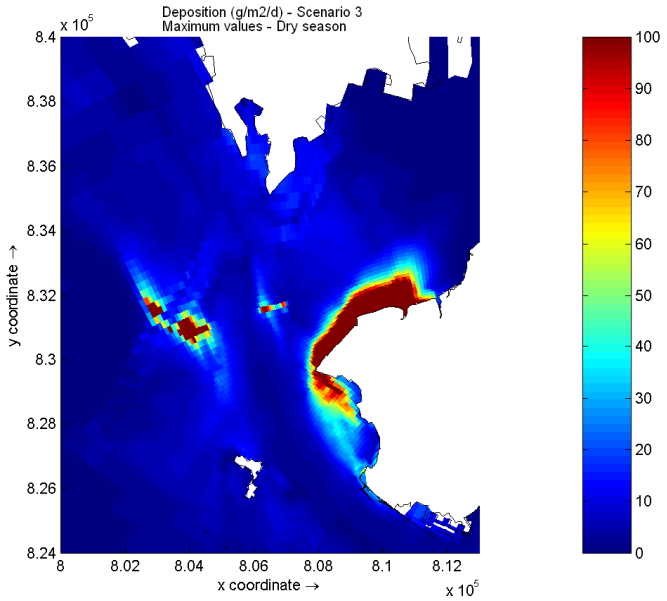


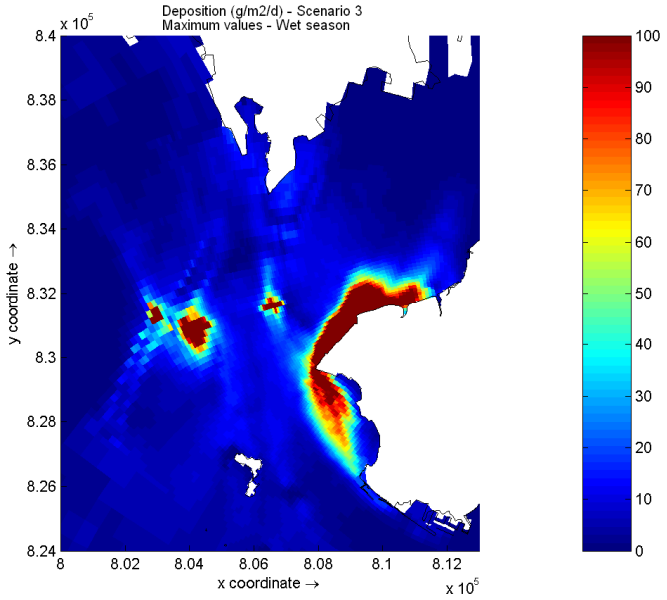
Scenario 2c – Maximum daily deposition at any time during the simulation over a complete spring neap cycle

Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM



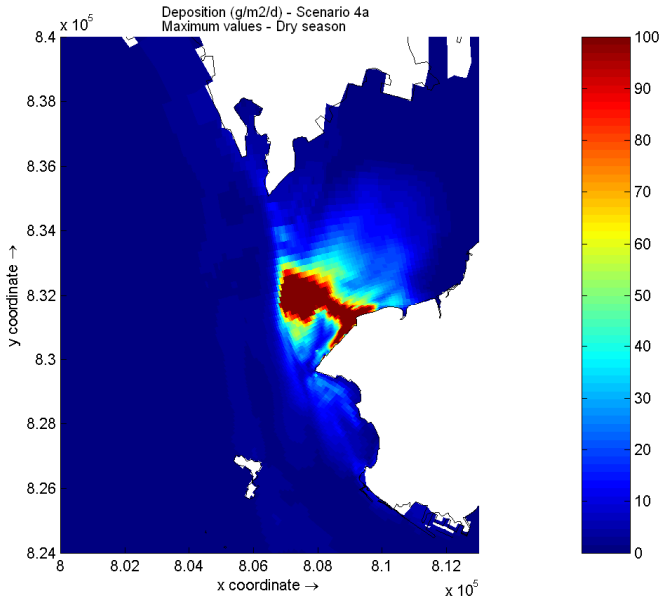


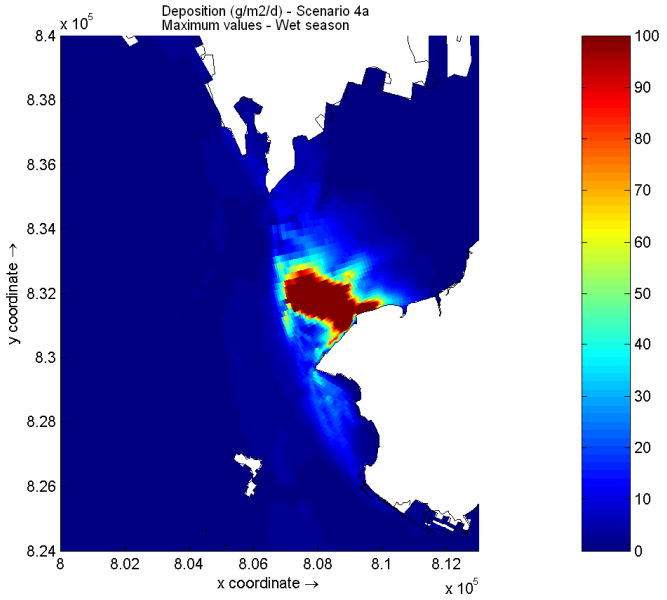
Scenario 3 – Maximum daily deposition at any time during the simulation over a complete spring neap cycle

Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM



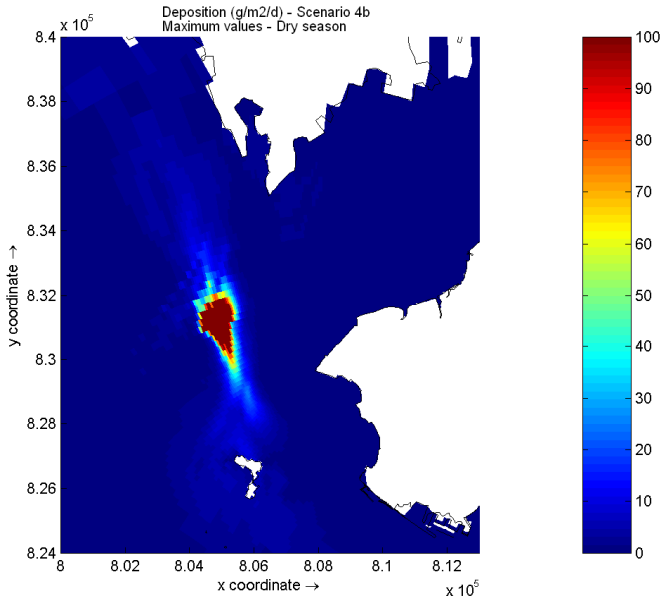


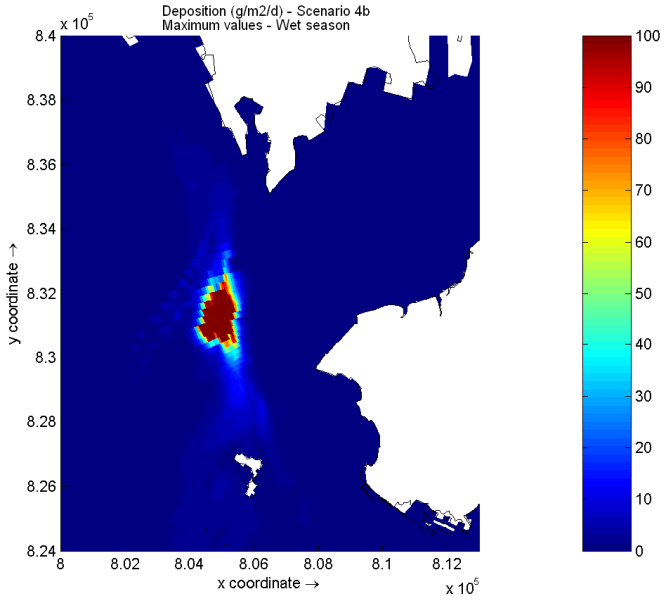
Scenario 4a – Maximum daily deposition at any time during the simulation over a complete spring neap cycle

Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM



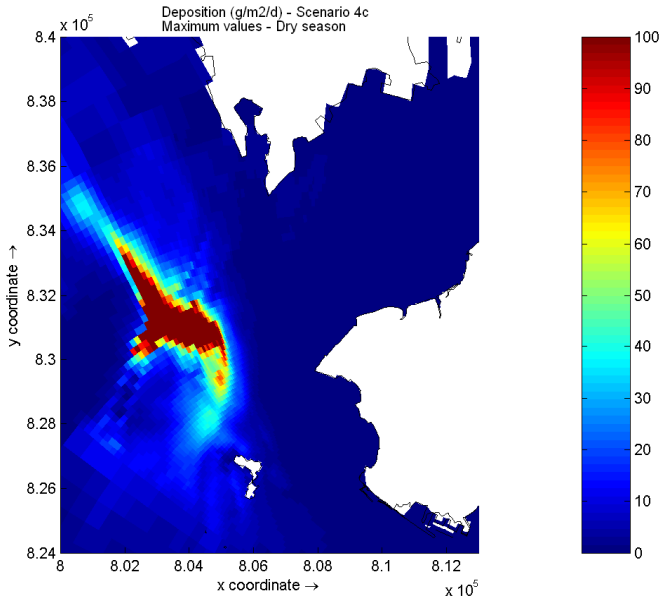


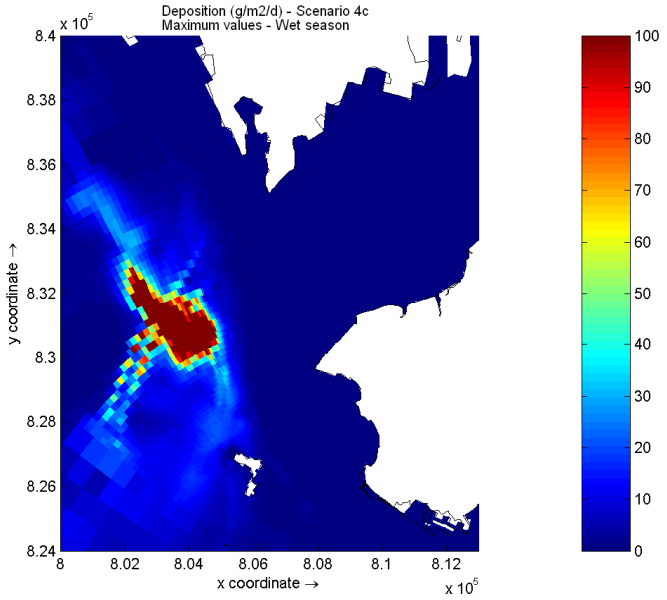
Scenario 4b– Maximum daily deposition at any time during the simulation over a complete spring neap cycle

Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM





Scenario 4c – Maximum daily deposition at any time during the simulation over a complete spring neap cycle

Upper plot: Dry Season ; Lower plot: Wet Season

Environmental Resources Management

ERM