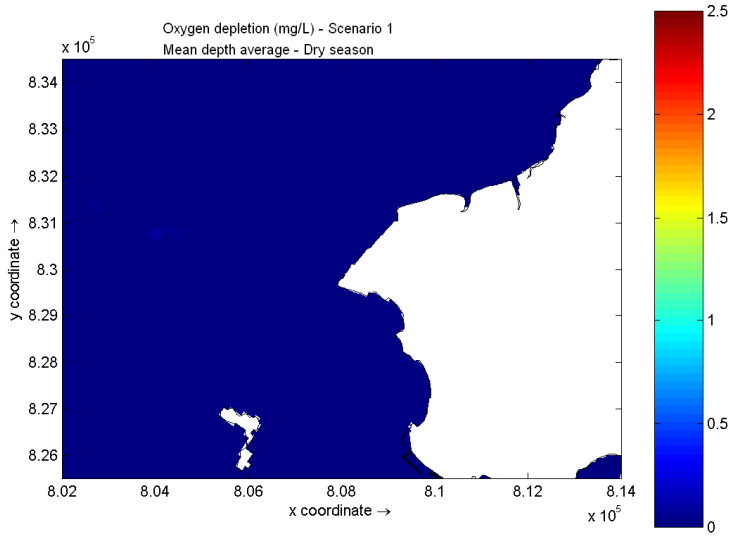
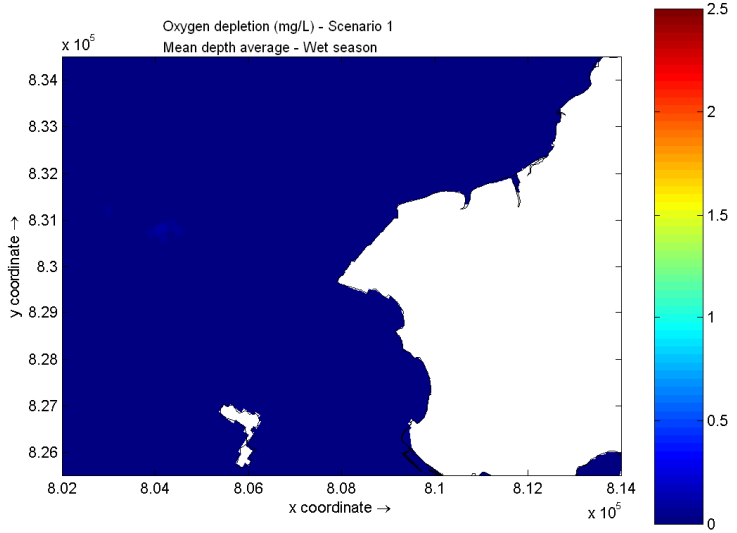
Annex 6D

# Model Results for the Construction Scenarios (Dissolved Oxygen Depletion)

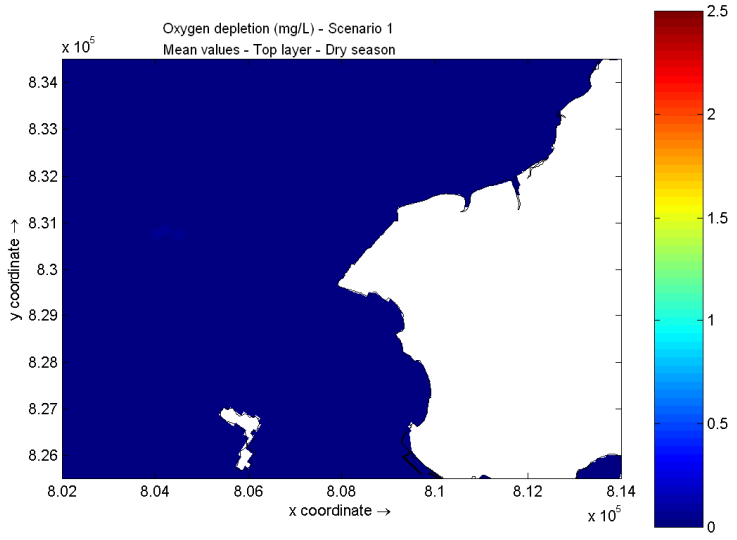


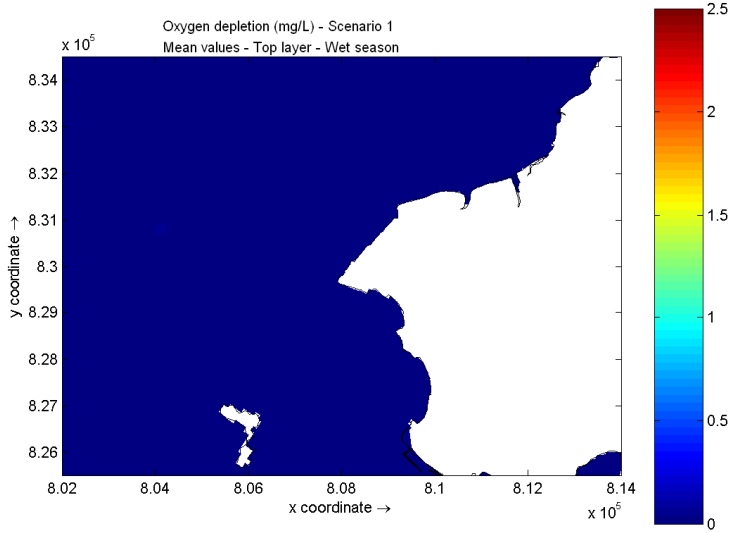




**Scenario 1 – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

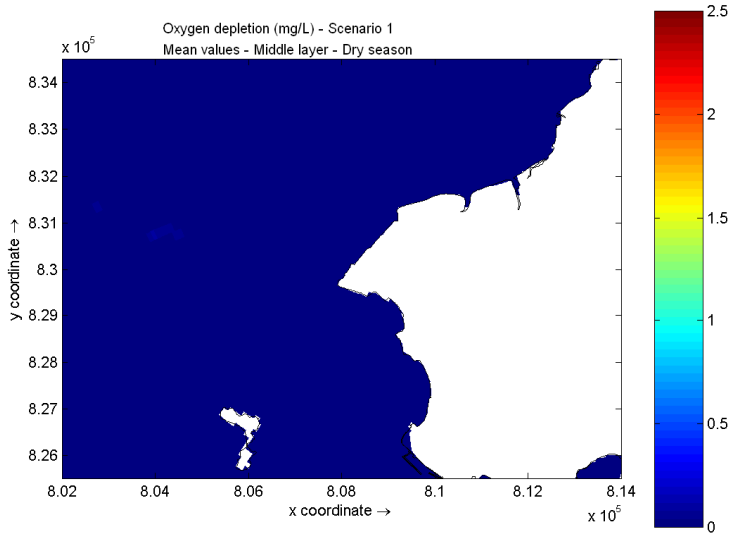


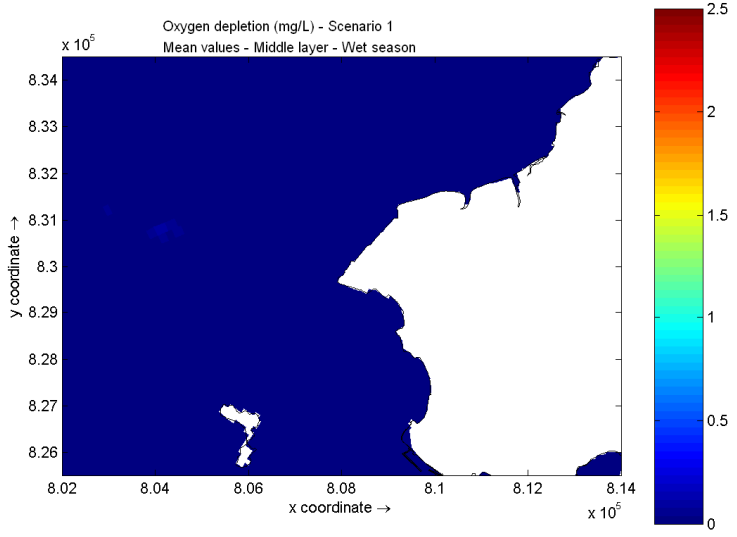




**Scenario 1 – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

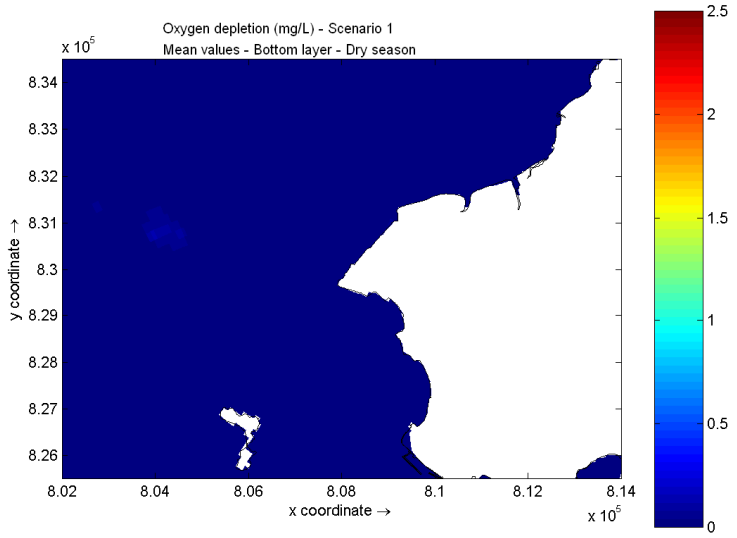


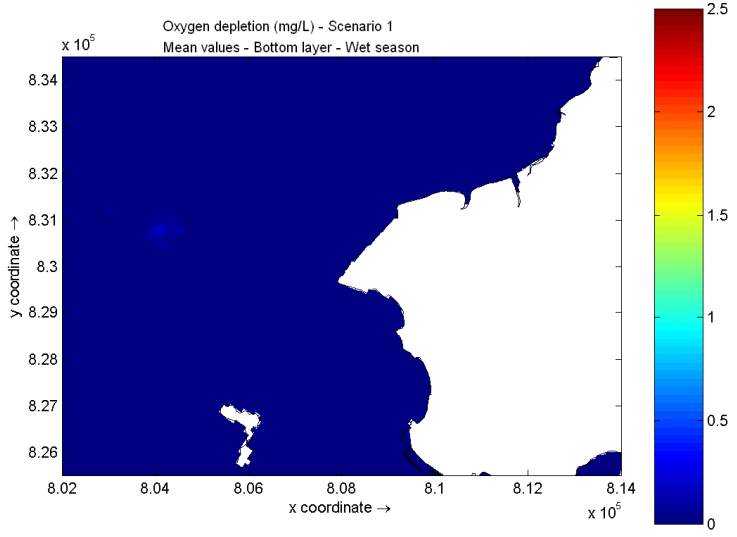




**Scenario 1 – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

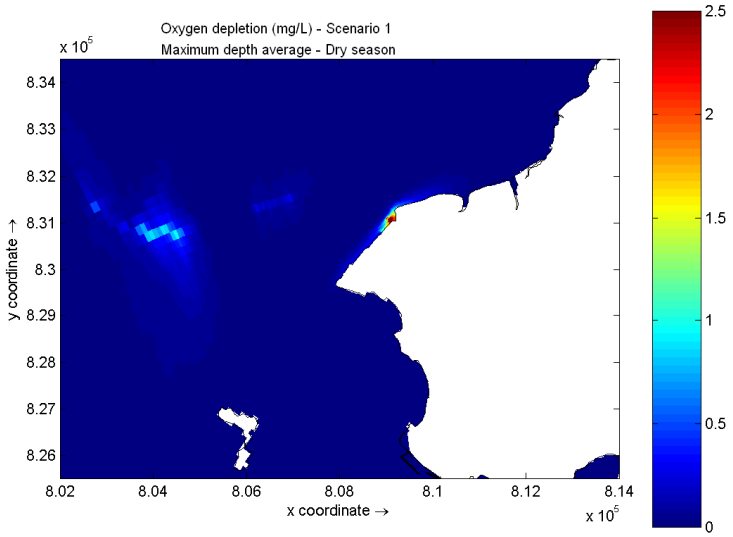


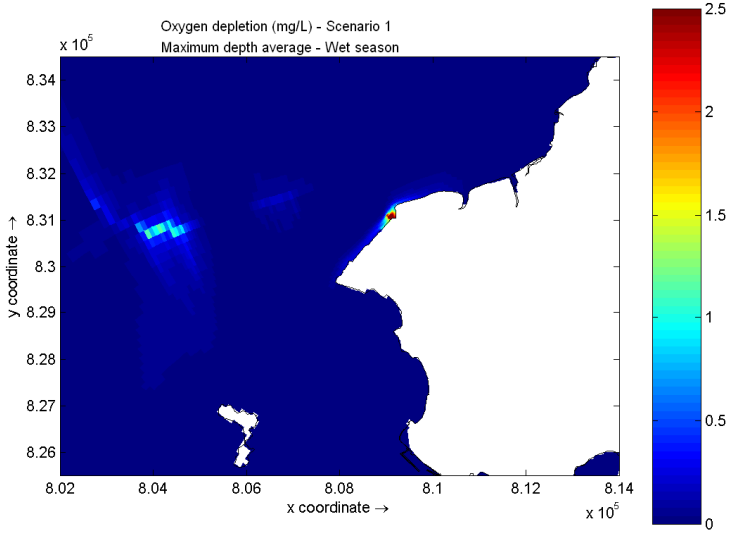




**Scenario 1 – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

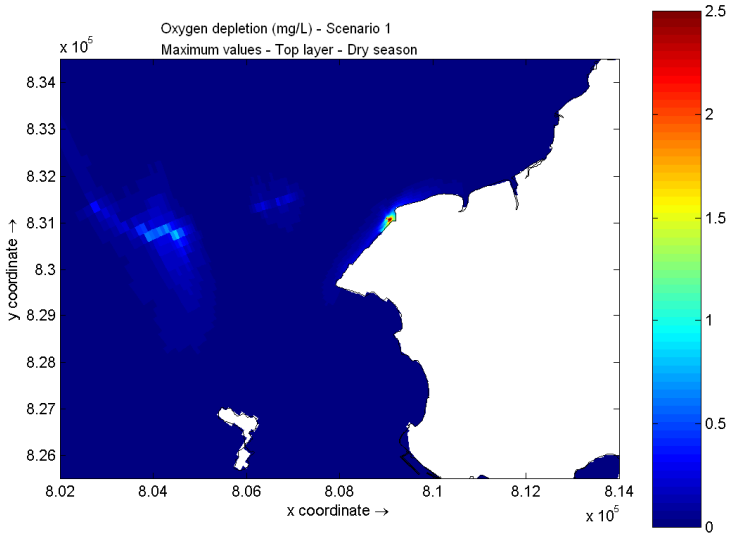


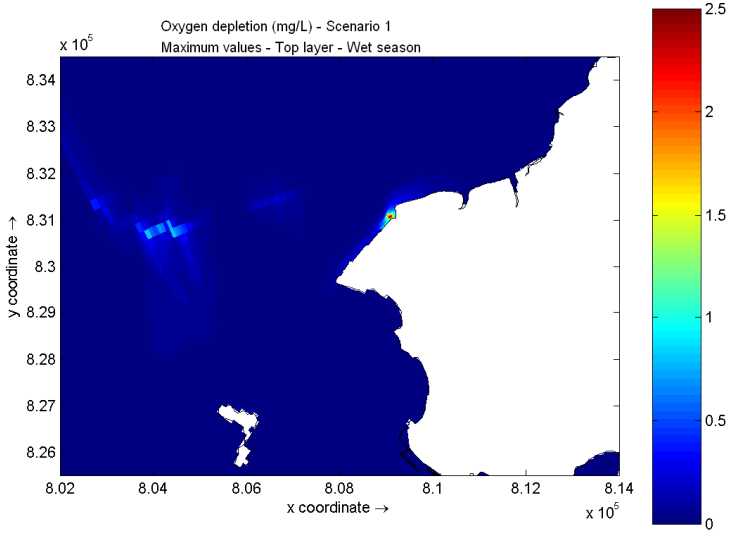




**Scenario 1 – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

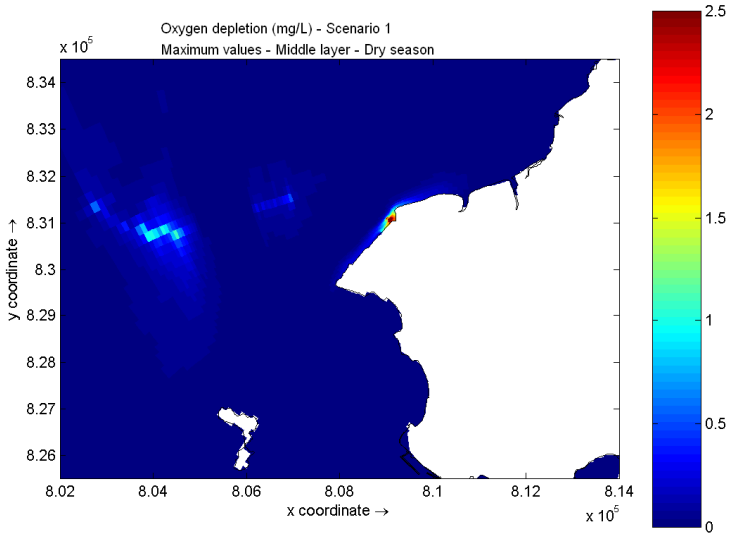


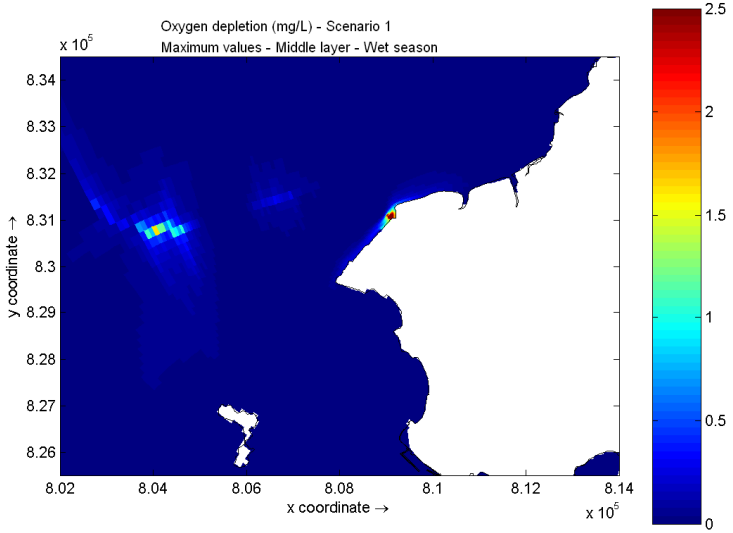




**Scenario 1 – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

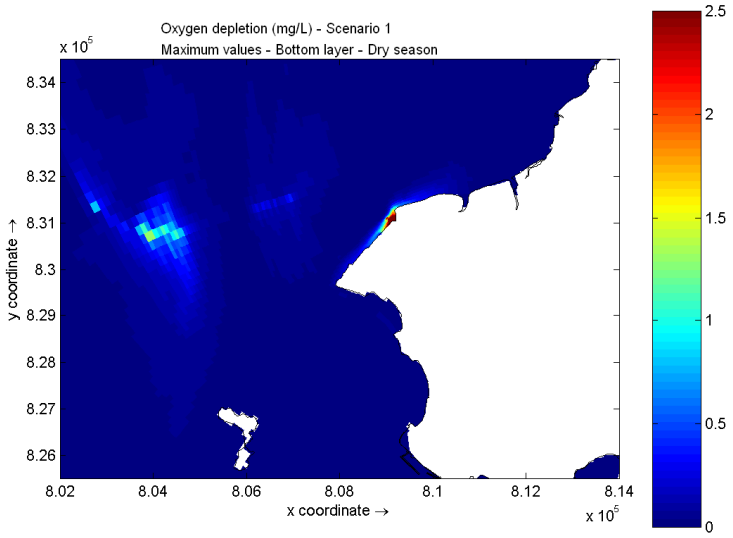


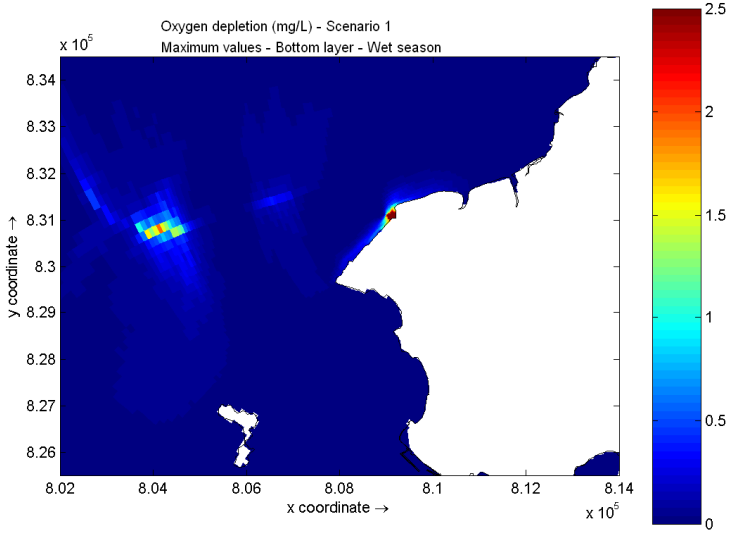




**Scenario 1 – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

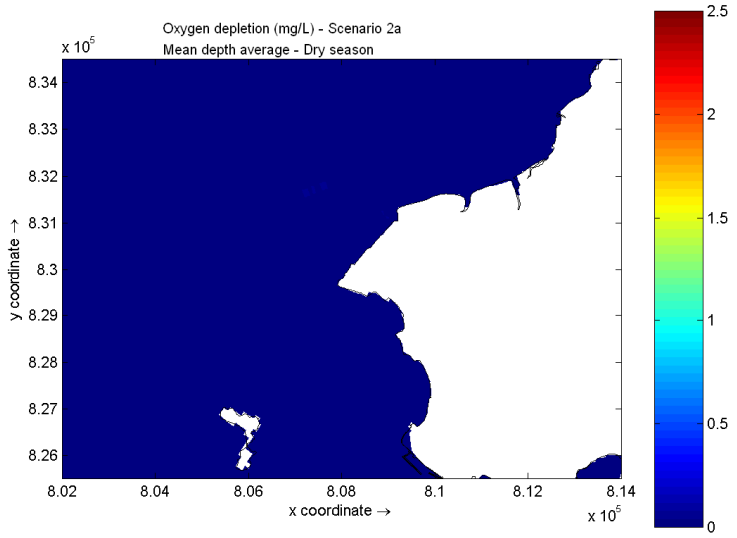


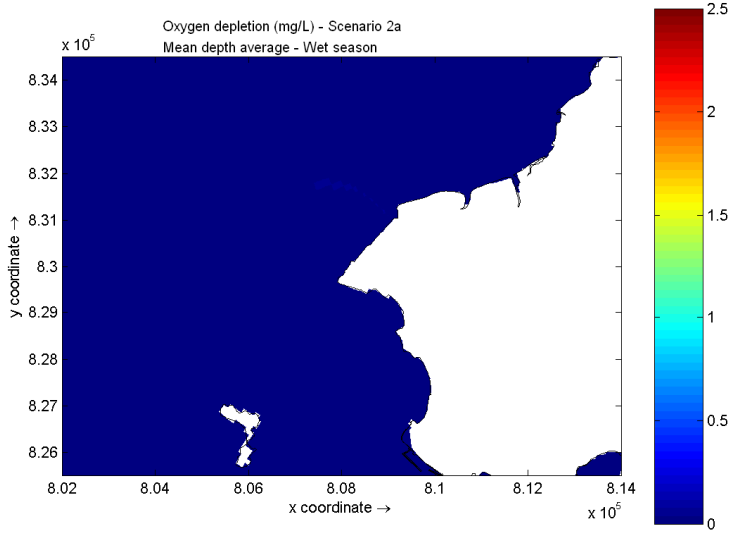




**Scenario 1 – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

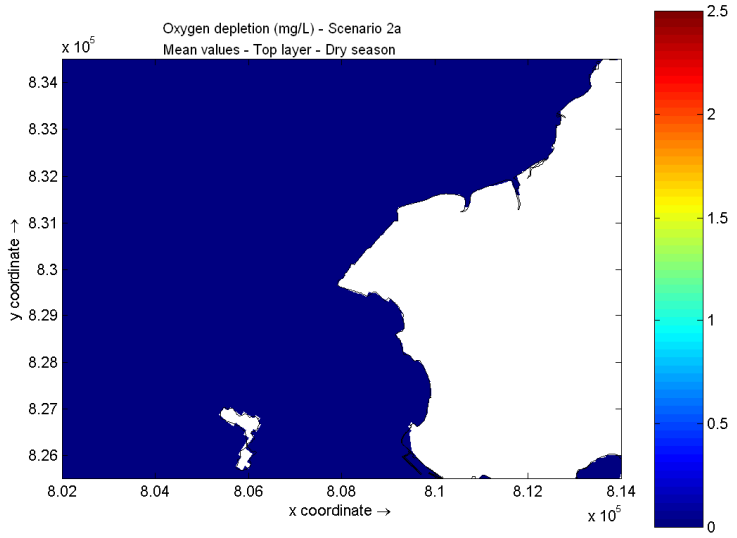


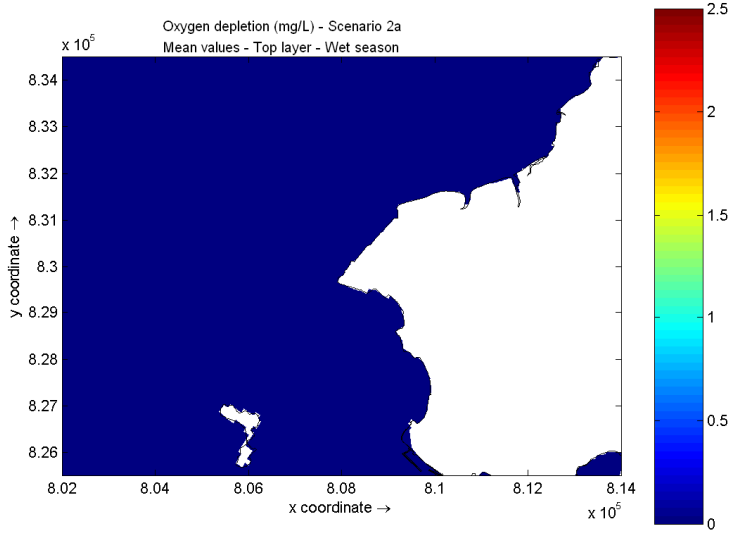




**Scenario 2a – Depth averaged**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

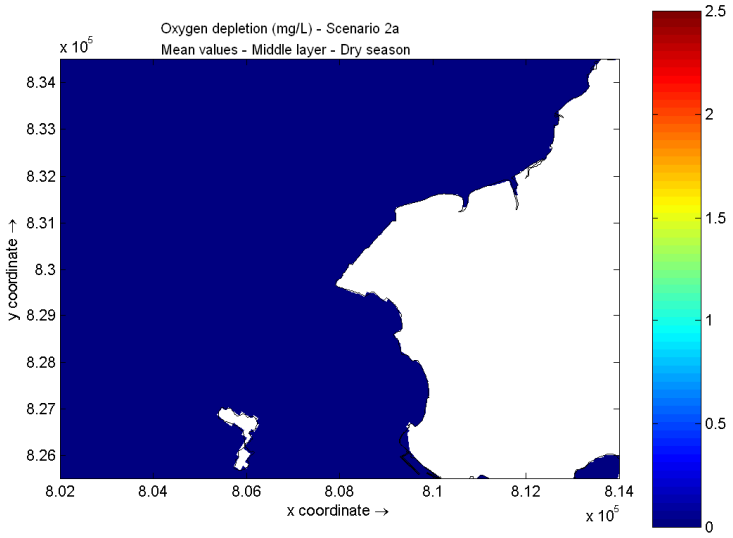


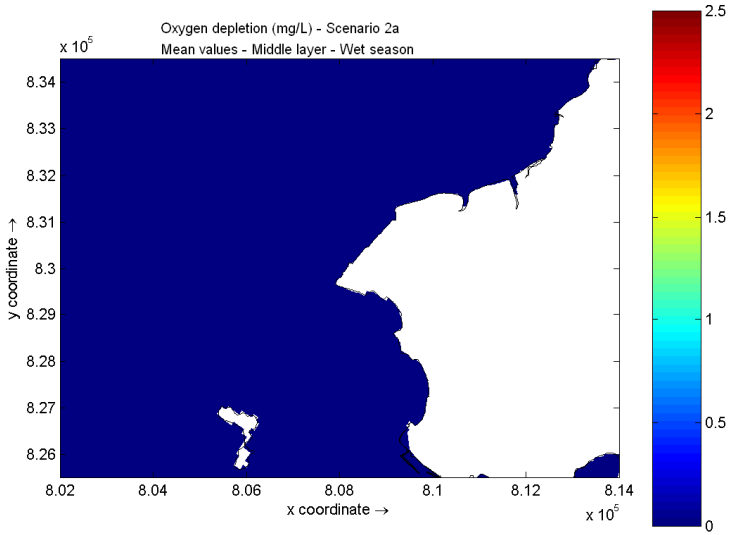




**Scenario 2a – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

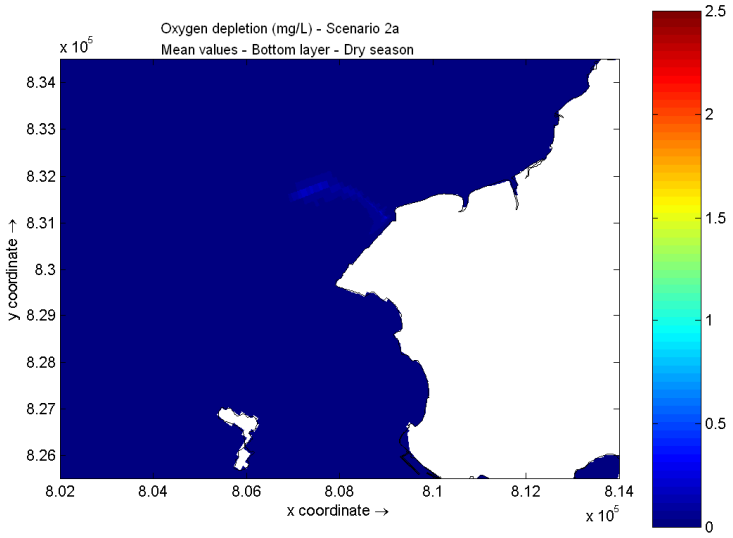


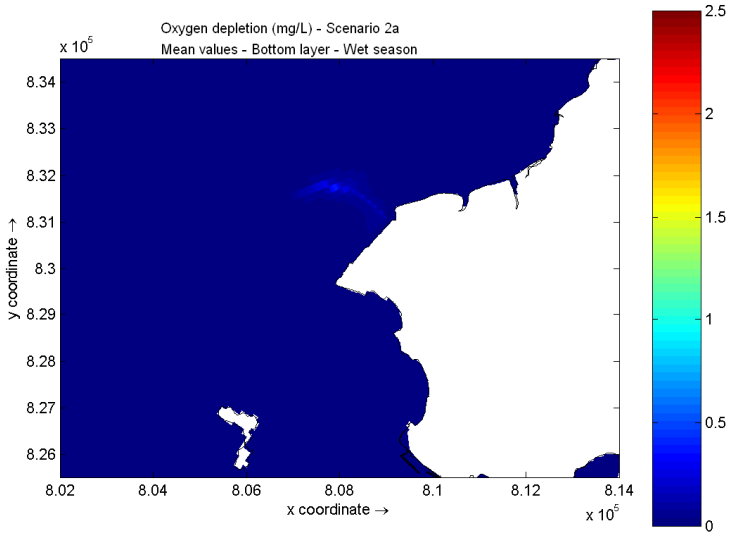




**Scenario 2a – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

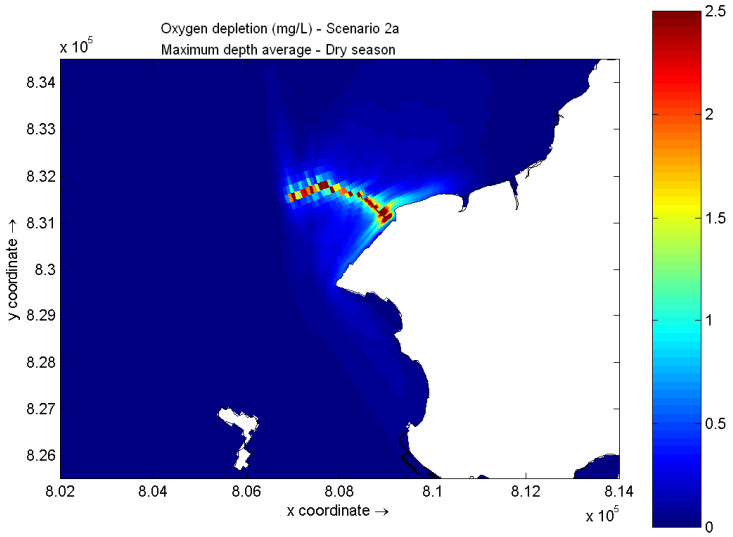


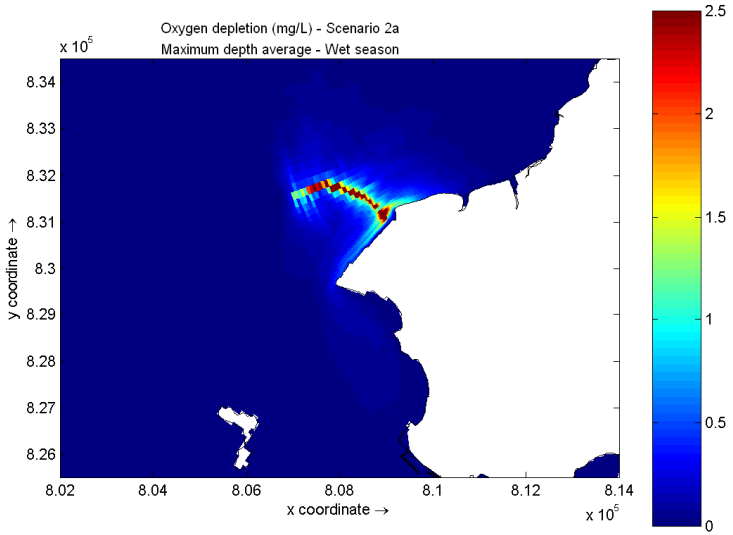




**Scenario 2a – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

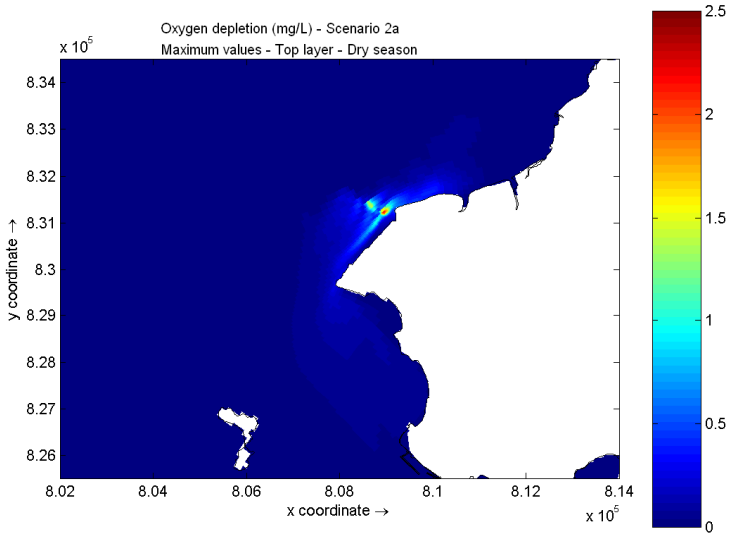


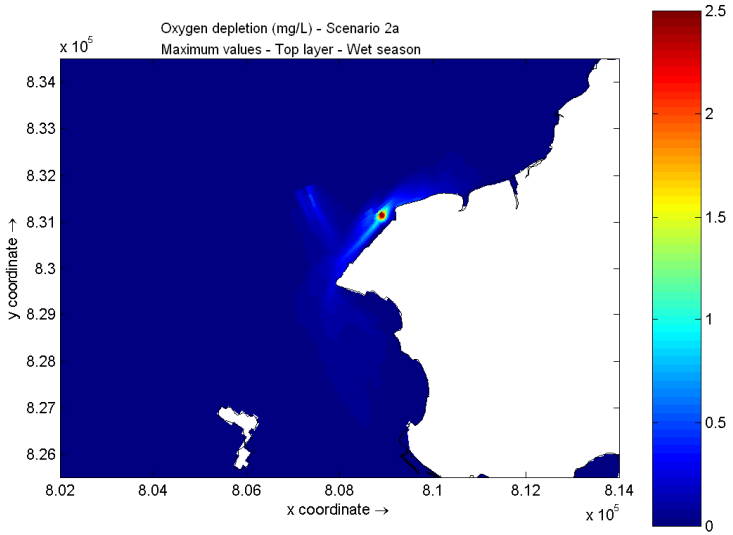




**Scenario 2a – Depth averaged**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

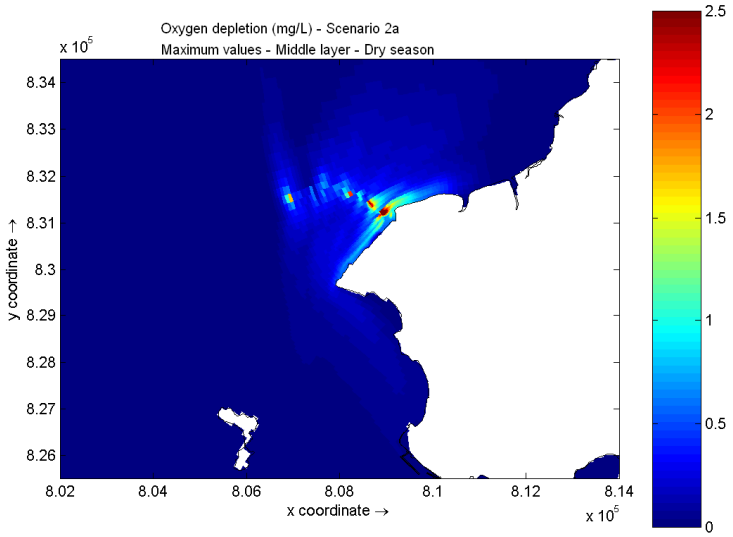


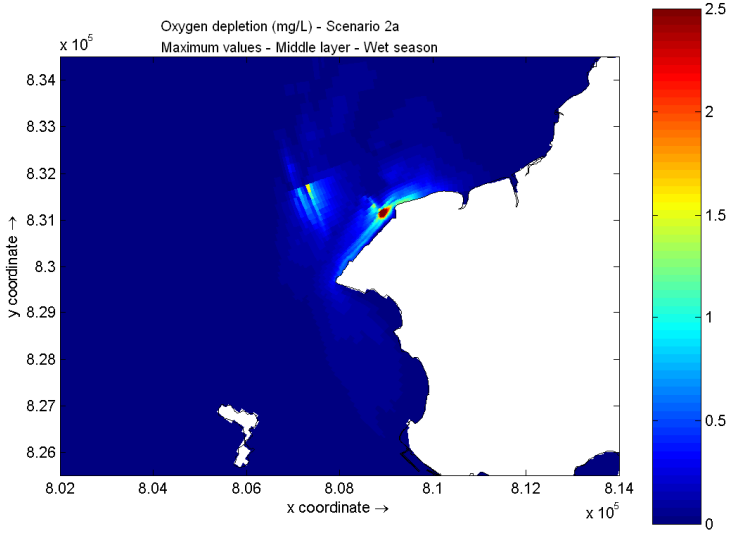




**Scenario 2a – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

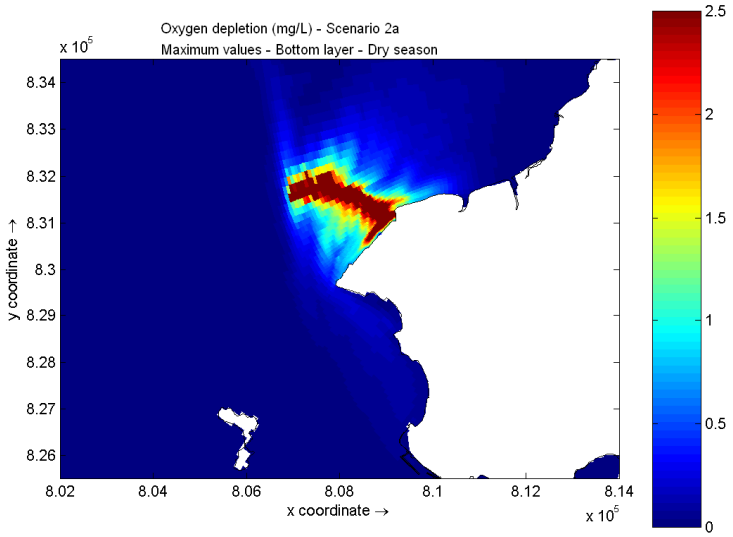


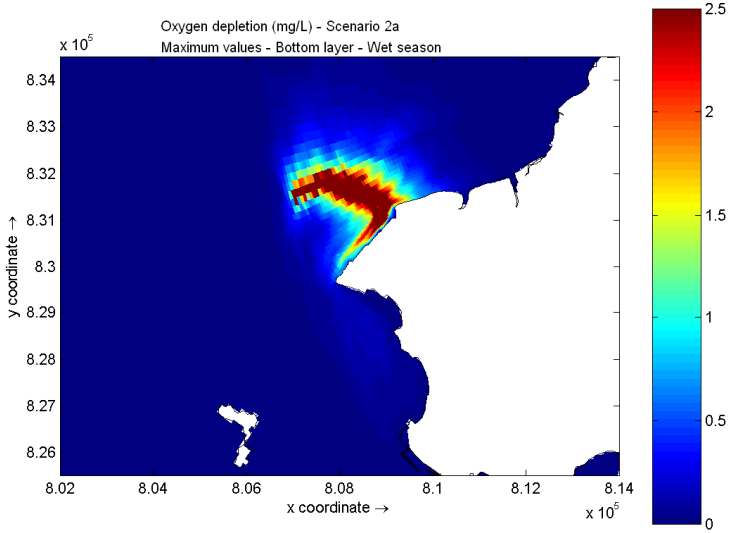




**Scenario 2a – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

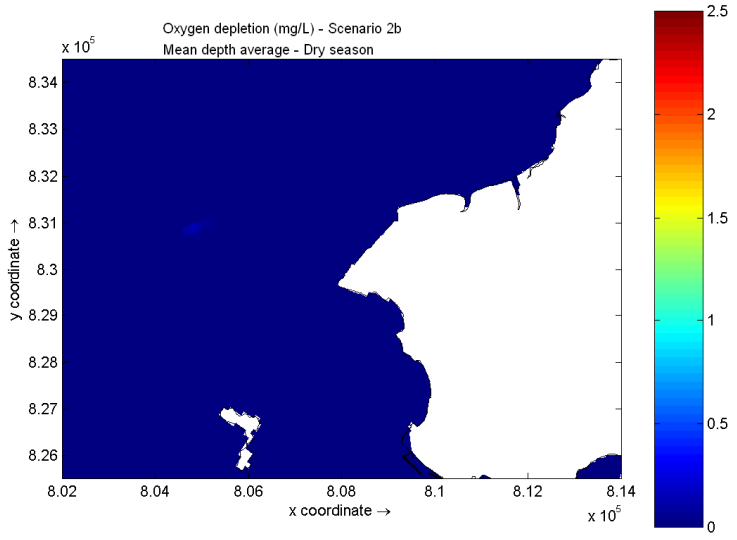


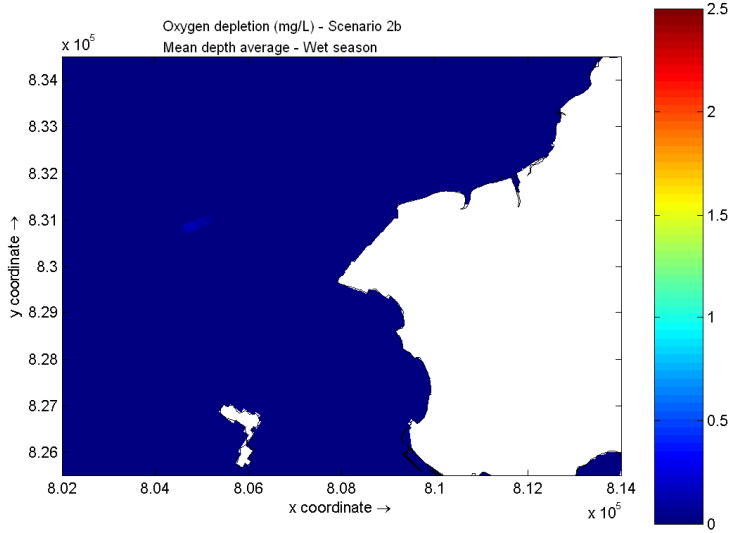




**Scenario 2a – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

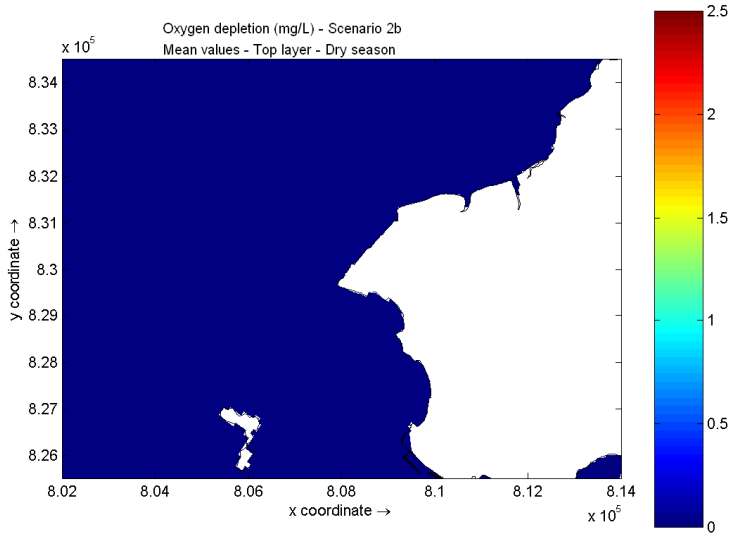


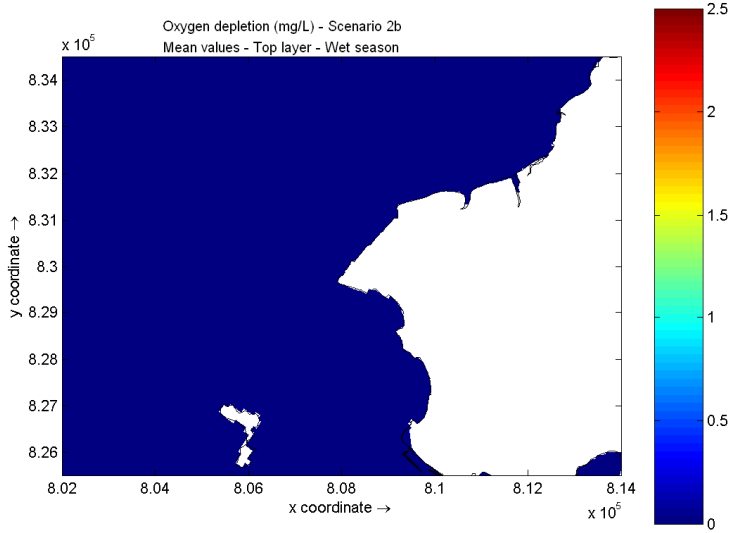




**Scenario 2b – Depth averaged**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

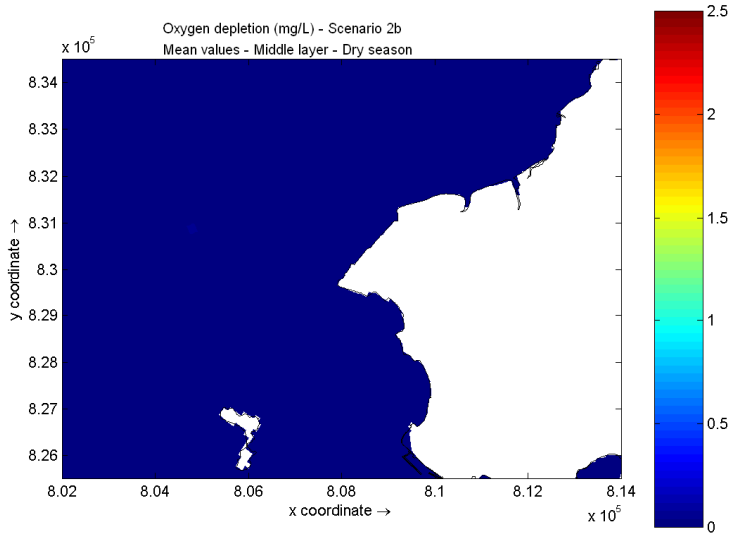


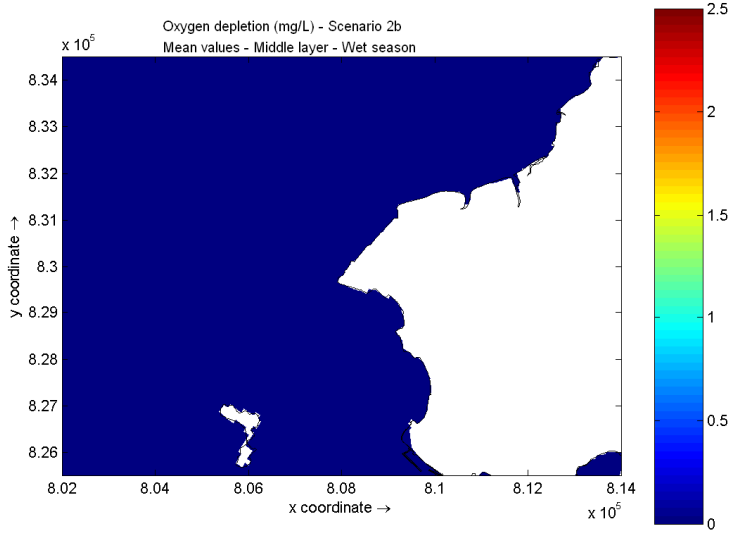




**Scenario 2b – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

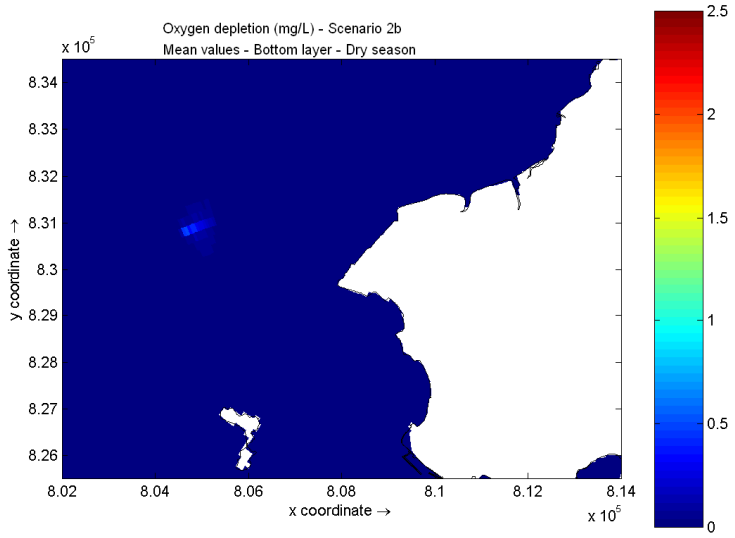


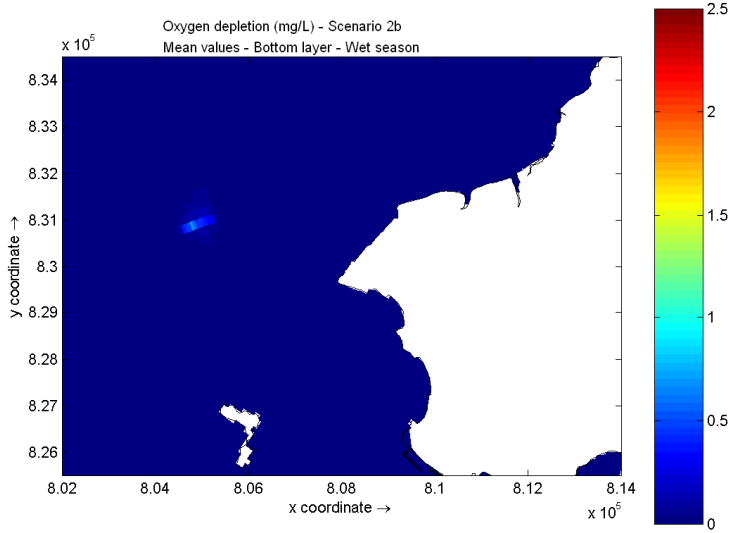




**Scenario 2b – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

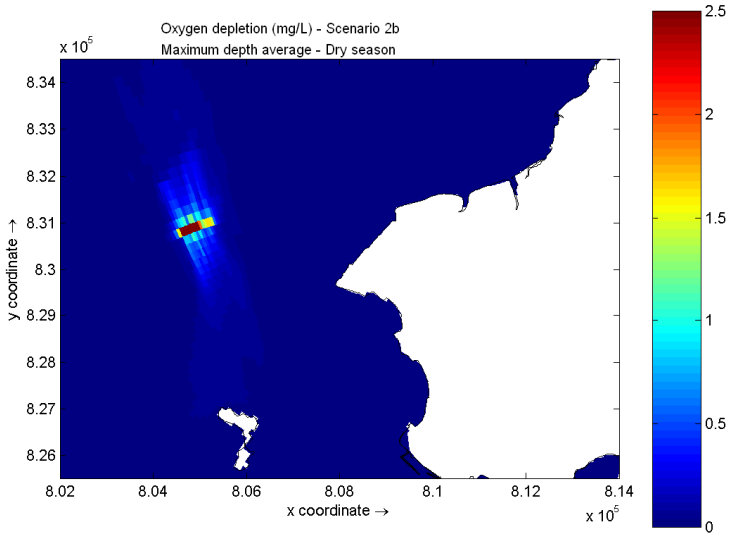


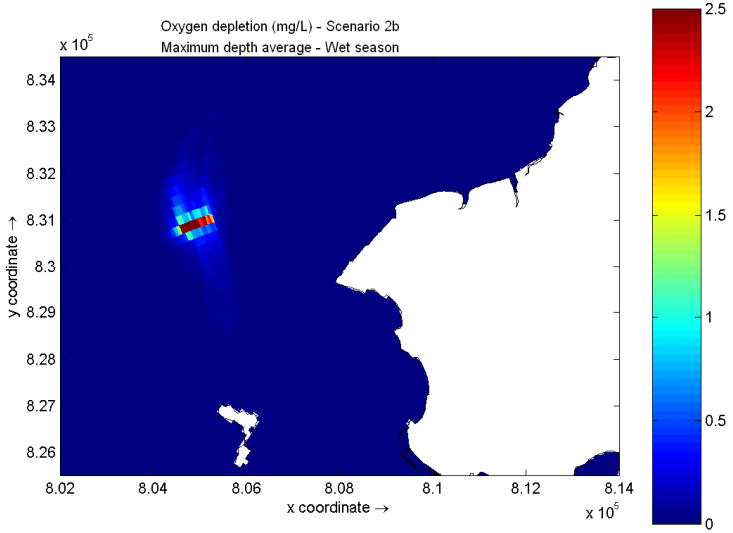




**Scenario 2b – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

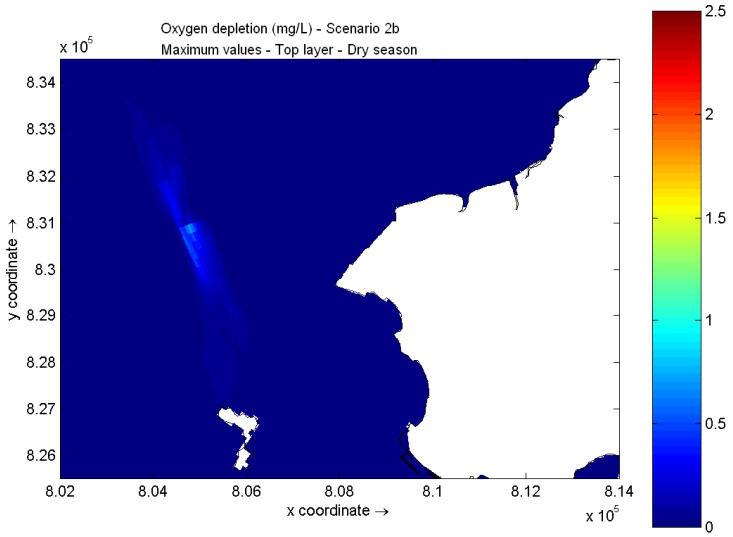


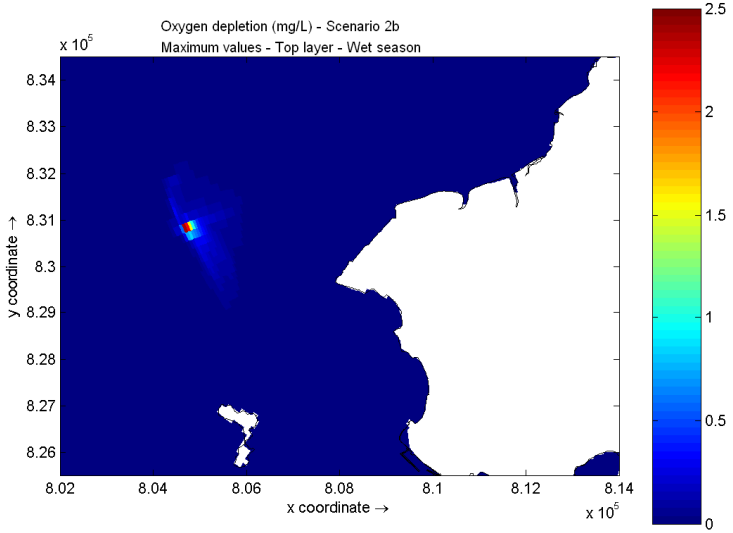




**Scenario 2b – Depth averaged**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

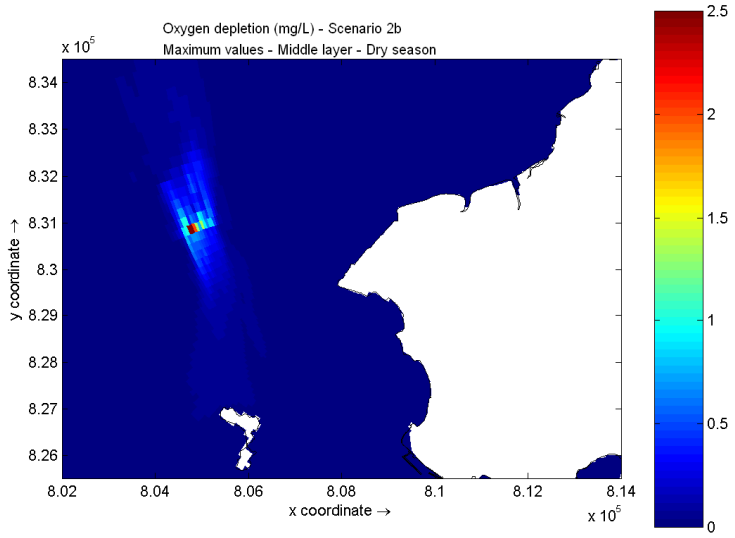


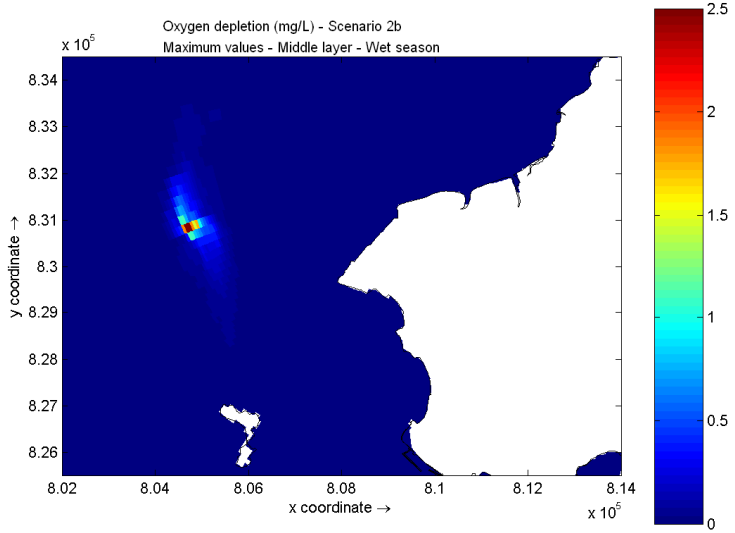




**Scenario 2b – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

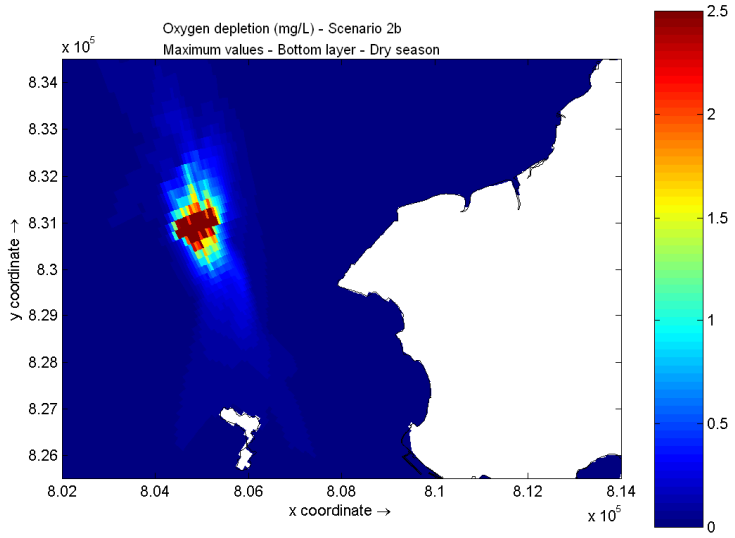


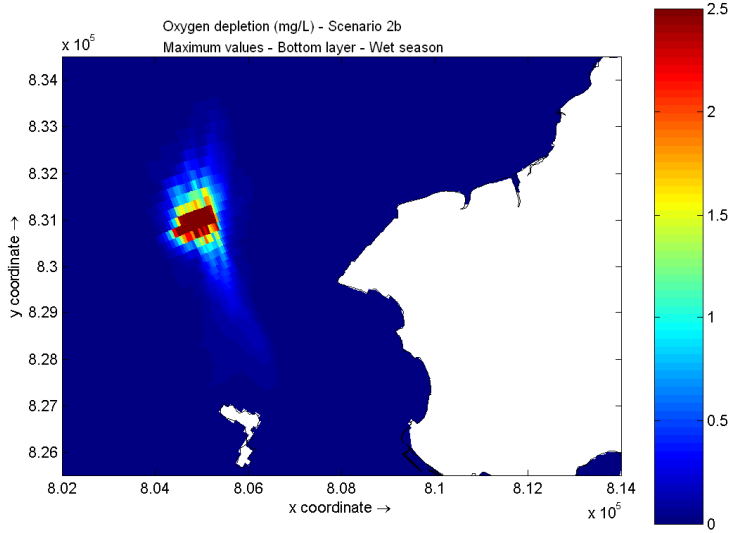




**Scenario 2b – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

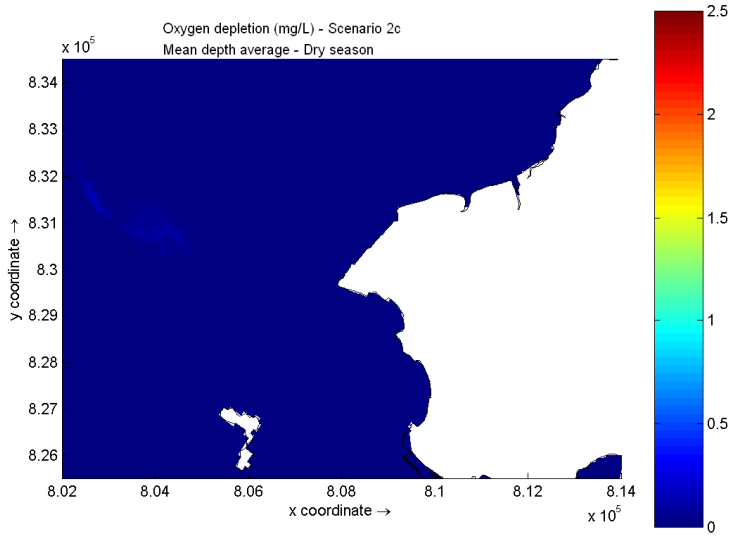


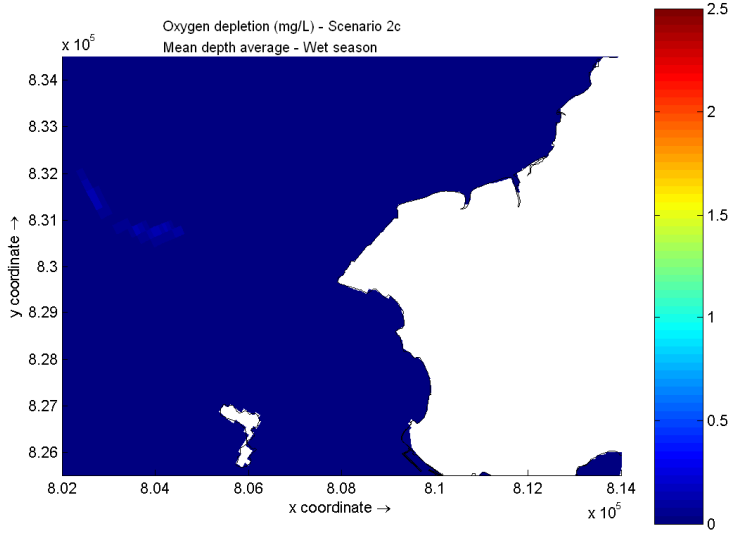




**Scenario 2b –Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

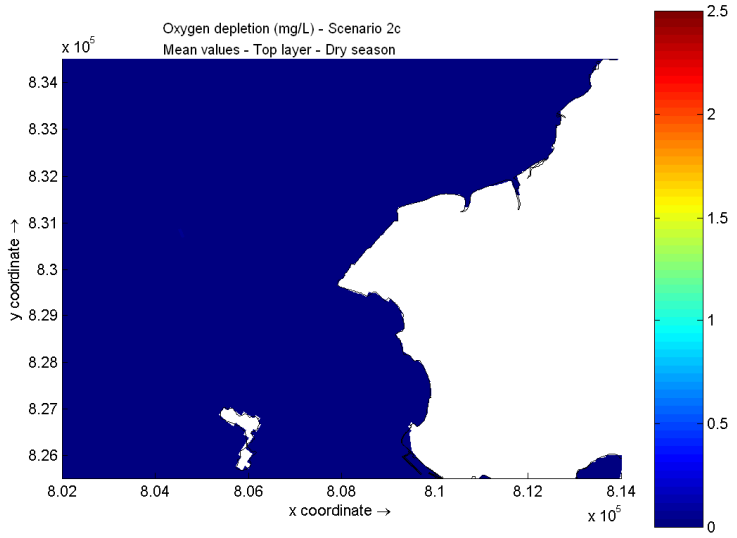


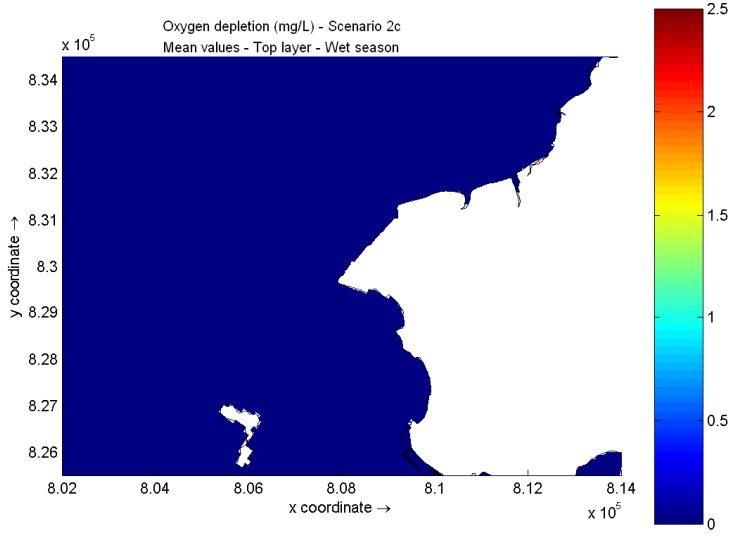




**Scenario 2c – Depth averaged**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

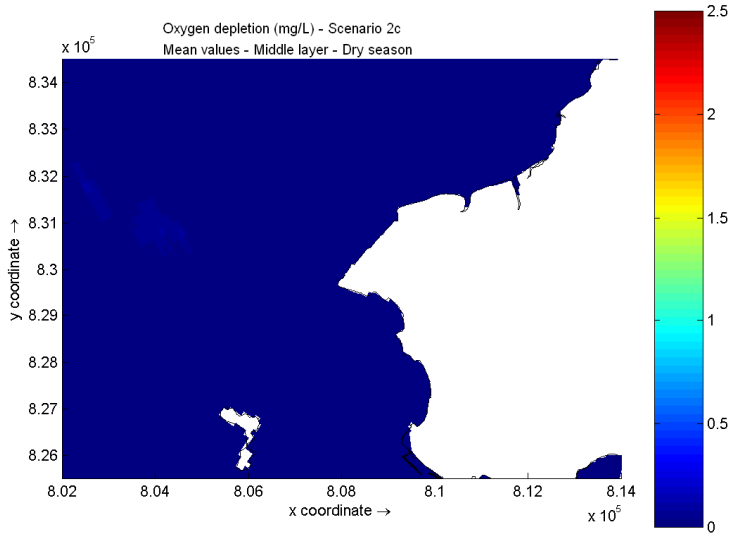


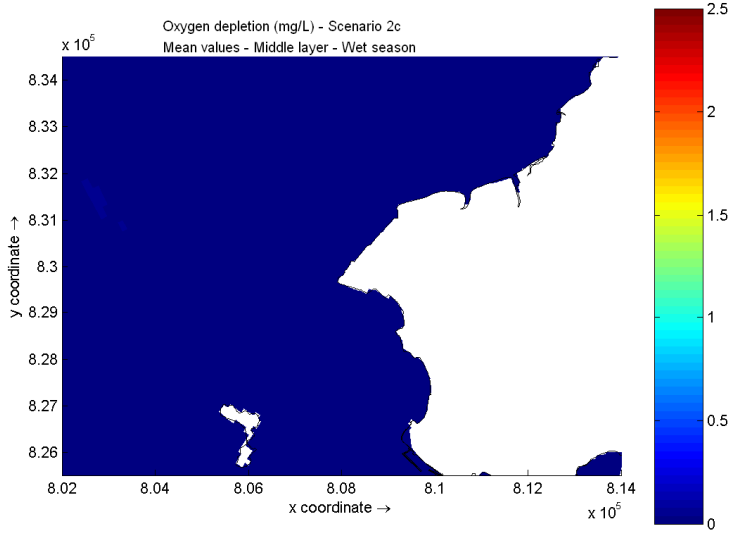




**Scenario 2c – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

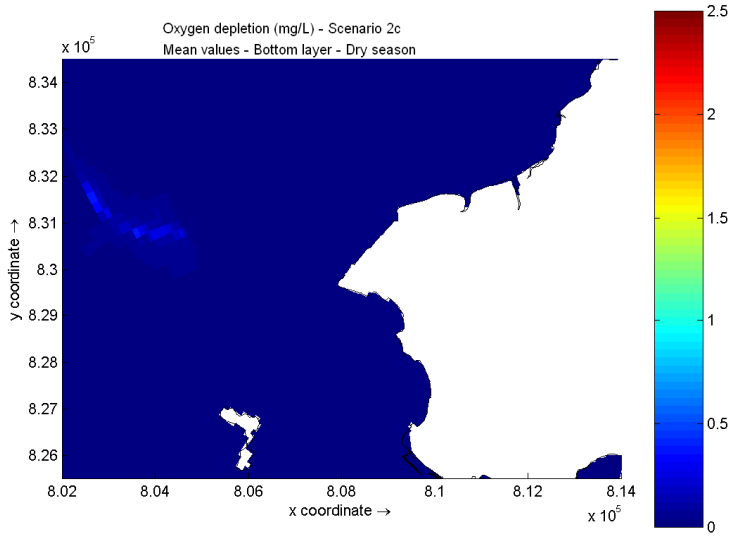


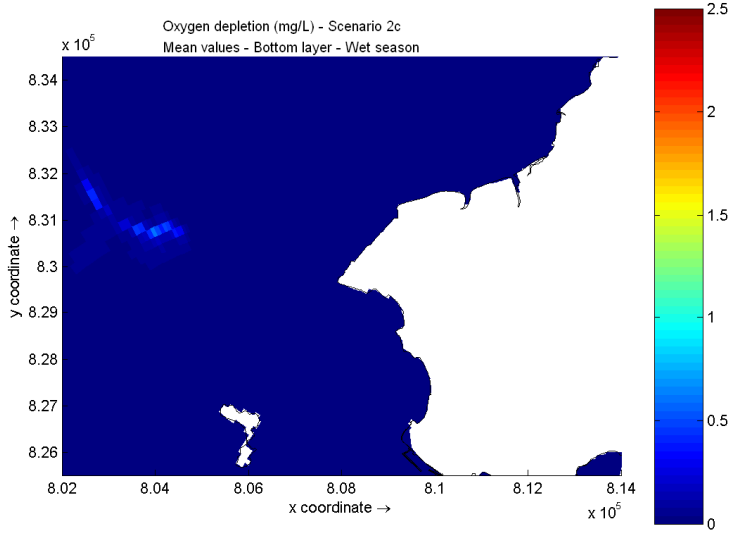




**Scenario 2c – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

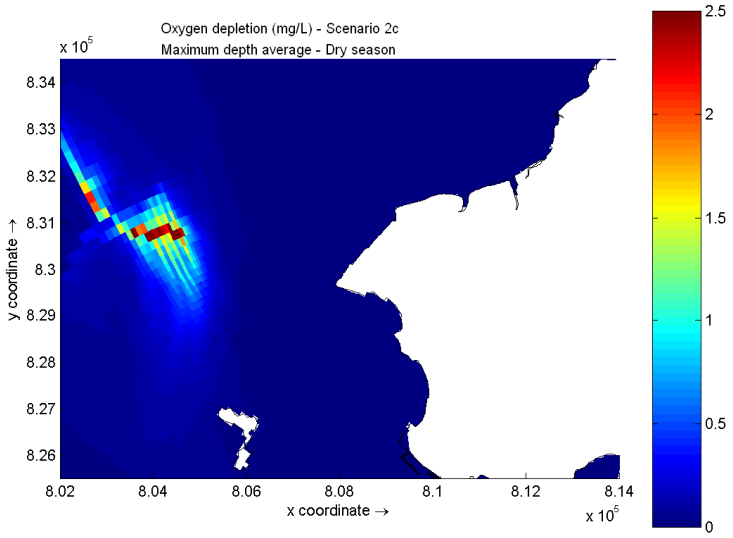


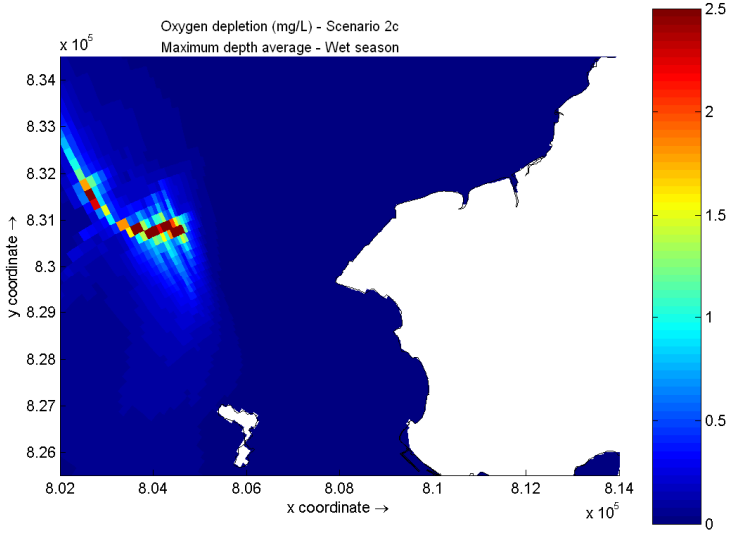




**Scenario 2c – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

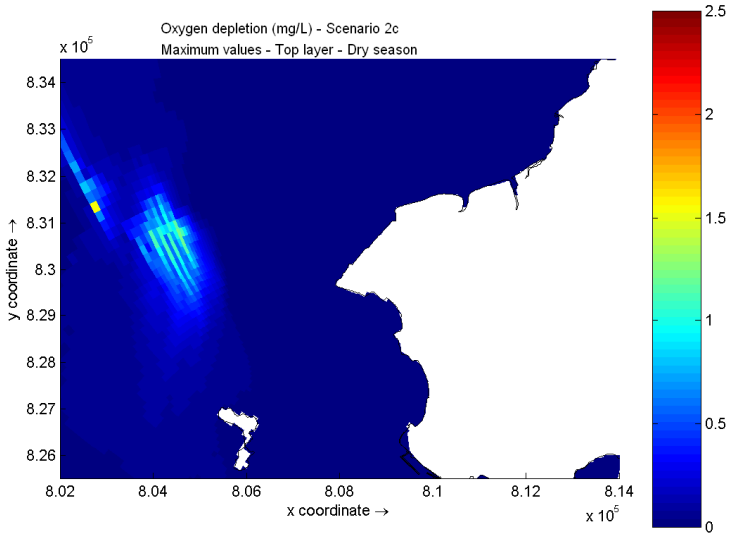


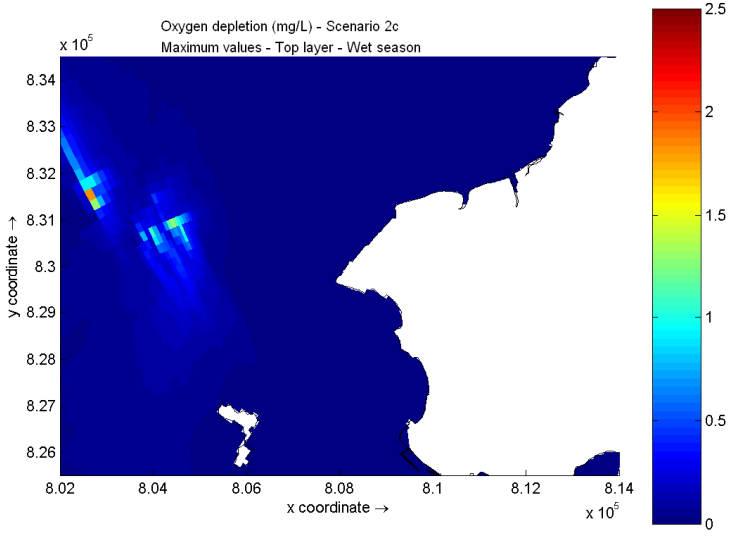




**Scenario 2c – Depth averaged**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

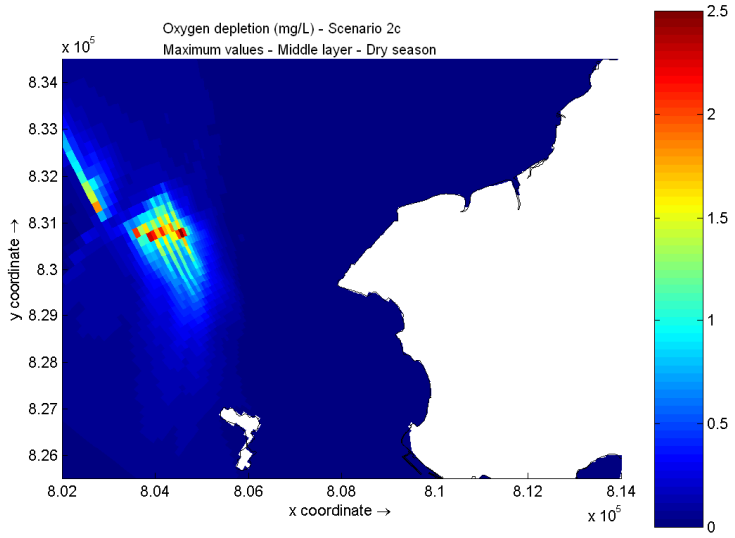


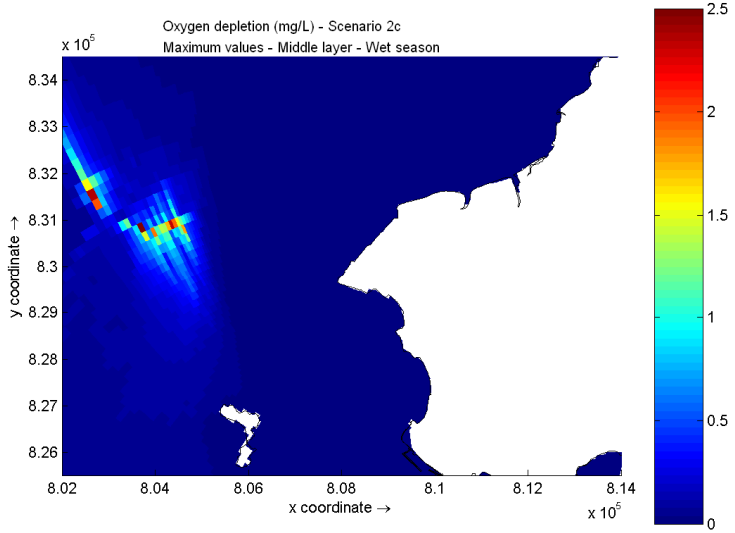




**Scenario 2c – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

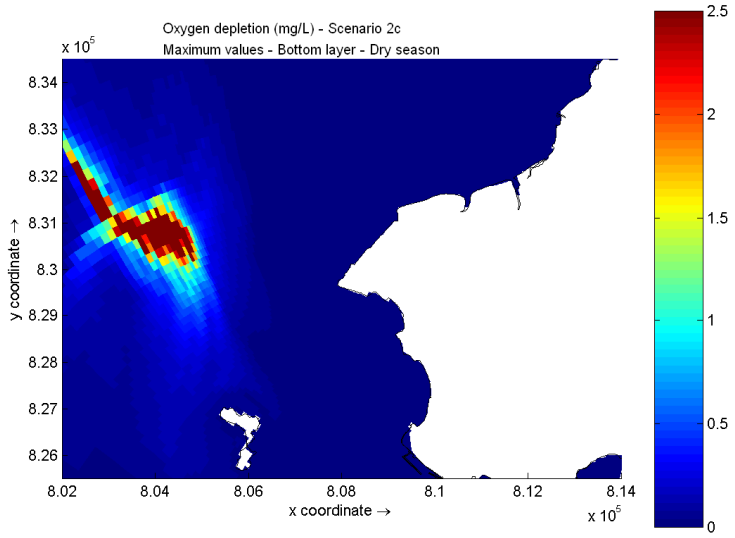


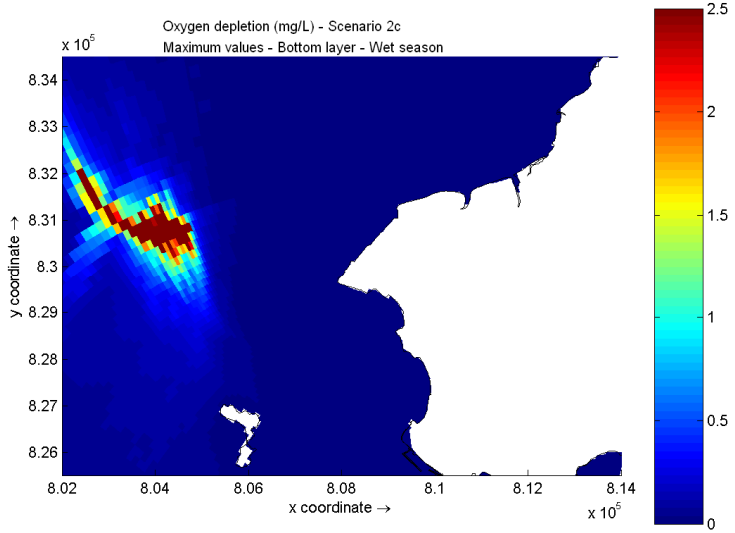




**Scenario 2c – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

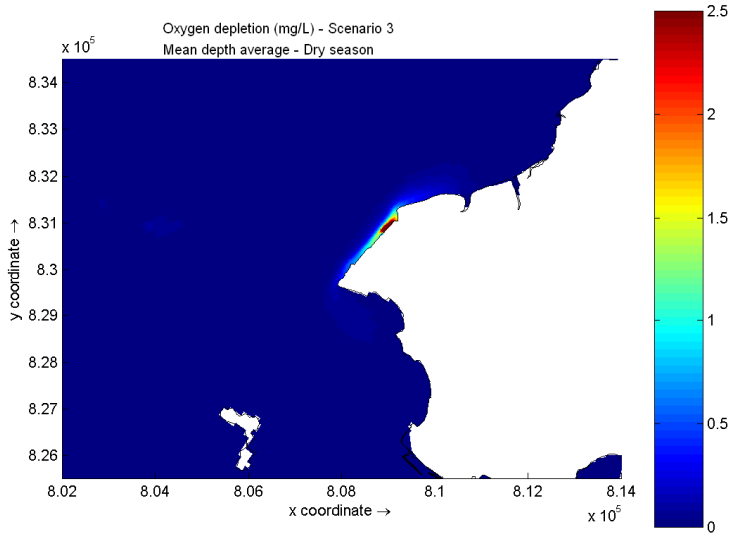


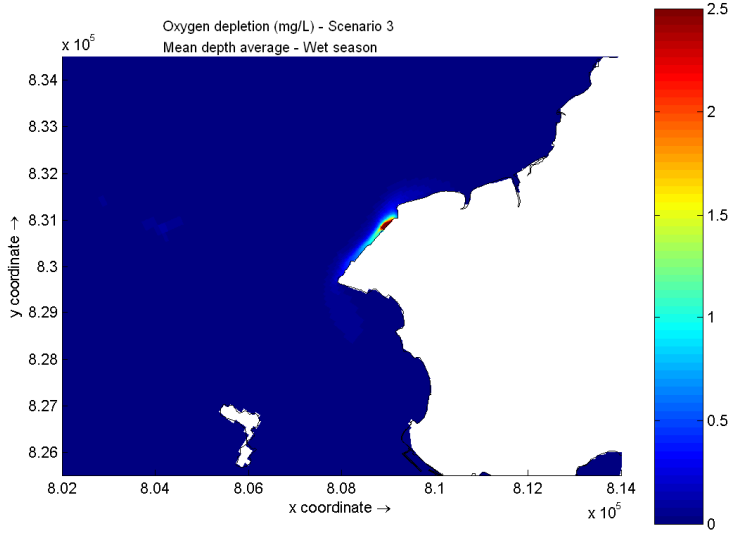




**Scenario 2c –Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

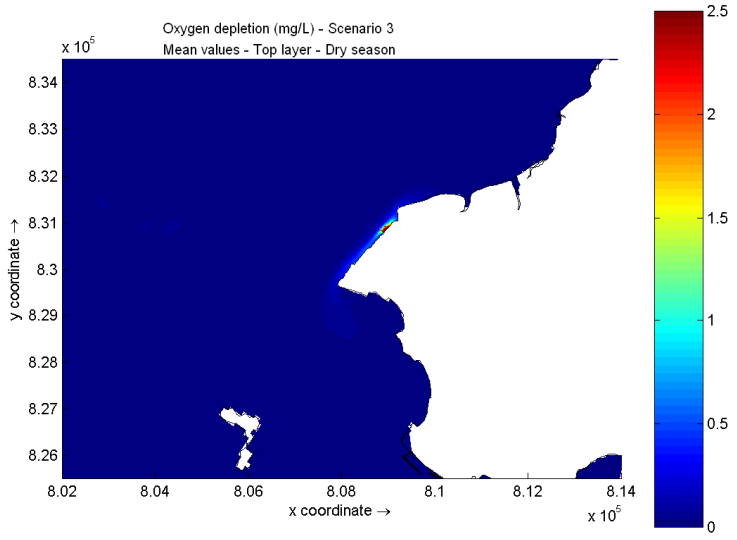


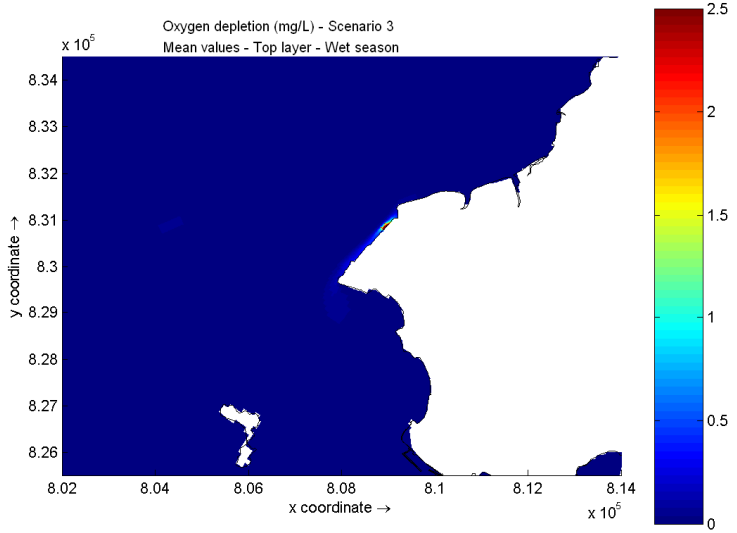




**Scenario 3 – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

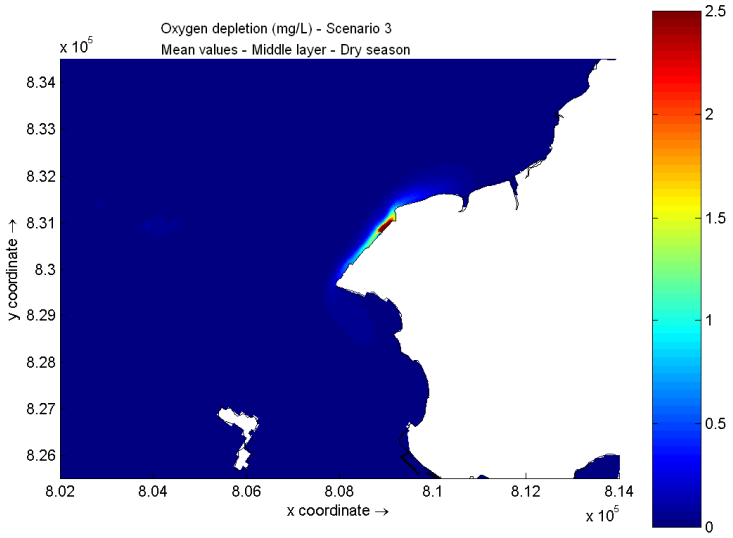


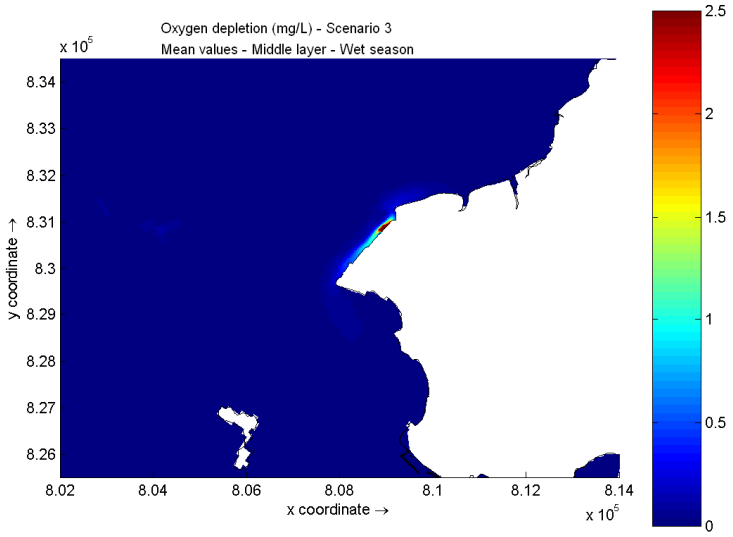




**Scenario 3 – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

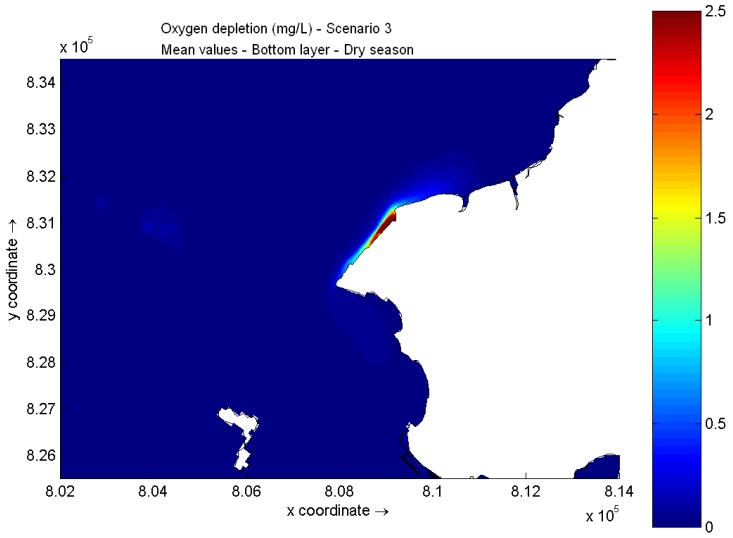


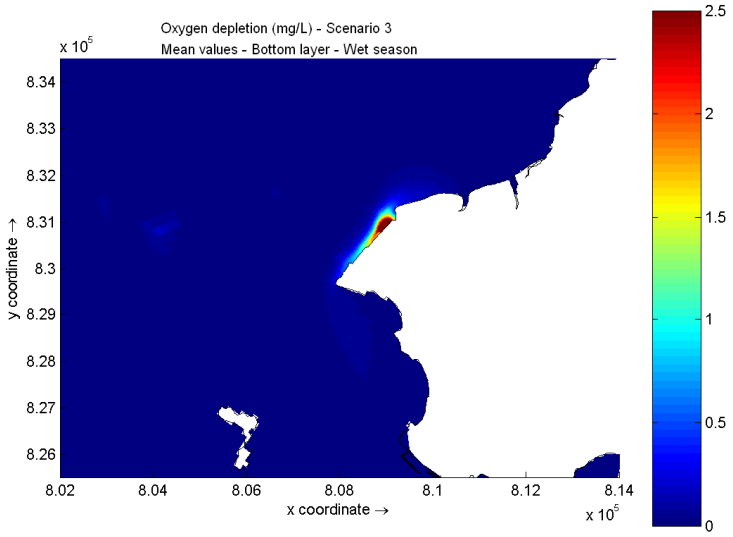




**Scenario 3 – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

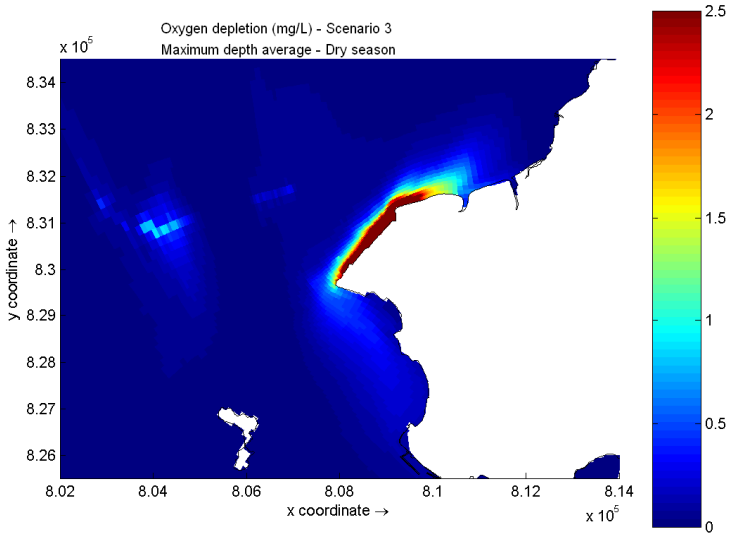


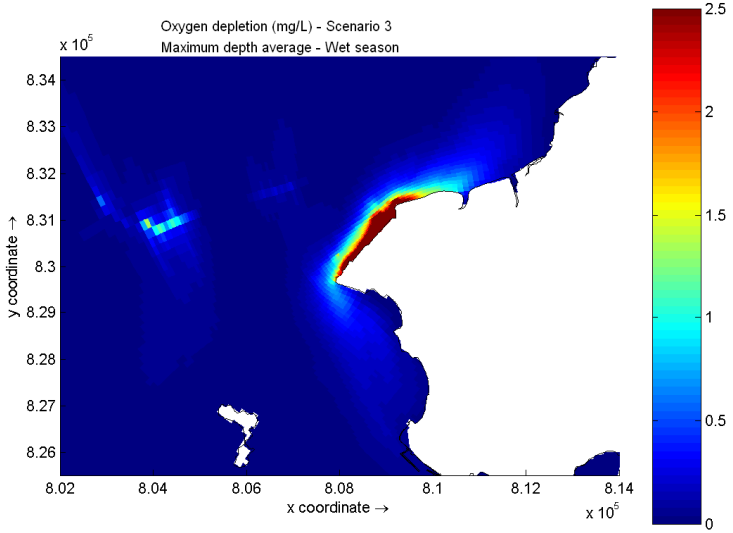




**Scenario 3 – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

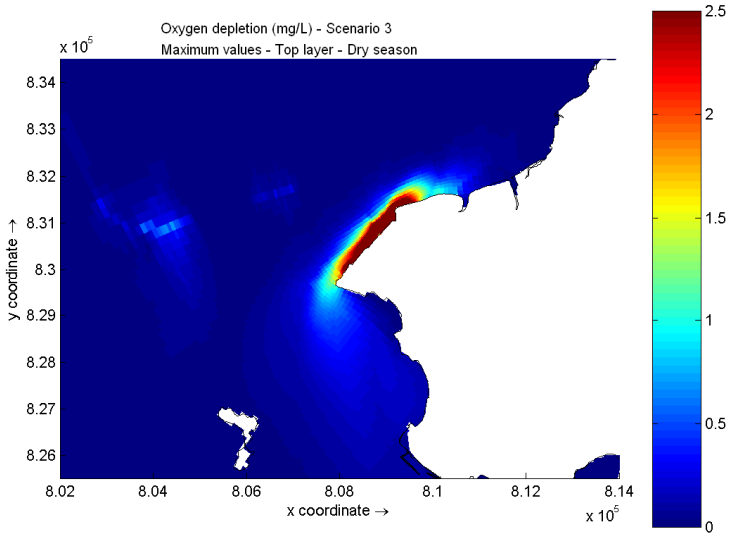


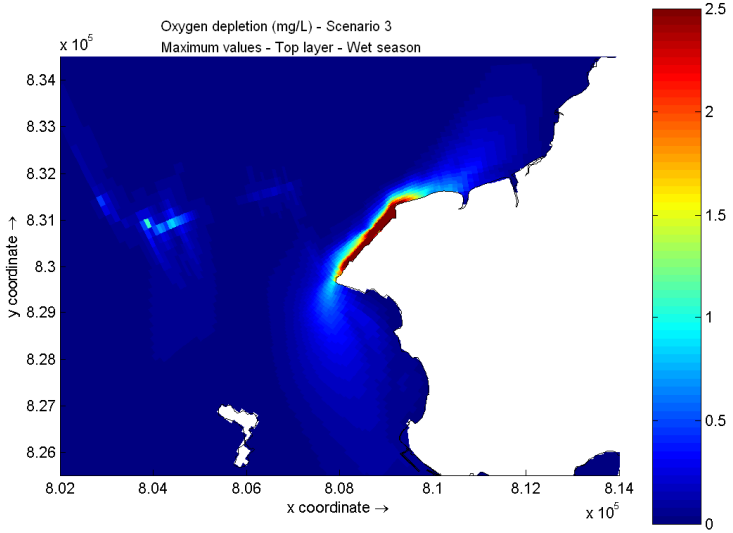




**Scenario 3 – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

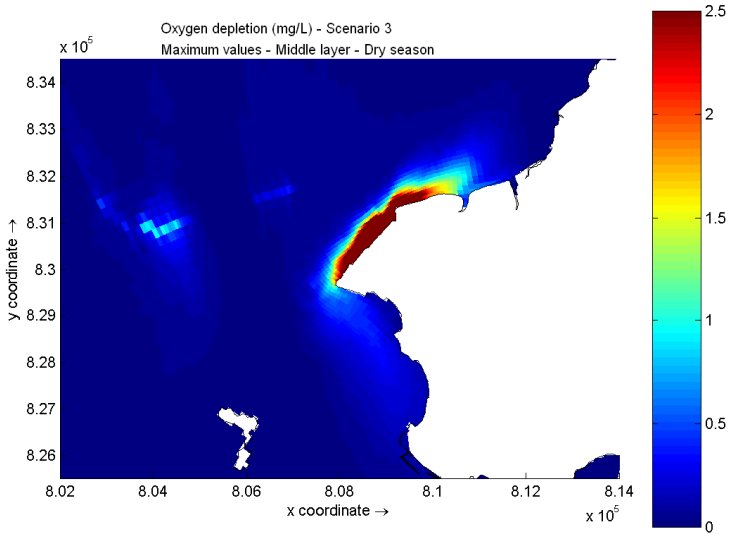


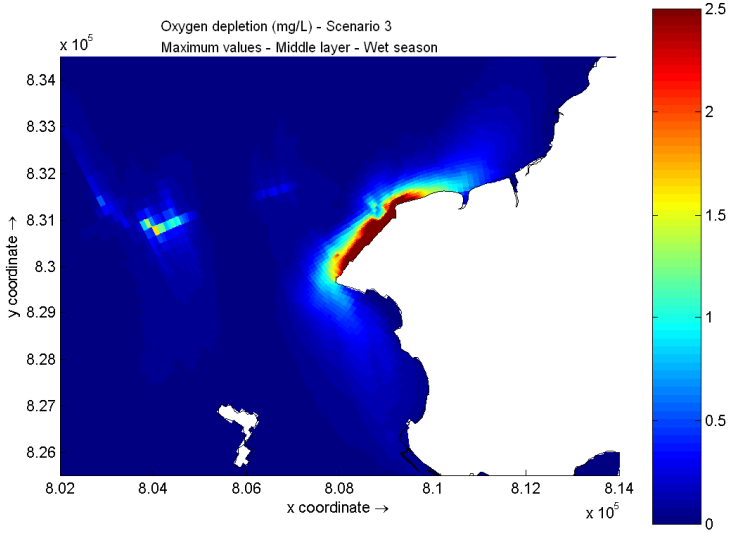




**Scenario 3 – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

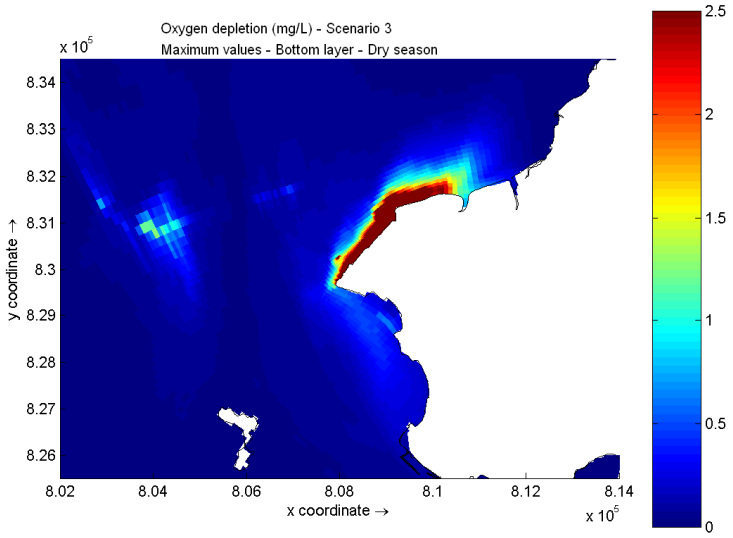


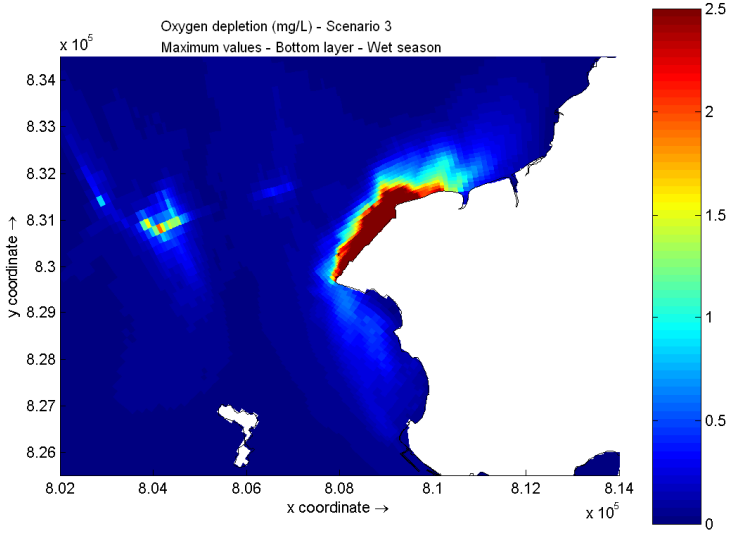




**Scenario 3 – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

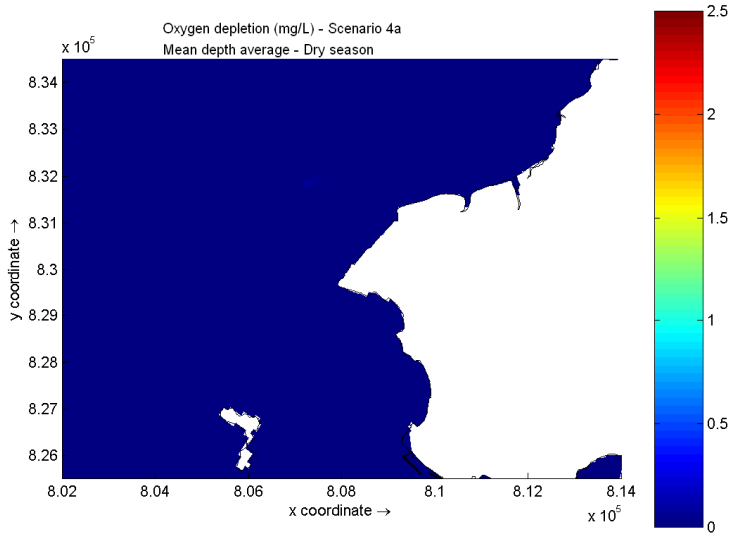


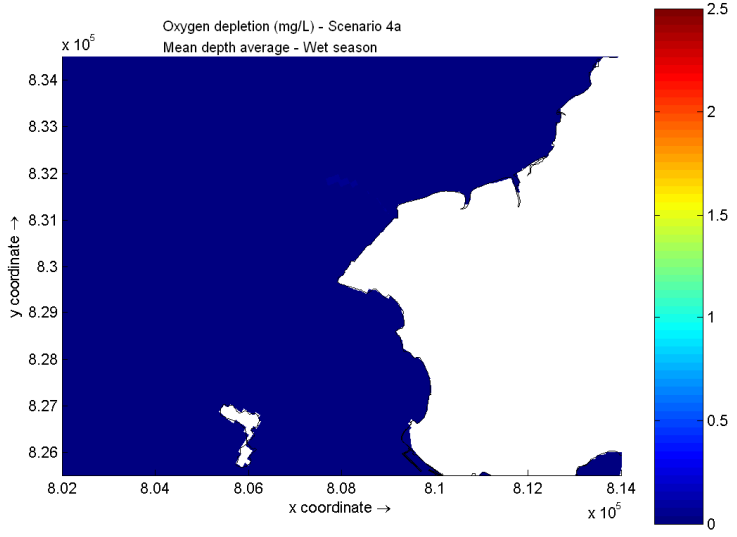




**Scenario 3 – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

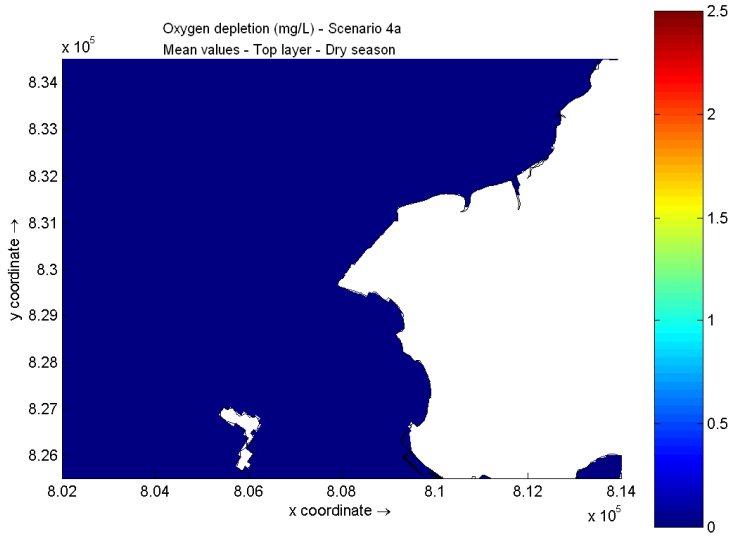


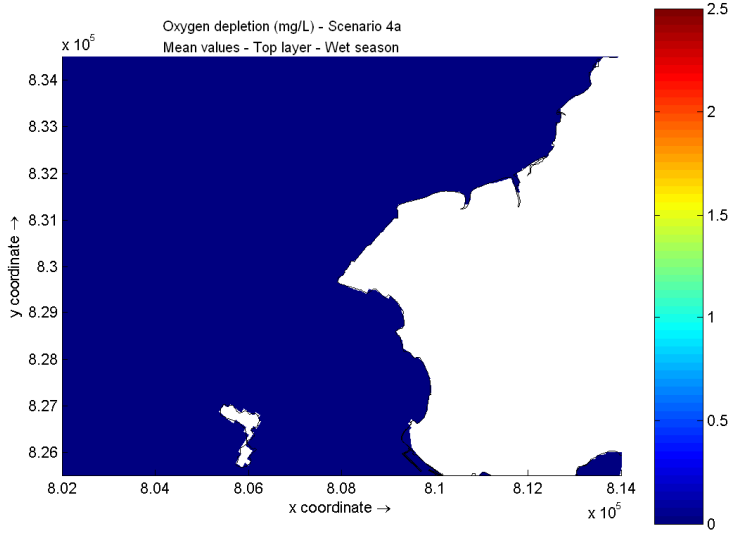




**Scenario 4a – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

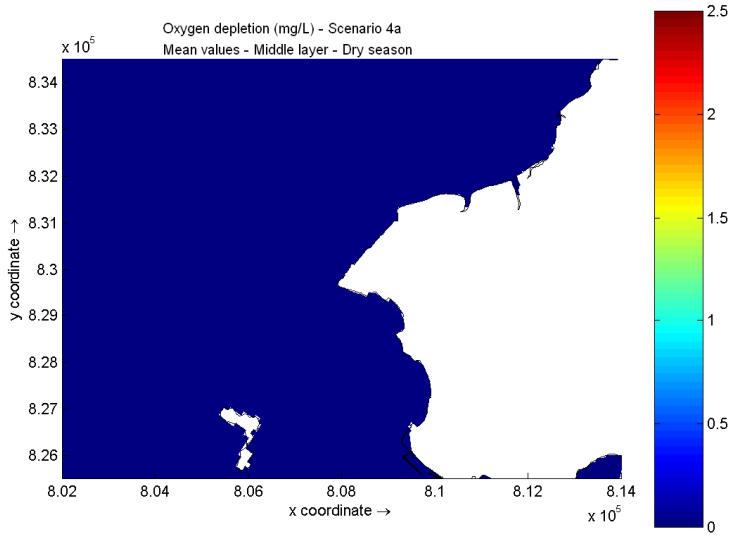


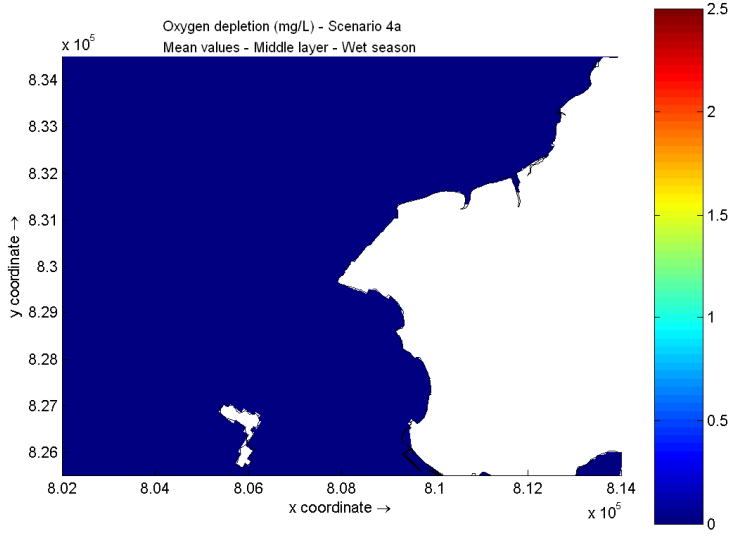




**Scenario 4a – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

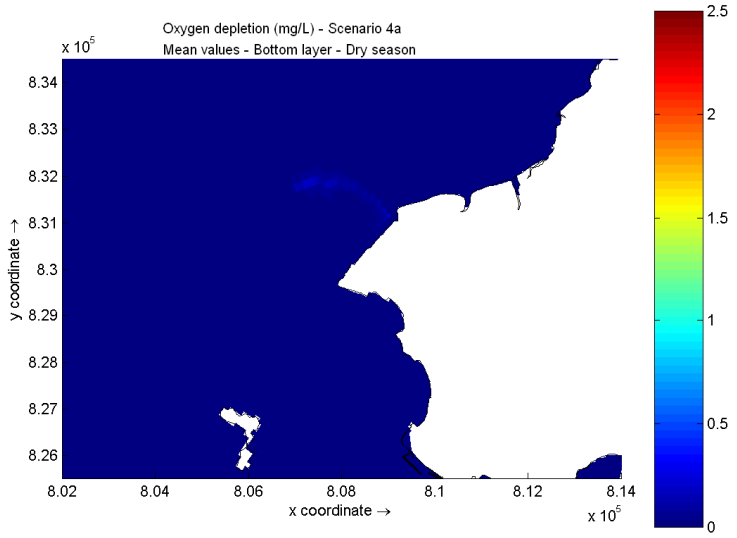


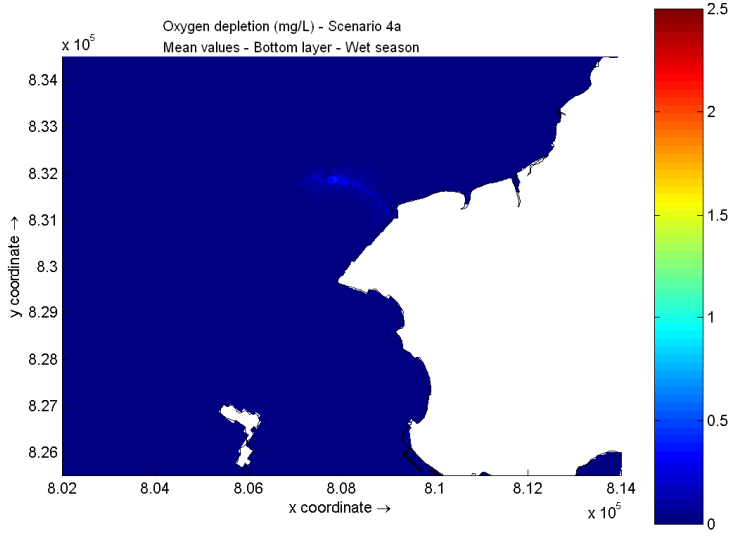




**Scenario 4a– Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

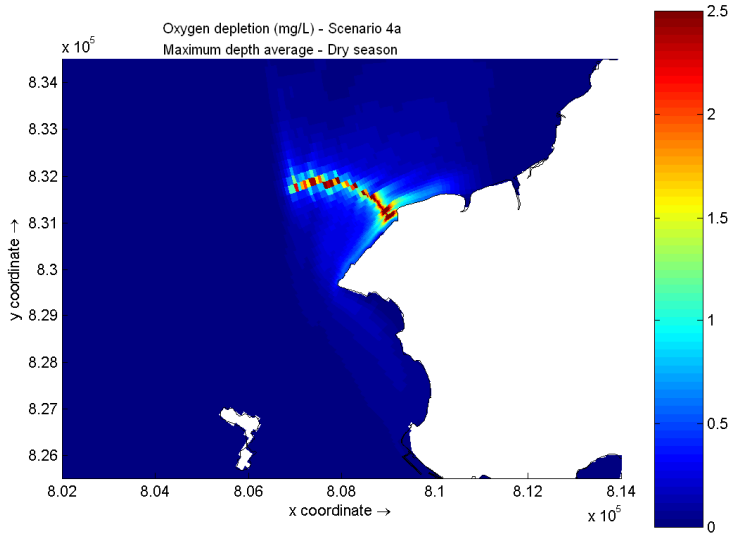


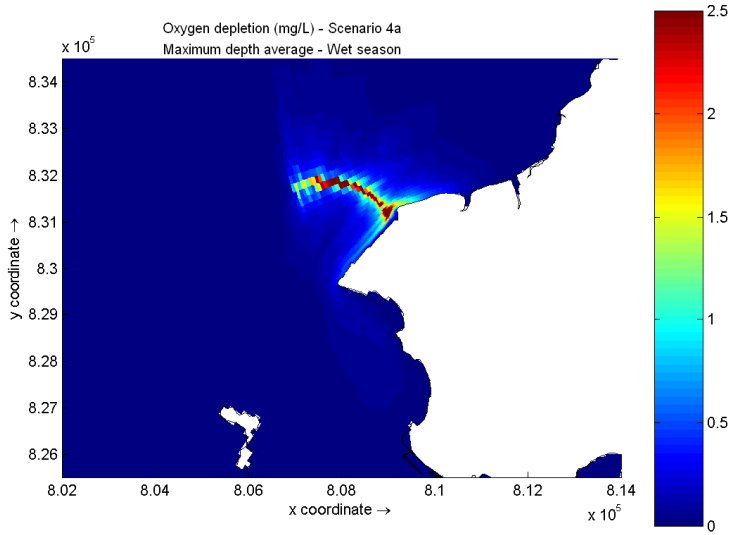




**Scenario 4a – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

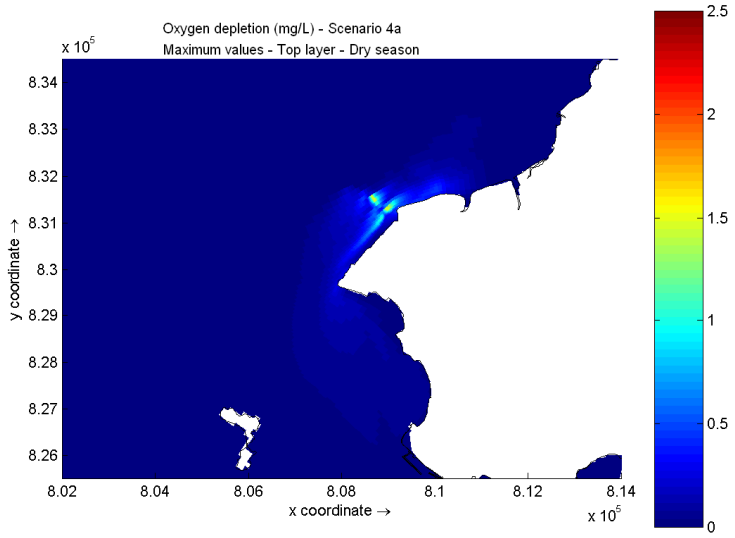


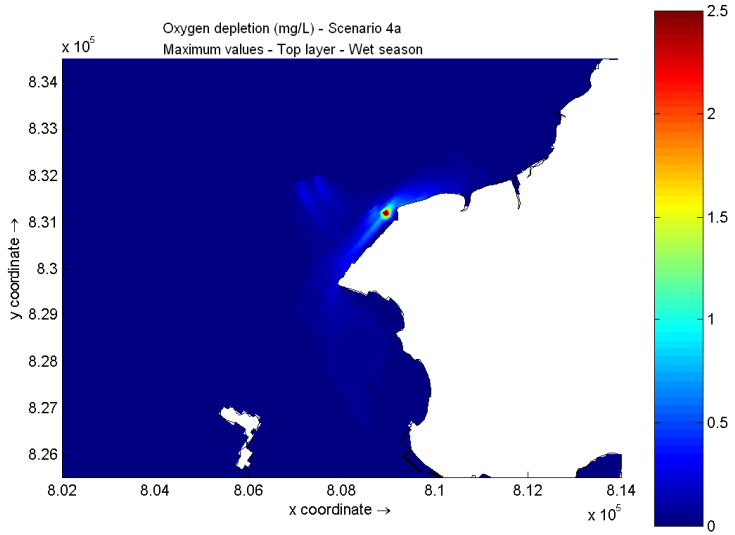




**Scenario 4a – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

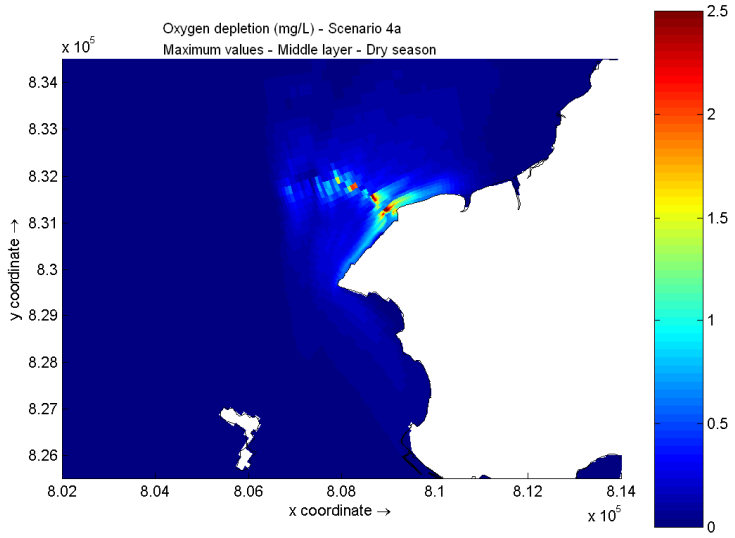


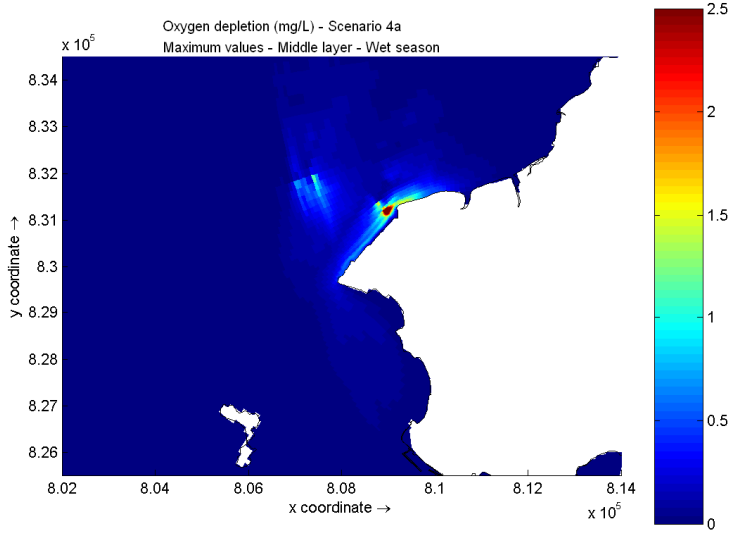




**Scenario 4a – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

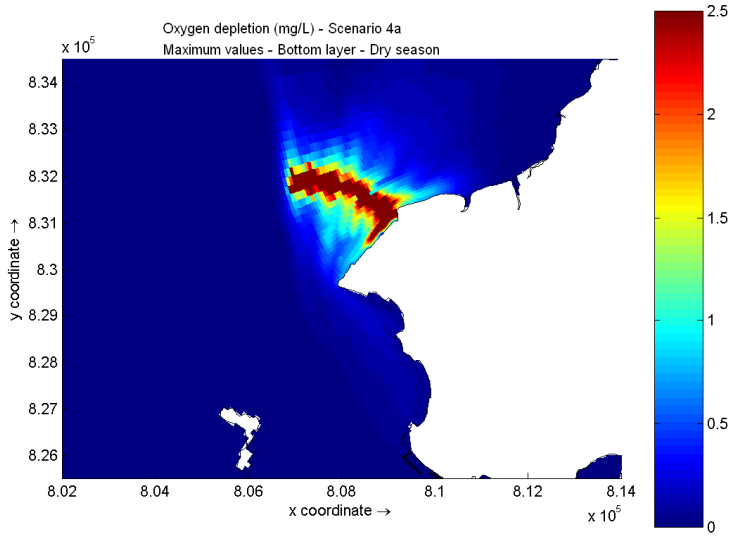


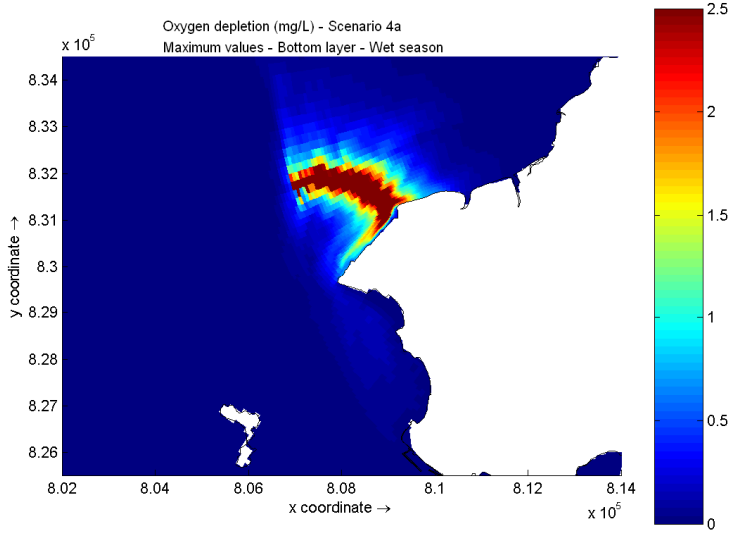




**Scenario 4a – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

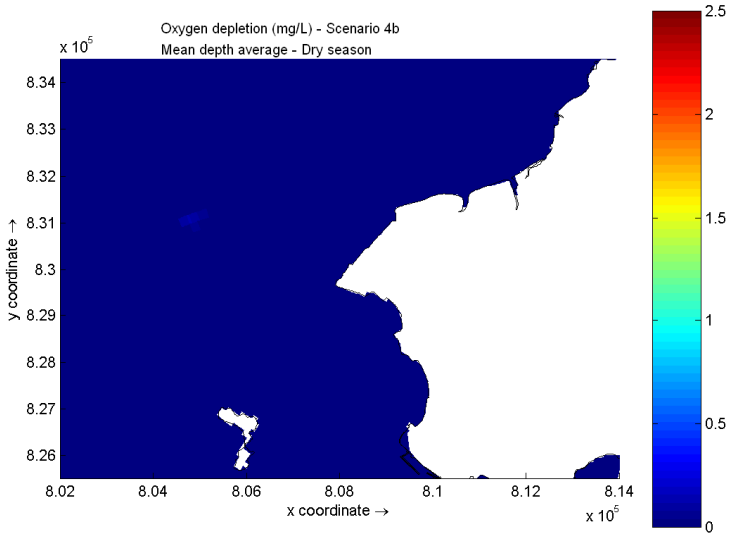


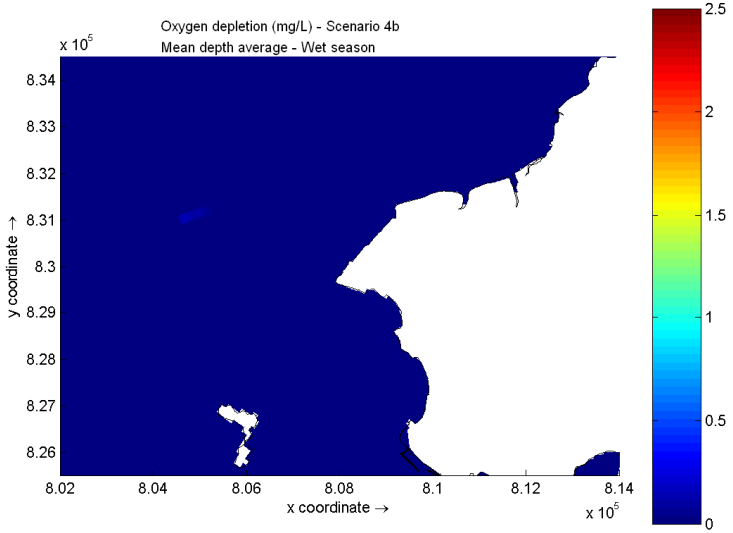




**Scenario 4a – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

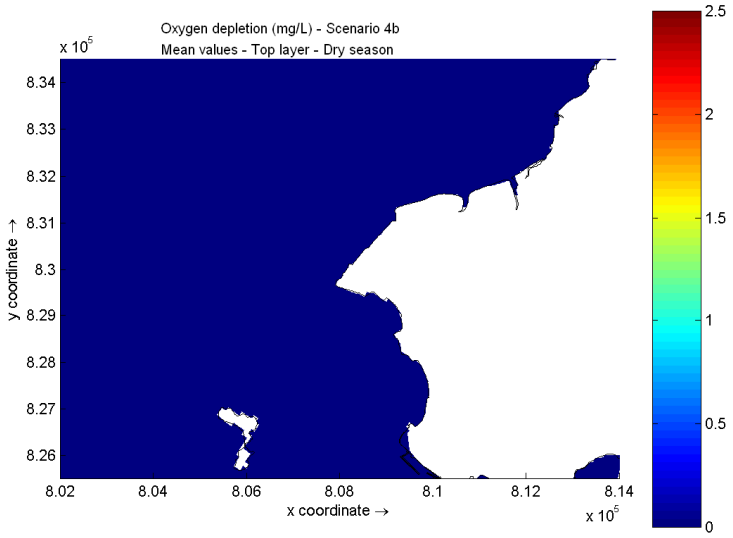


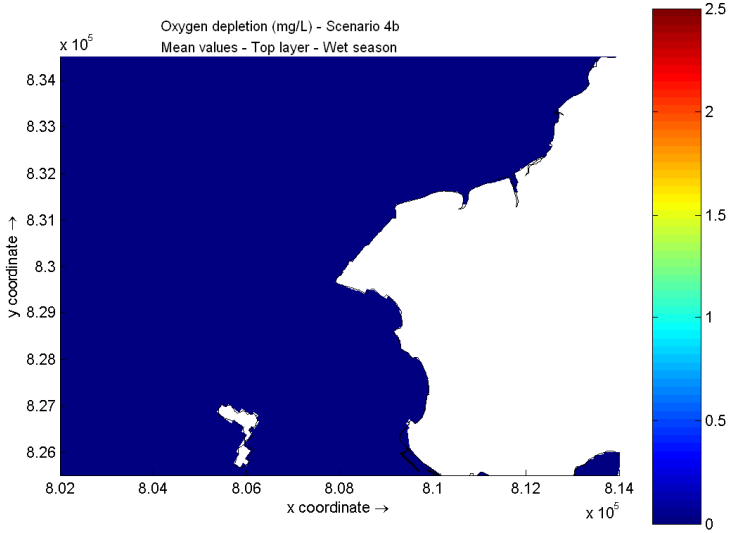




**Scenario 4b – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

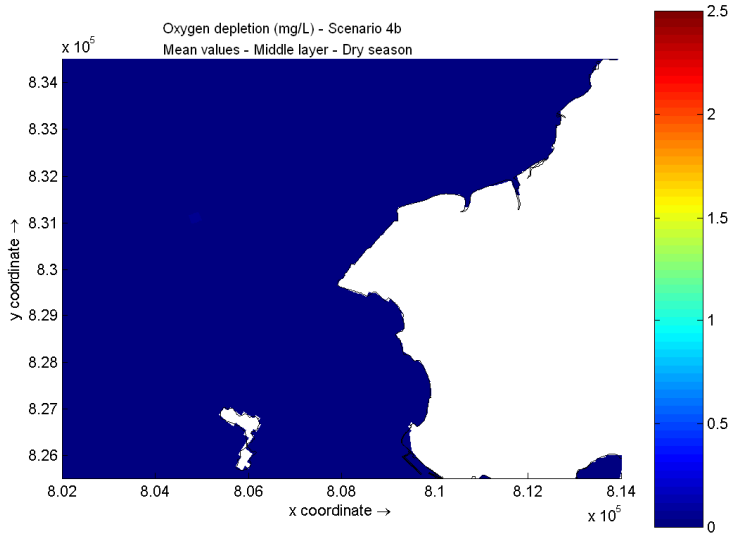


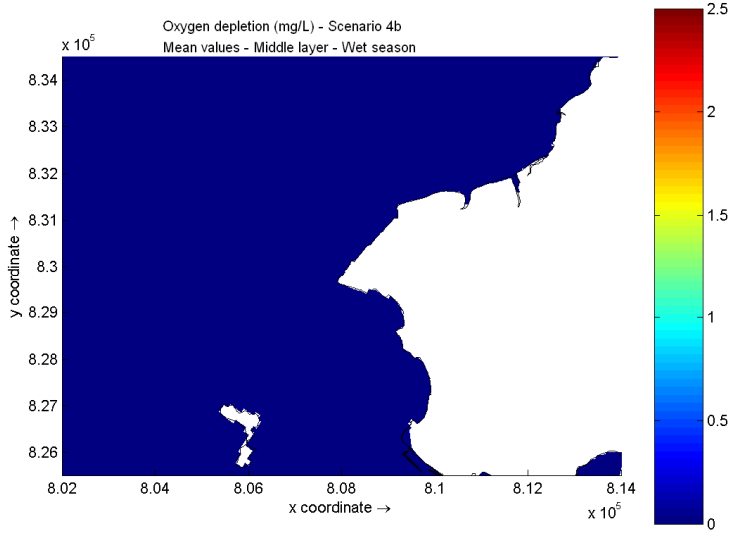




**Scenario 4b – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

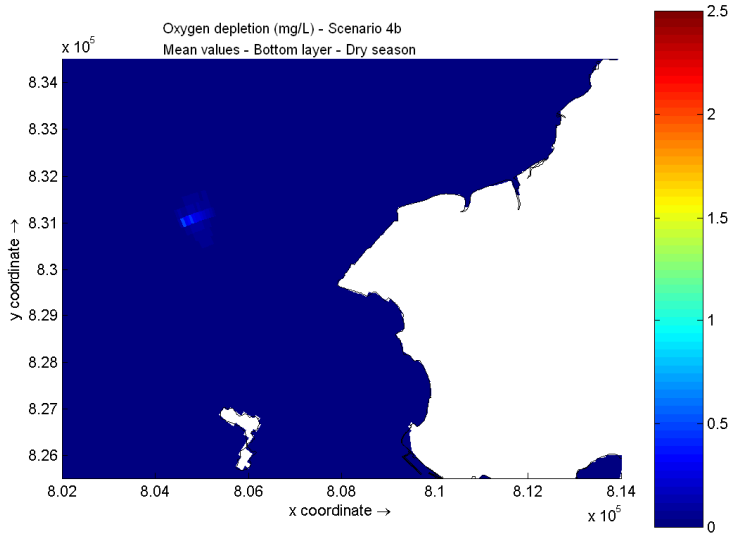


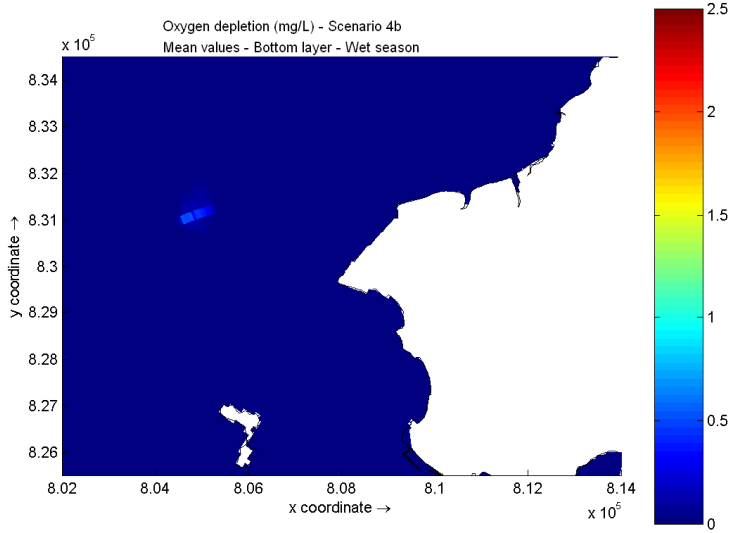




**Scenario 4b – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

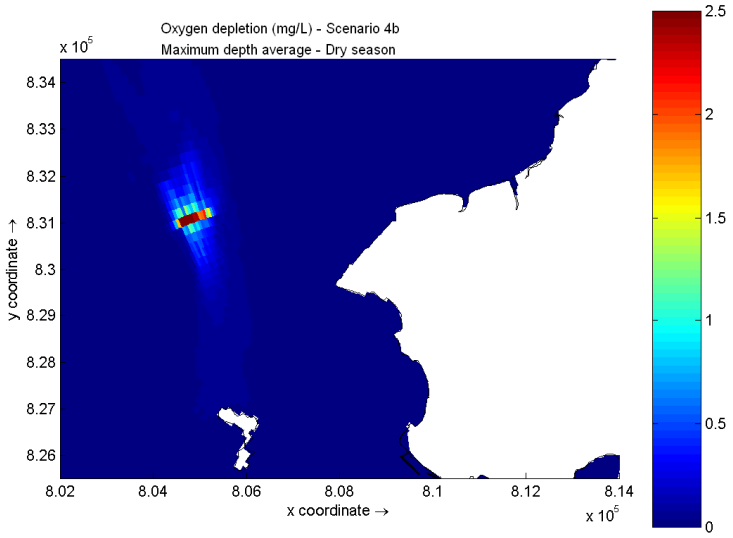


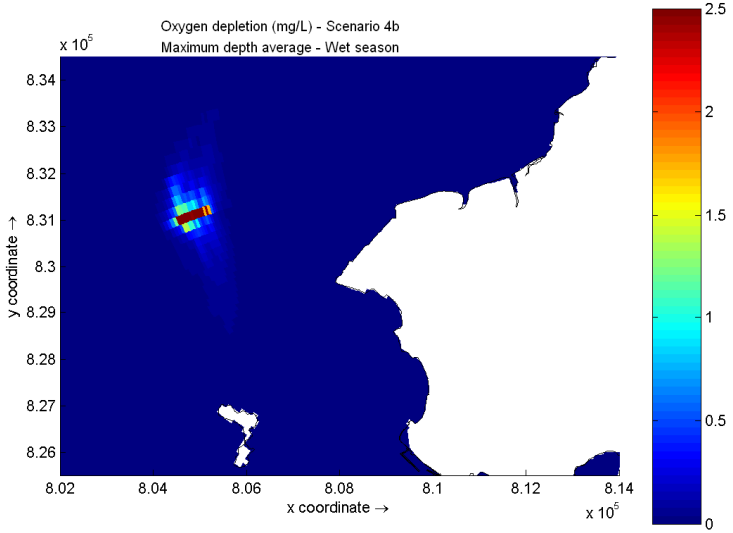




**Scenario 4b – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

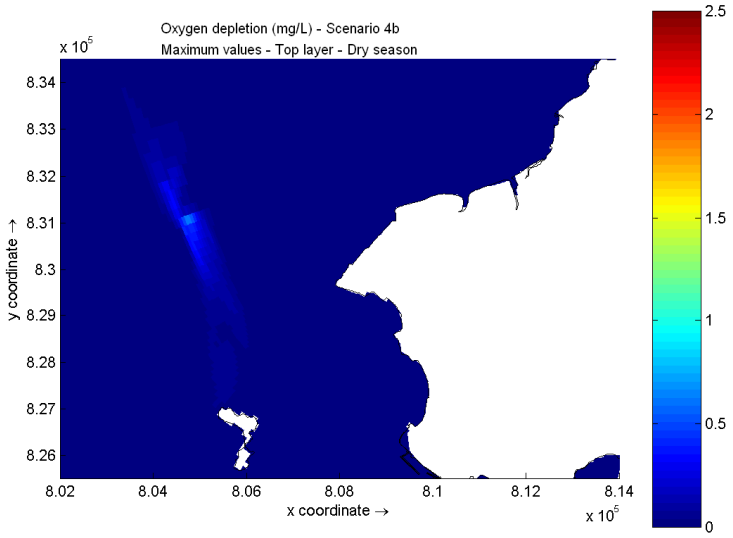


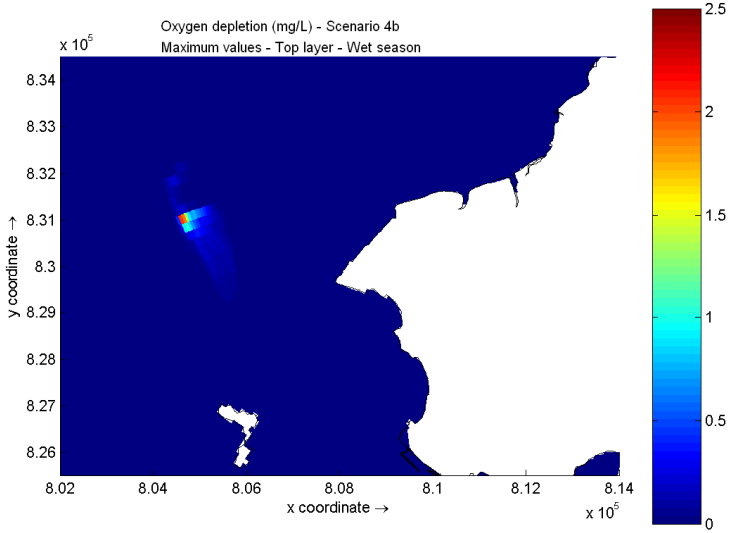




**Scenario 4b – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

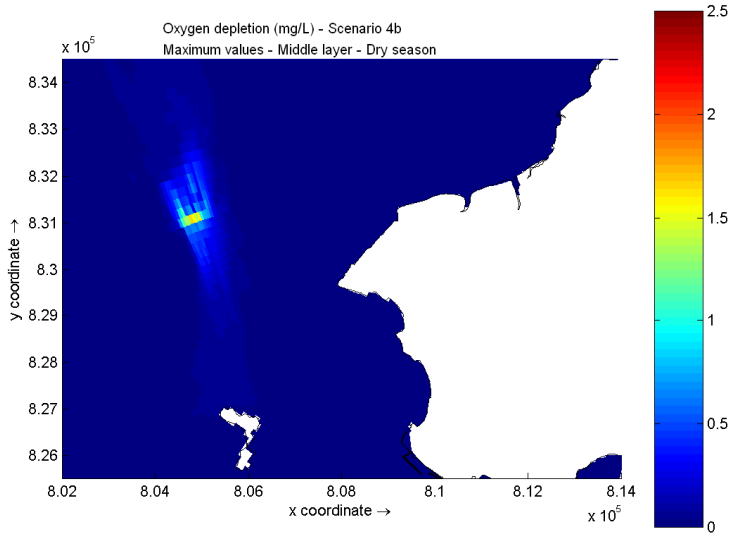


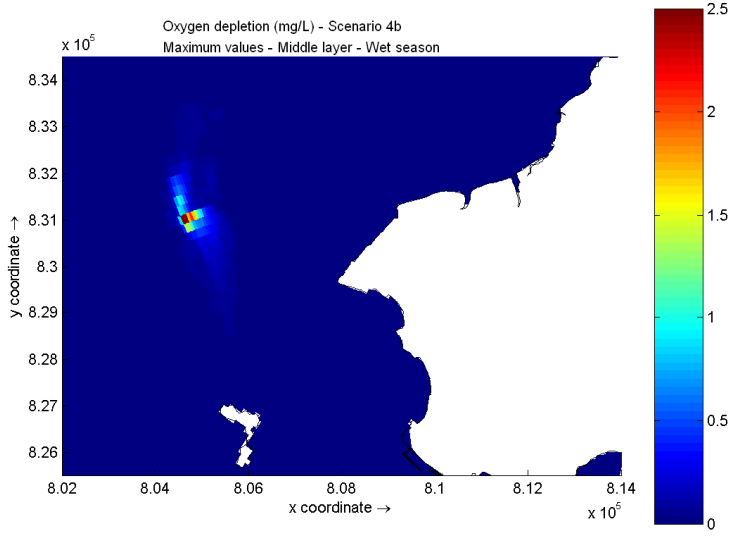




**Scenario 4b – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

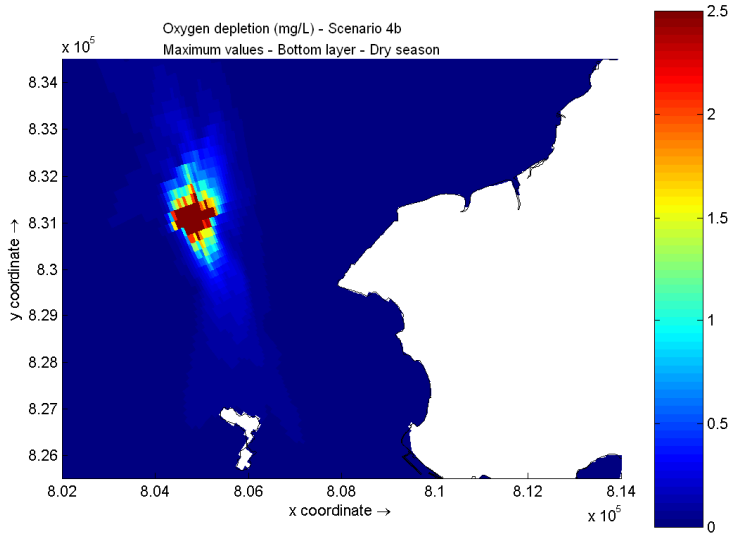


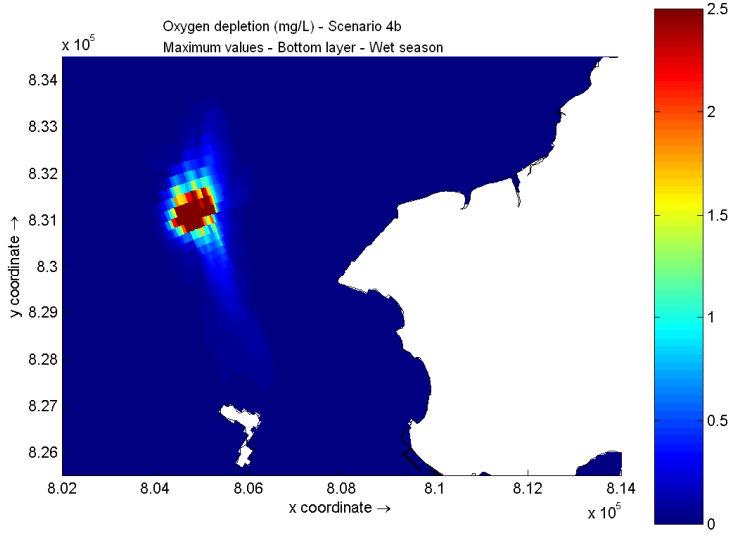




**Scenario 4b – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

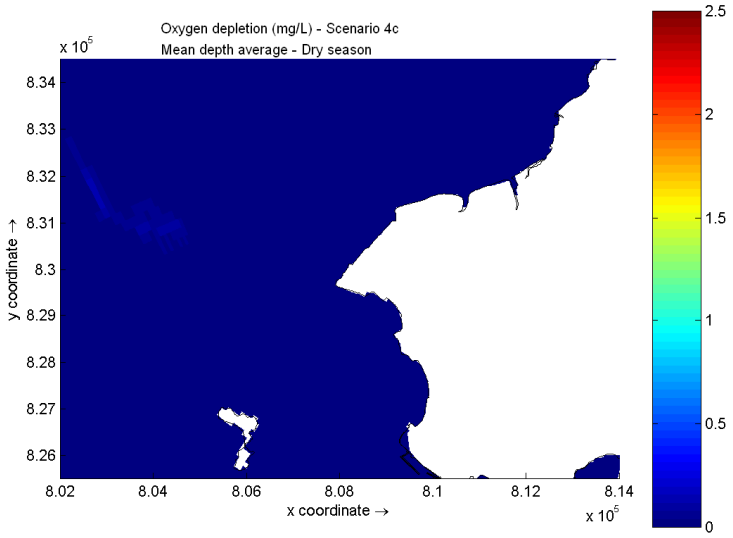


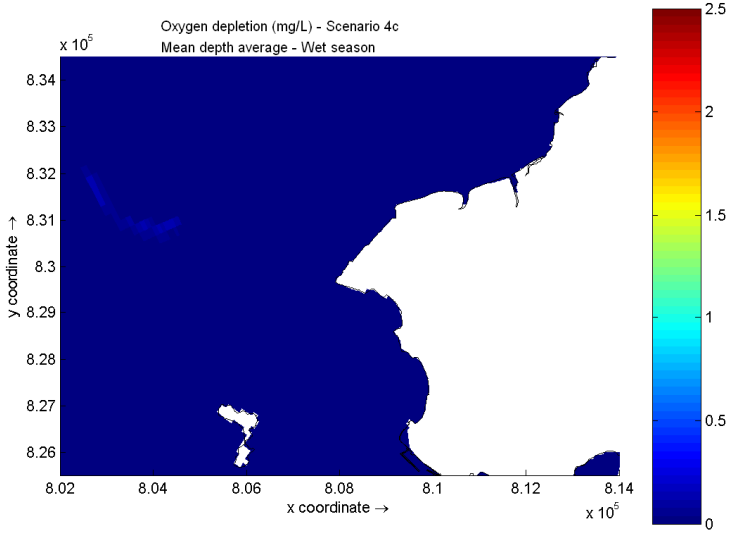




**Scenario 4b – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

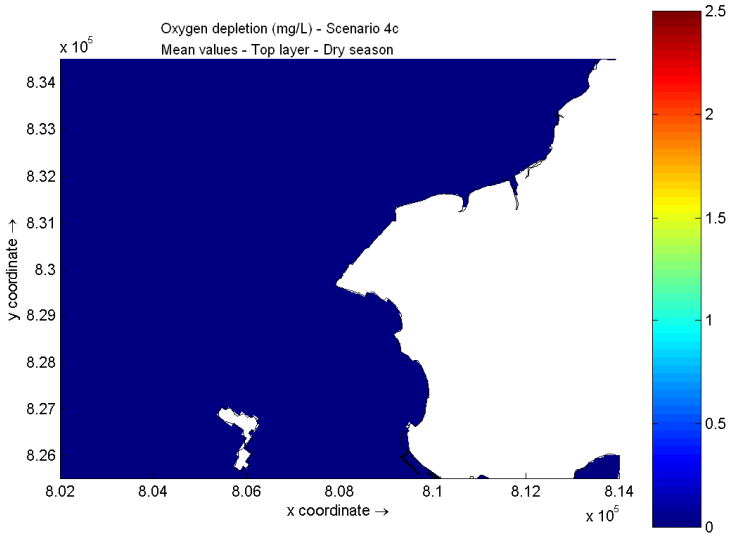


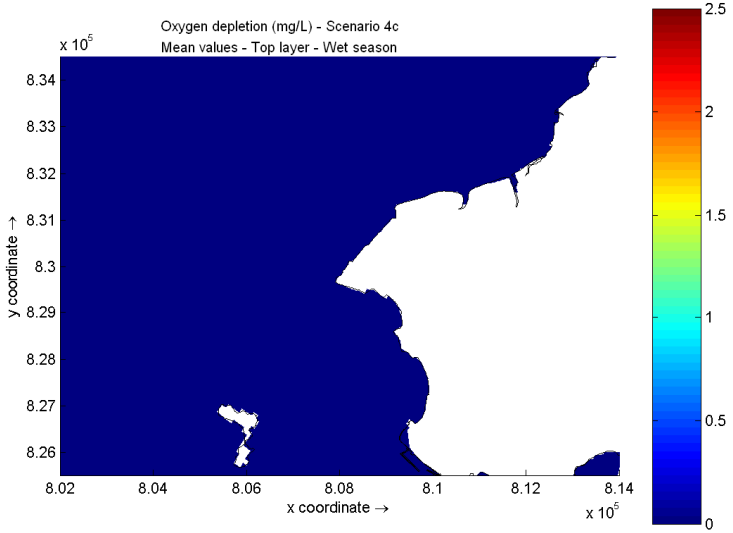




**Scenario 4c – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

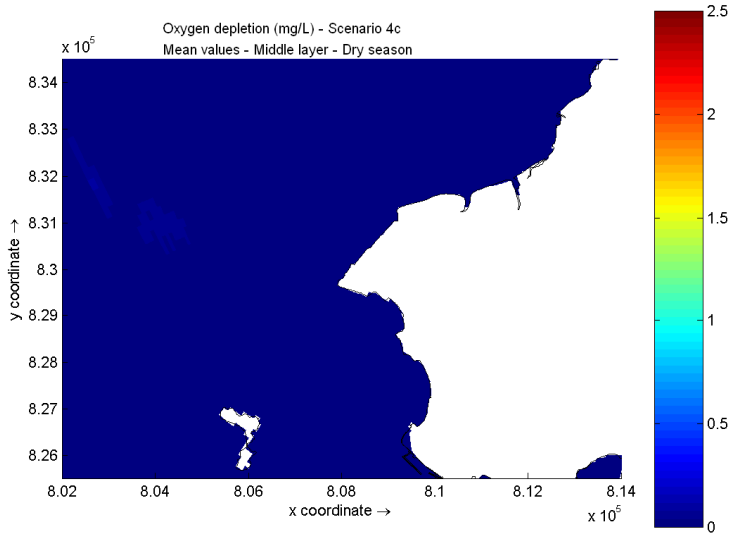


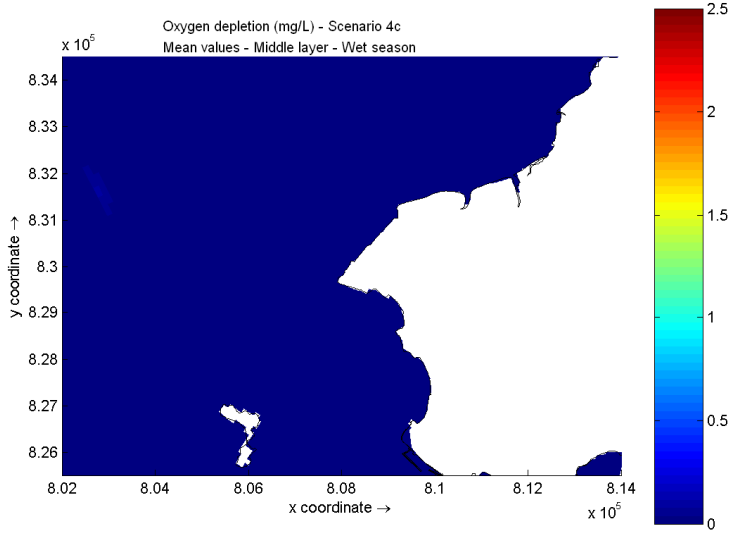




**Scenario 4c – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

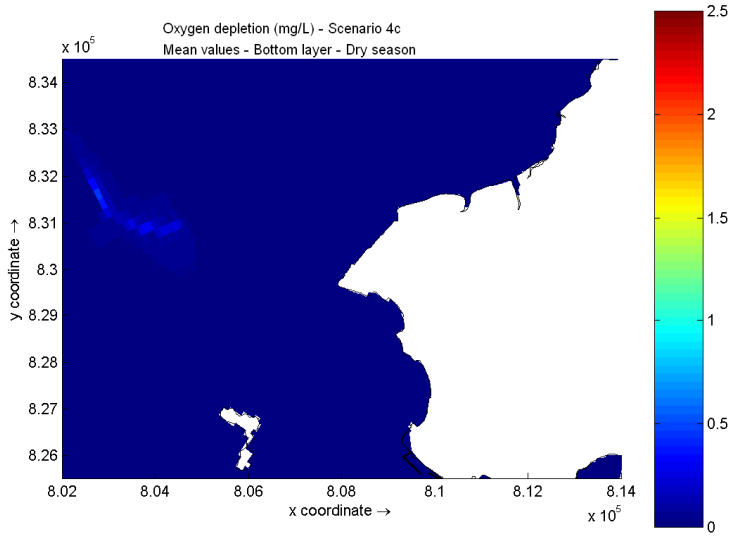


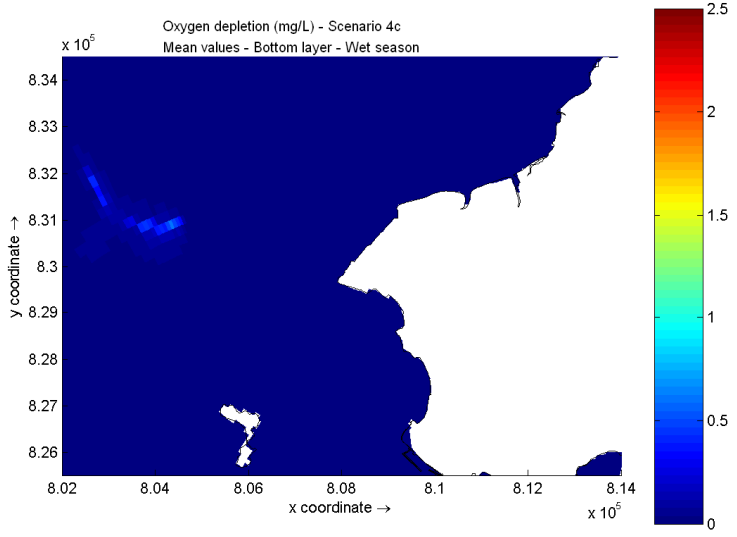




**Scenario 4c – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

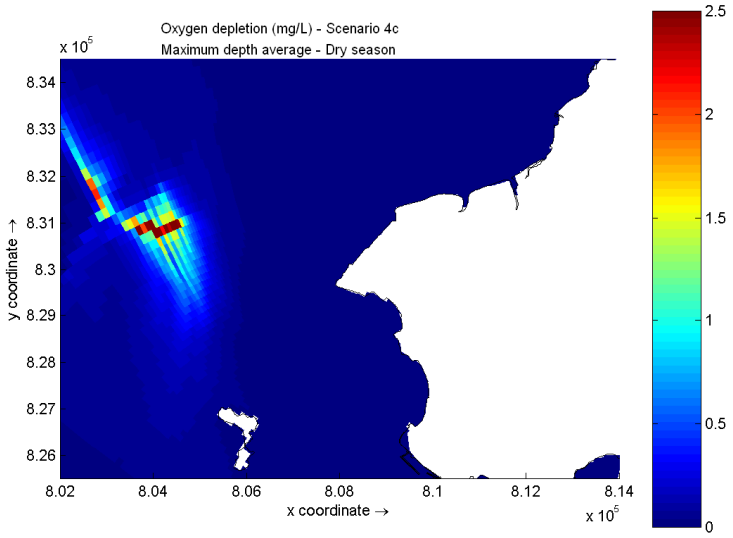


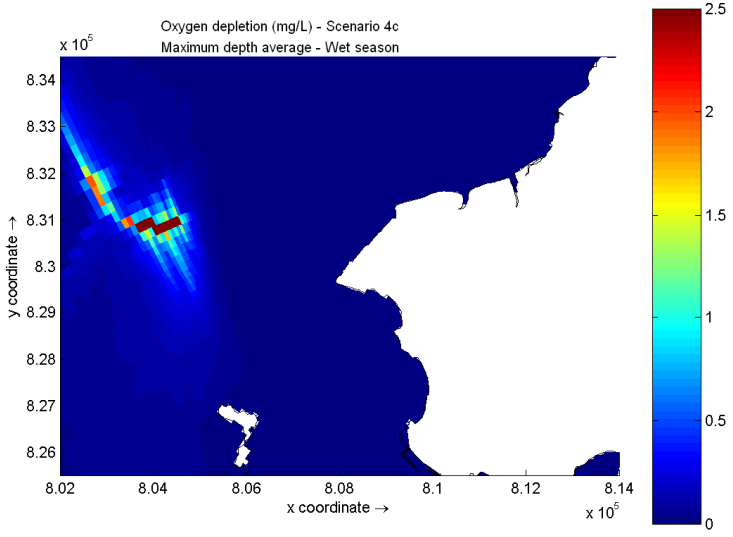




**Scenario 4c – Bottom layer**
**Dissolved Oxygen Depletion (mg/L) – Mean over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

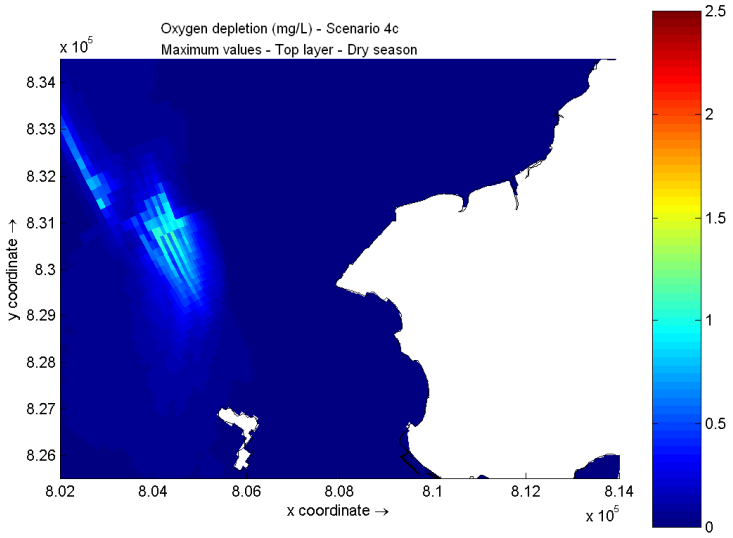


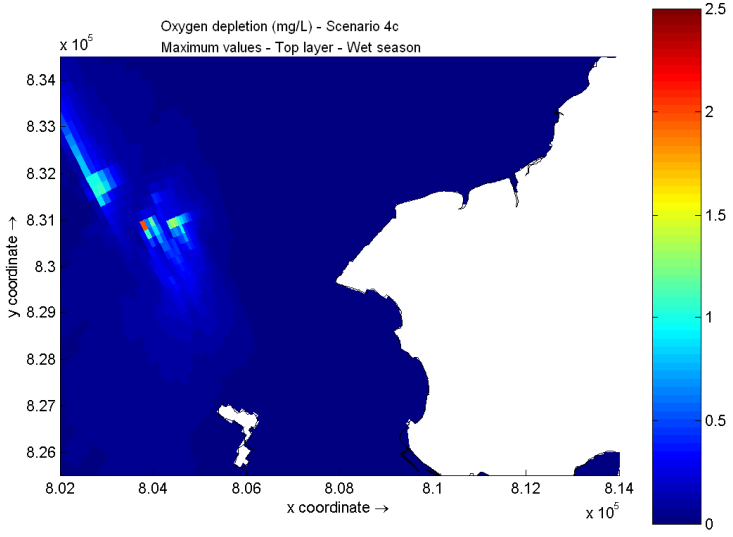




**Scenario 4c – Depth-averaged**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

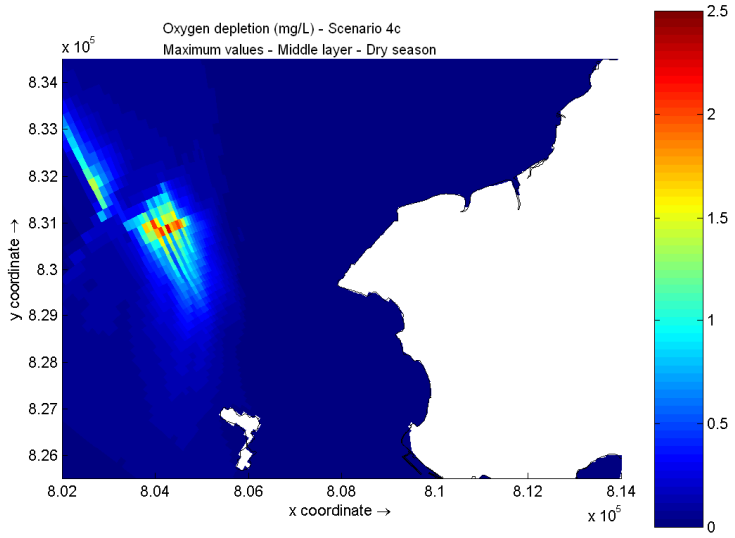


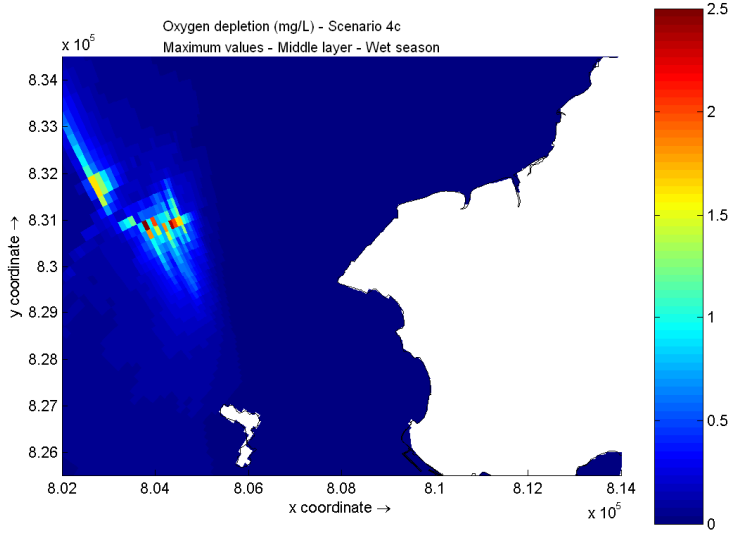




**Scenario 4c – Top layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM

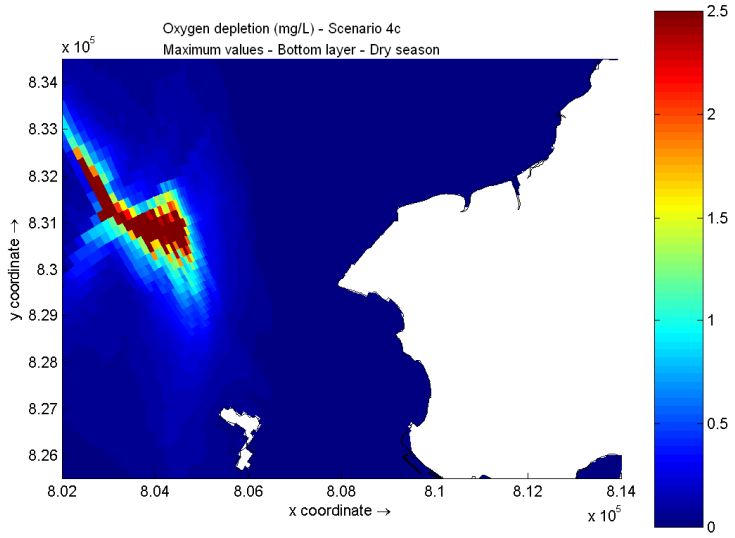


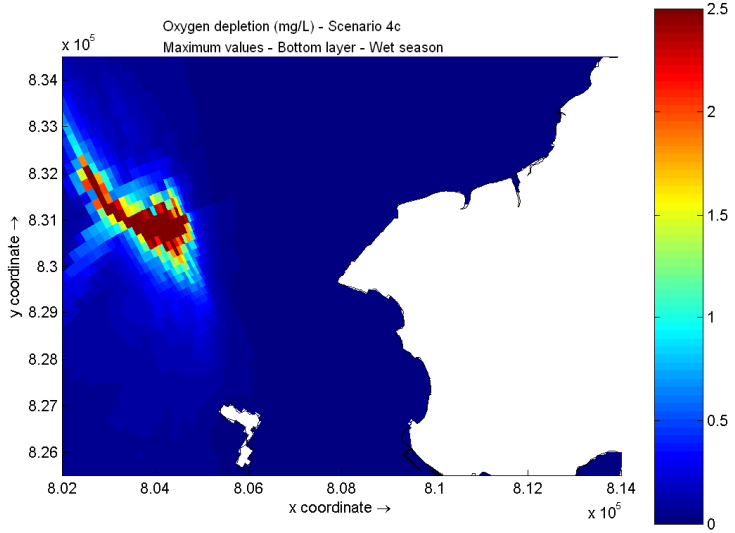




**Scenario 4c – Middle layer**
**Dissolved Oxygen Depletion (mg/L) – Maximum over a complete spring neap cycle**
**Upper plot: Dry Season ; Lower plot: Wet Season**

**Environmental Resources Management**

ERM




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

**Environmental Resources Management**

ERM