

## Appendix C

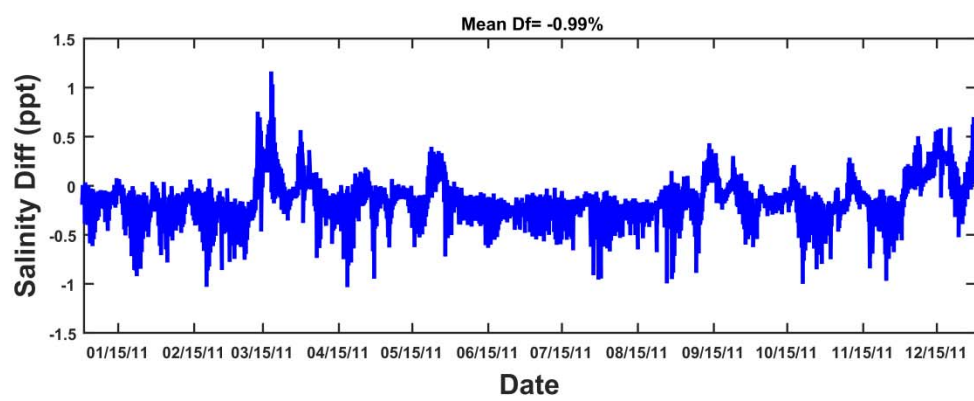
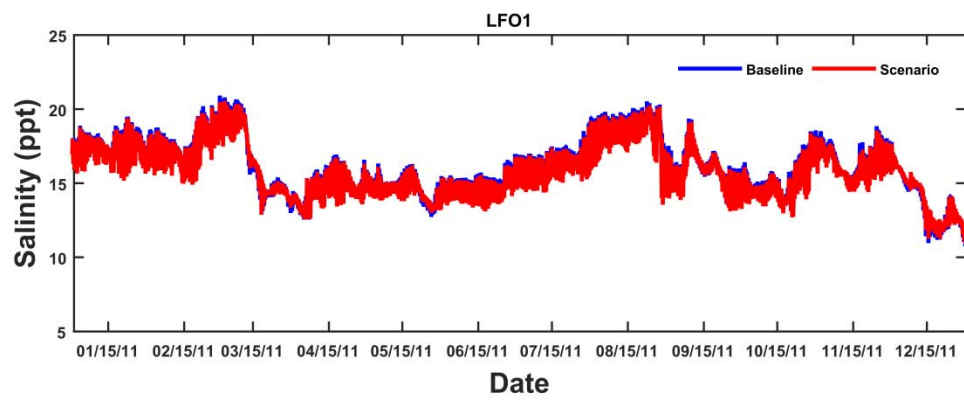
The salinity comparison results (for vertically averaged salinities) are shown in the following figures. The station locations are shown in Figure 2-2-3. Table C-1 below provides descriptions for each of the scenarios having results shown in this appendix.

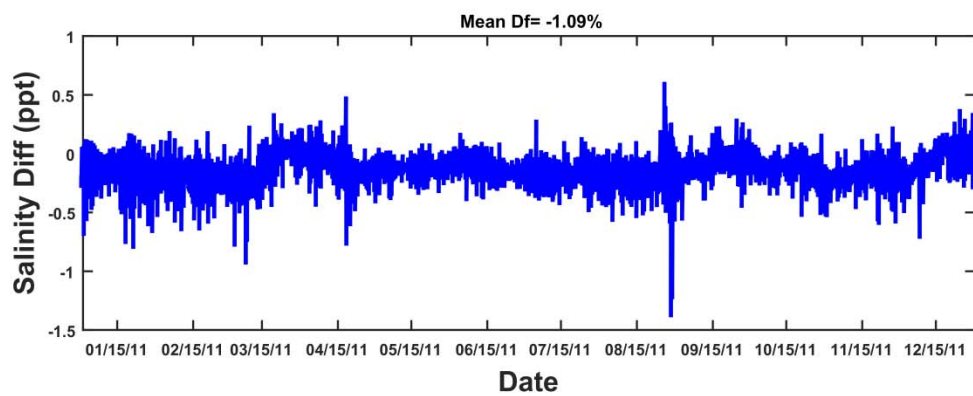
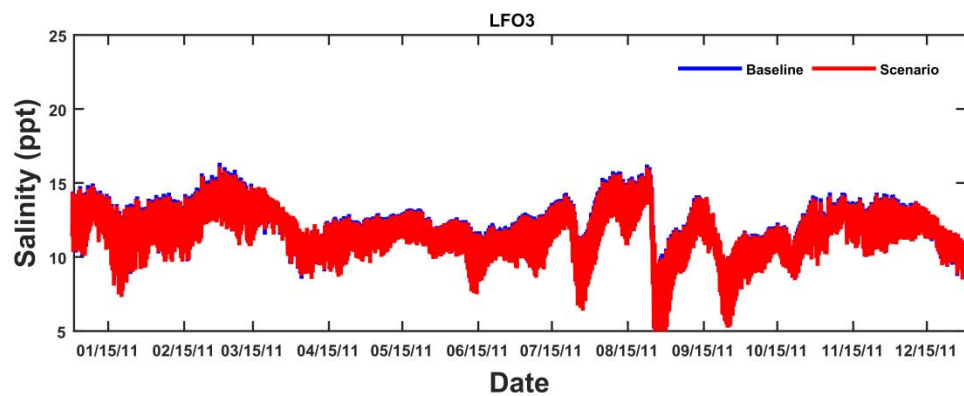
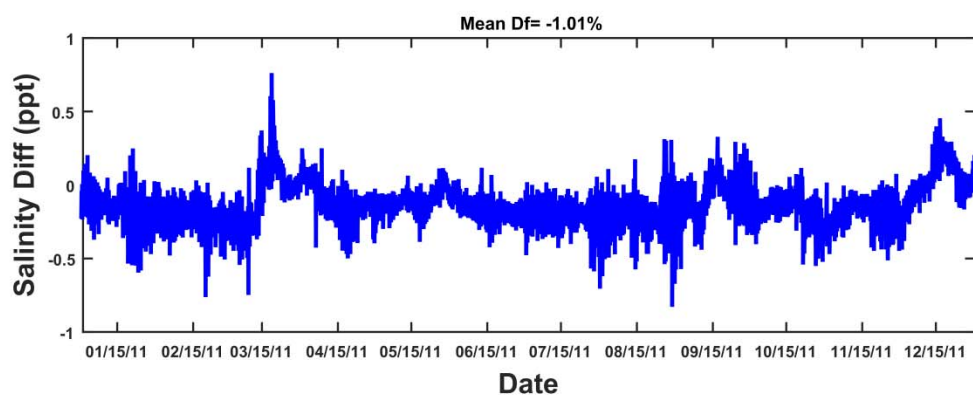
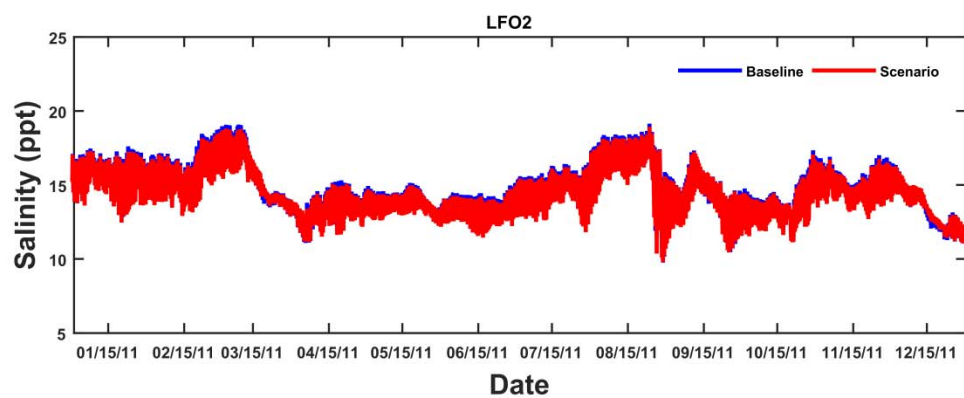
**Table C-1. Descriptions of Scenarios**

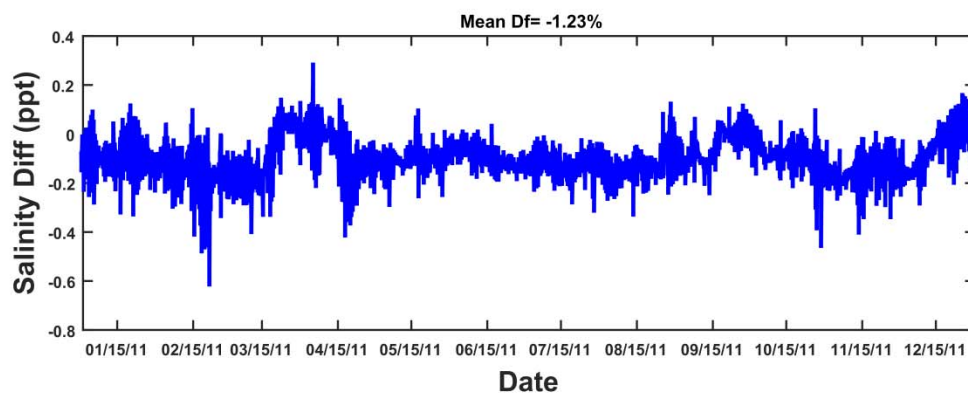
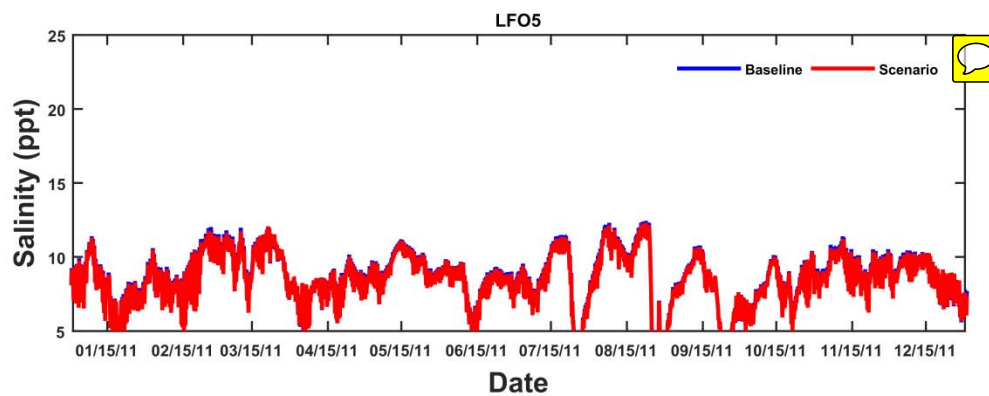
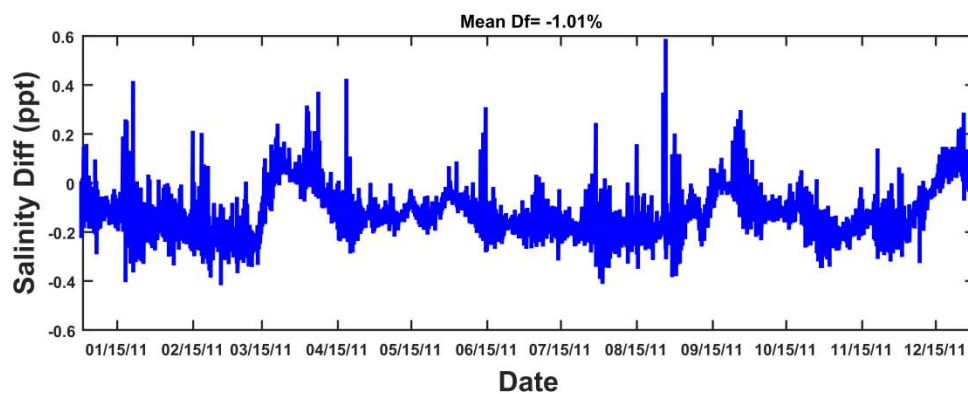
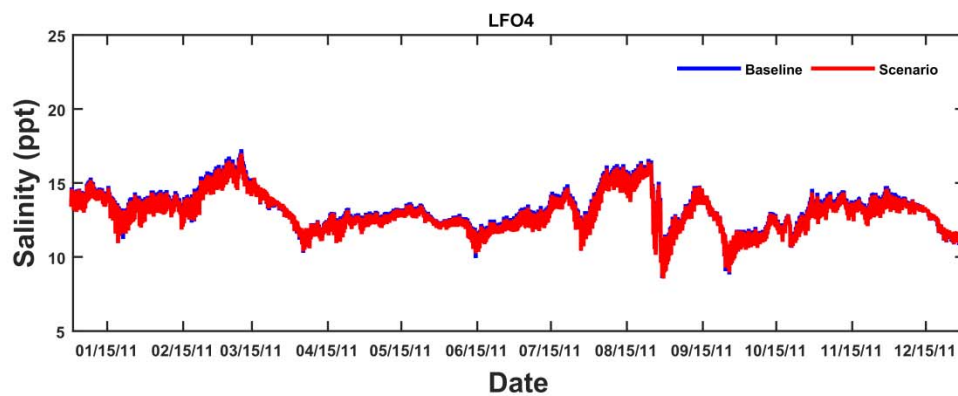
| Scenario              | Description                                                                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baseline (S00)        | Current condition without project                                                                                                                                  |
| S01                   | Simulation of large-barrier configuration with all designed gates open (a total of 19 gates)                                                                       |
| S02                   | Simulation of small-barrier configuration with all designed gates open (a total of 5 gates)                                                                        |
| S03                   | Simulation of large-barrier configuration with approximately half the gates closed (a total of 9 gates are closed)                                                 |
| S04                   | Simulation of small-barrier configuration with approximately half the gates closed (a total of 3 gates are closed)                                                 |
| Future Baseline (S05) | Future baseline condition without project with a sea-level rise of 1.0 m                                                                                           |
| S06                   | Future condition simulation of large-barrier configuration with all designed gates open (a total of 19 gates) with a sea-level rise of 1.0 m                       |
| S07                   | Future condition simulation of small-barrier configuration with all designed gates open (a total of 5 gates) with a sea-level rise of 1.0 m                        |
| S08                   | Future condition simulation of large-barrier configuration with approximately half the gates closed (a total of 9 gates are closed) with a sea-level rise of 1.0 m |
| S09                   | large-barrier, gate open                                                                                                                                           |
| S10                   | large-barrier, gate closed during storm, open after storm                                                                                                          |
| S11                   | small-barrier, gate open                                                                                                                                           |
| S12                   | small-barrier, gate closed during storm, open after storm                                                                                                          |

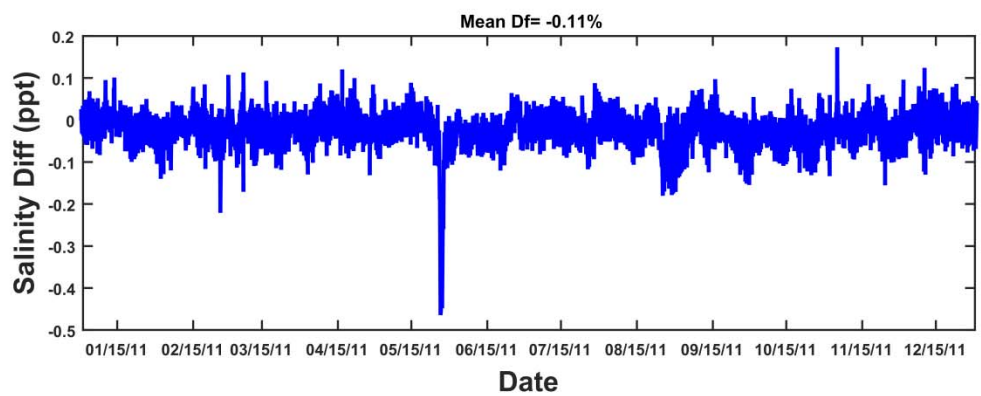
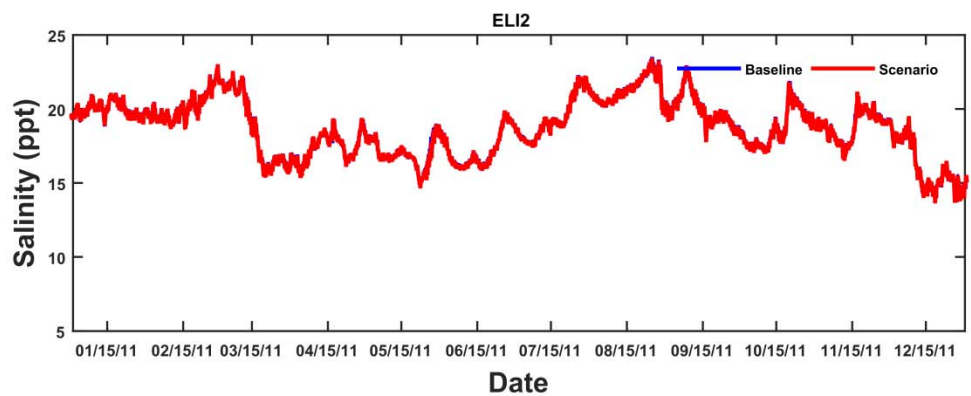
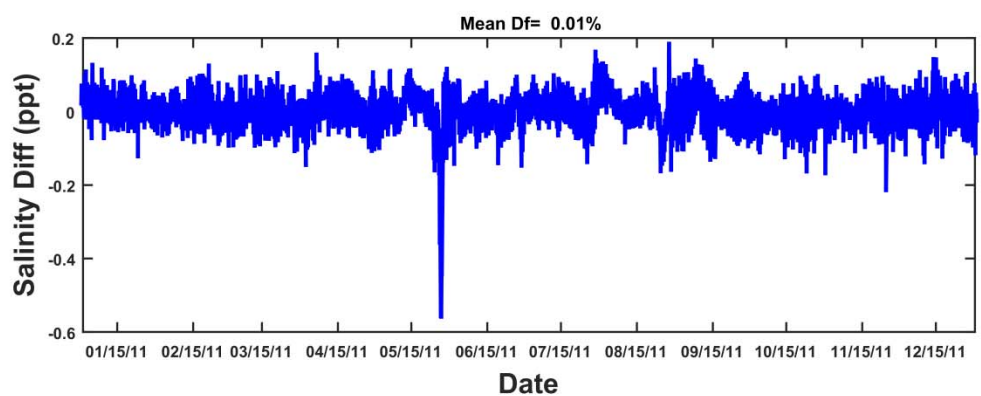
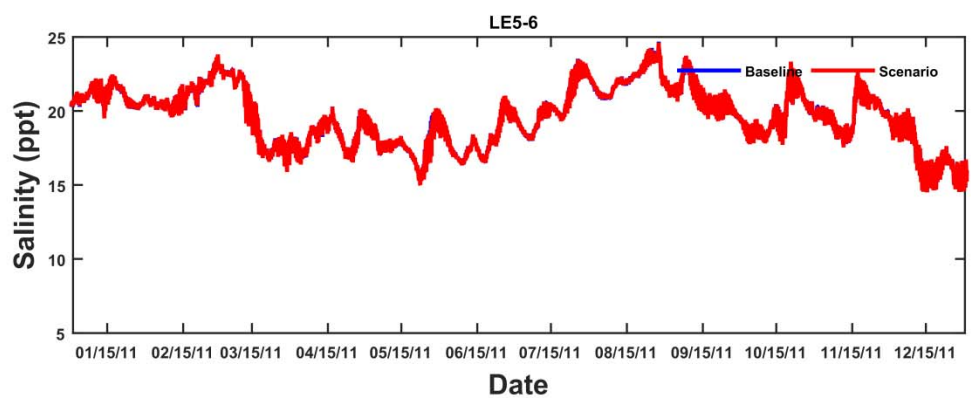
| Scenarios compared  | Appendix Pages |
|---------------------|----------------|
| Baseline versus S01 | C2-C7          |
| Baseline versus S02 | C8-C13         |
| Baseline versus S03 | C14-C19        |
| Baseline versus S04 | C20-C25        |
| Baseline versus S05 | C26-C31        |
| S05 versus S06      | C32-C37        |
| S05 versus S07      | C38-C43        |
| S05 versus S08      | C44-C49        |
| S09 versus S10      | C50-C55        |
| S11 versus S12      | C56-C61        |

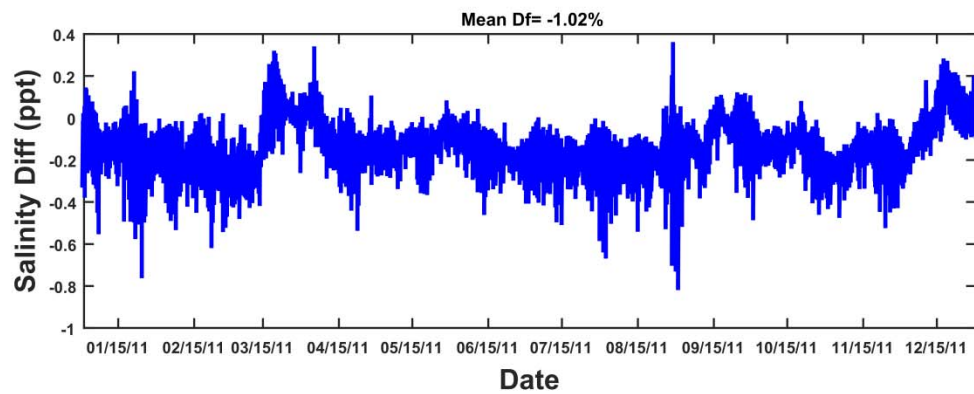
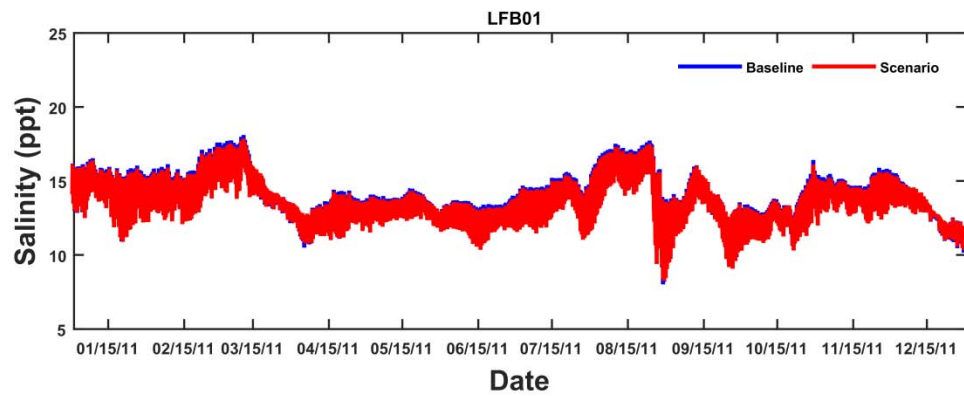
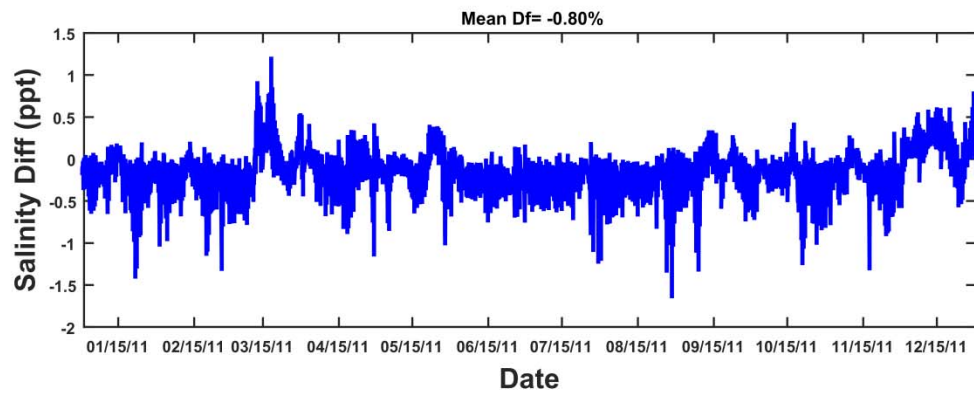
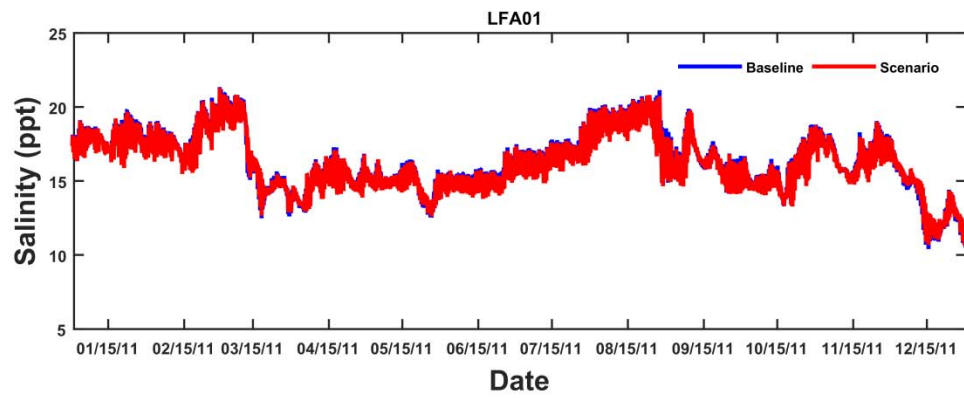
**Baseline versus S01:**





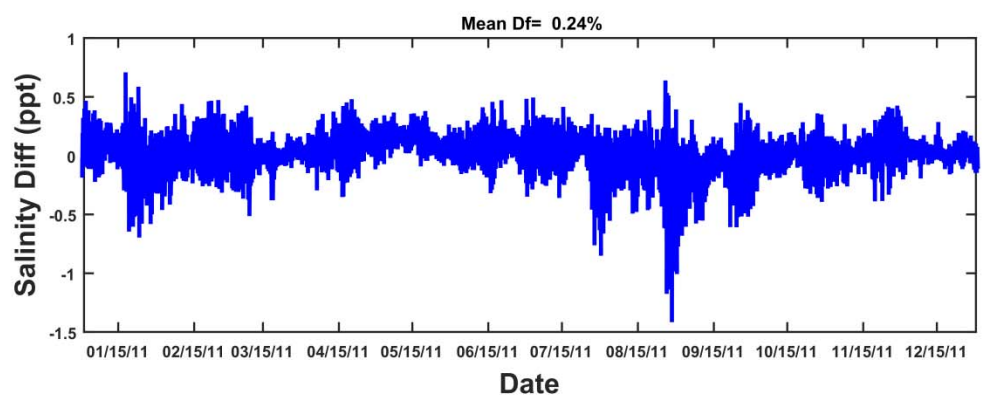
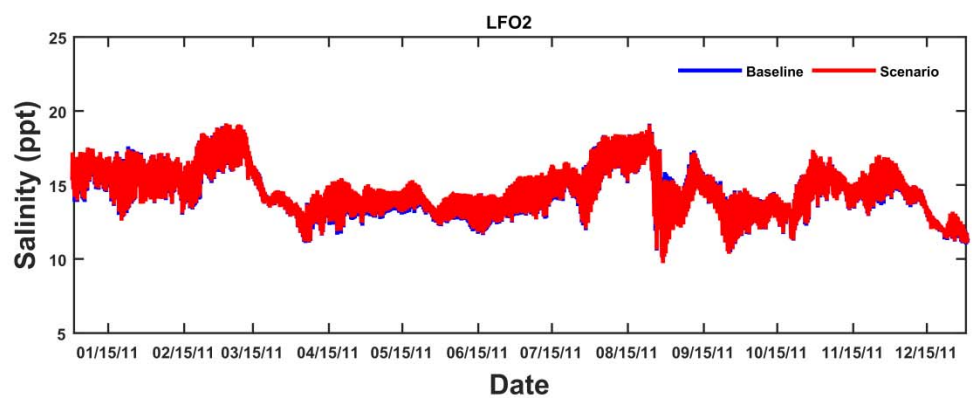
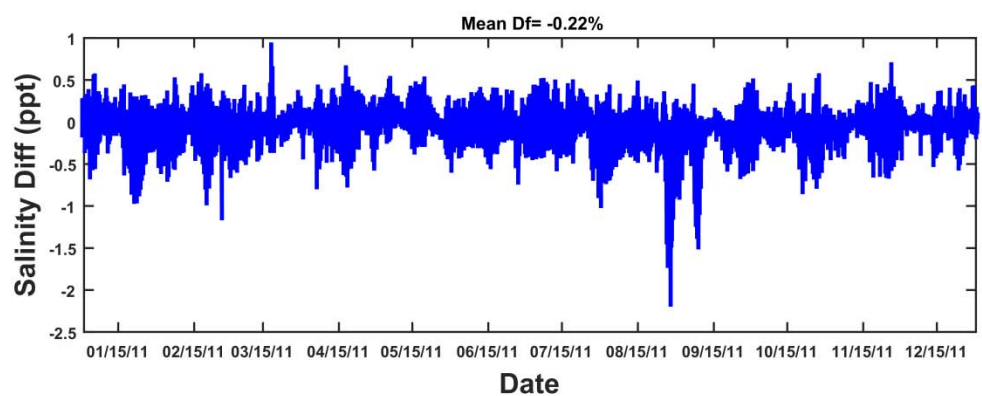
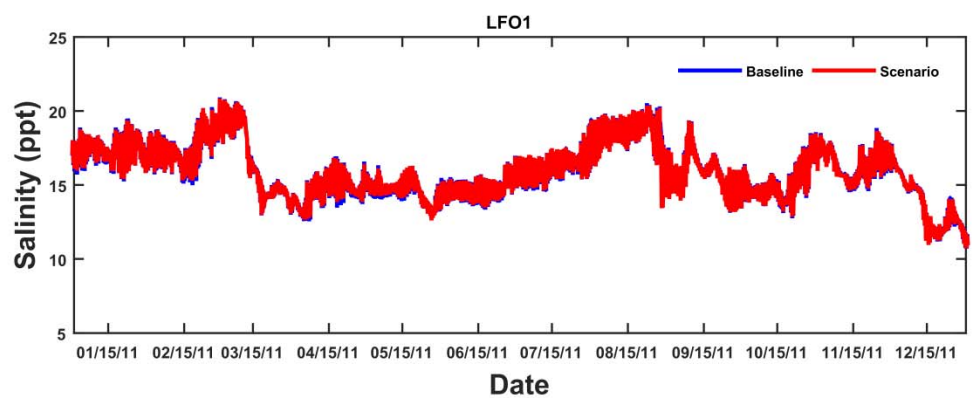


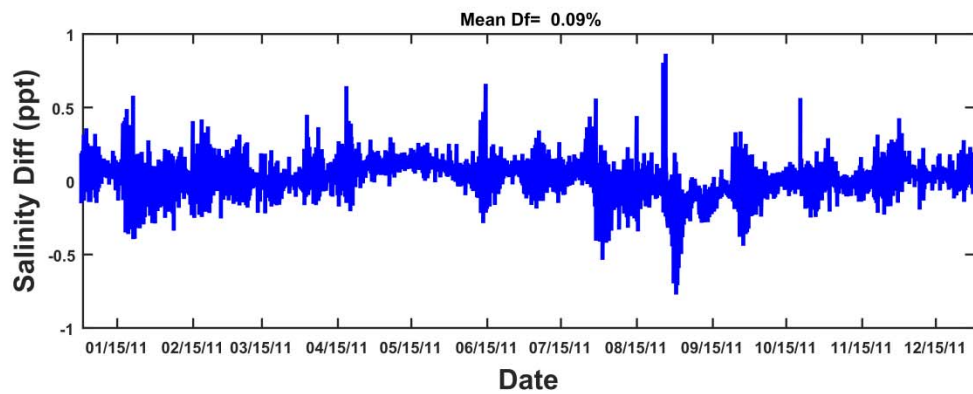
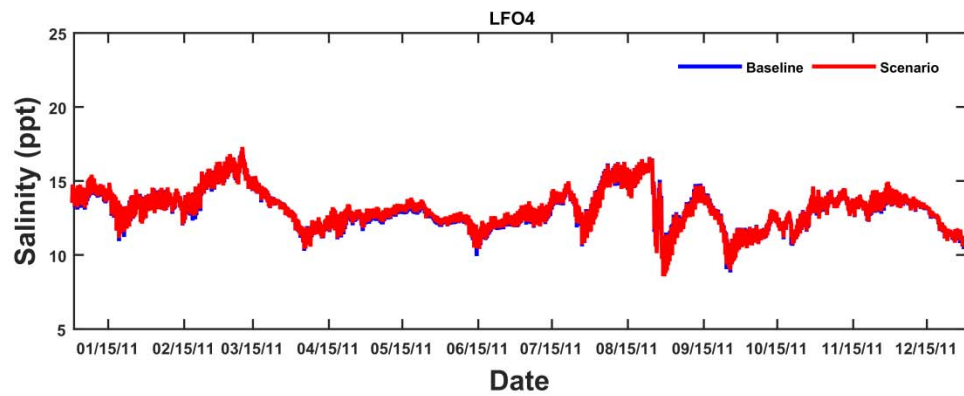
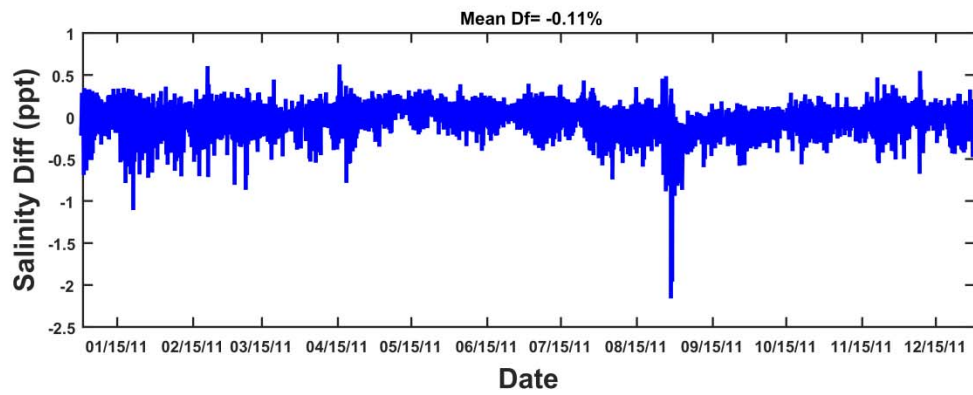
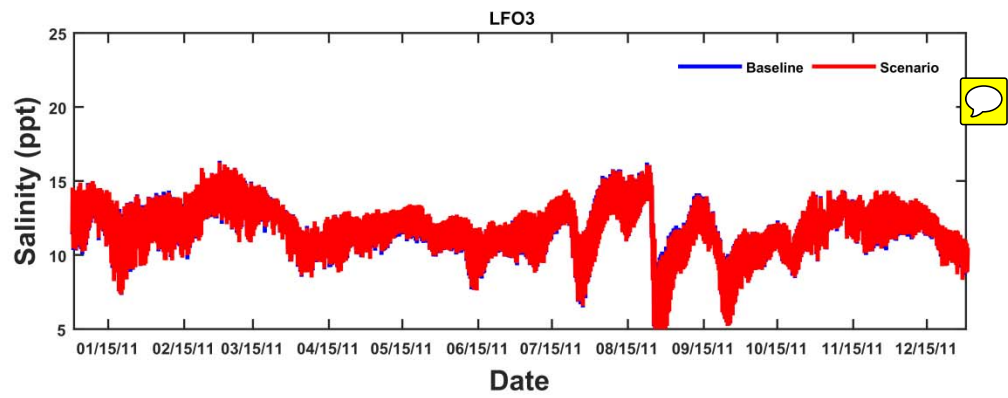


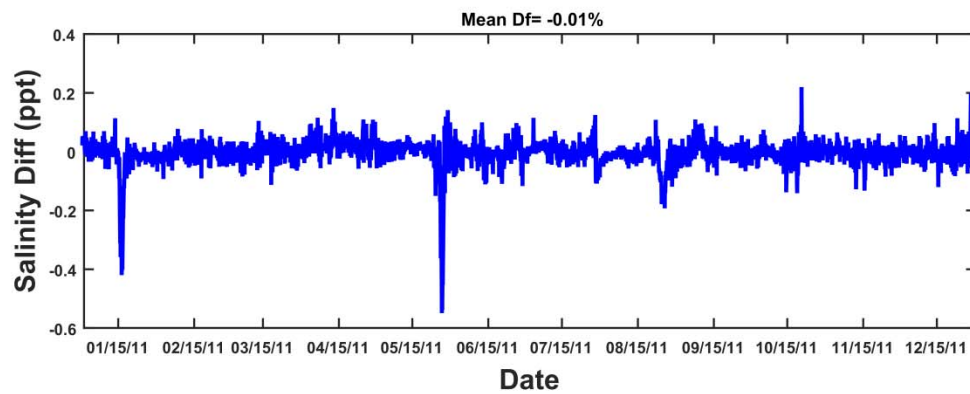
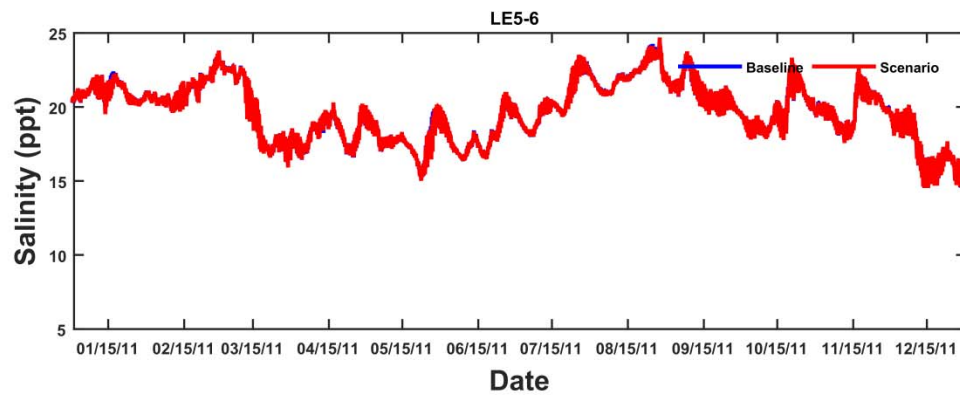
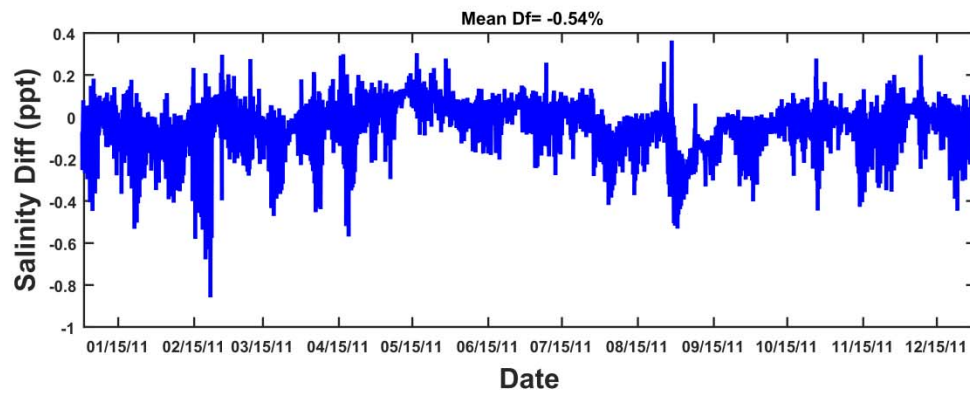
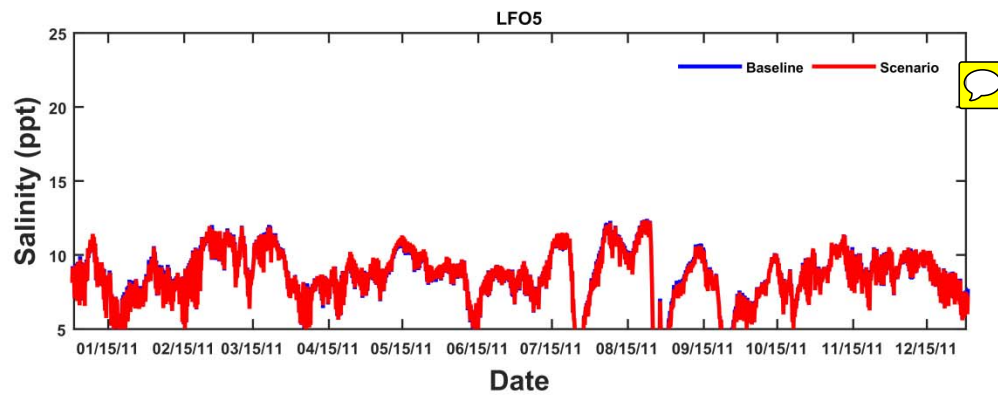


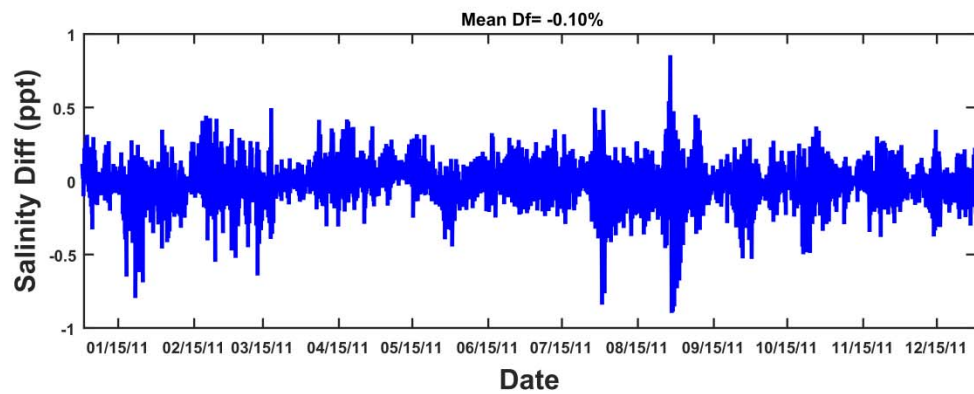
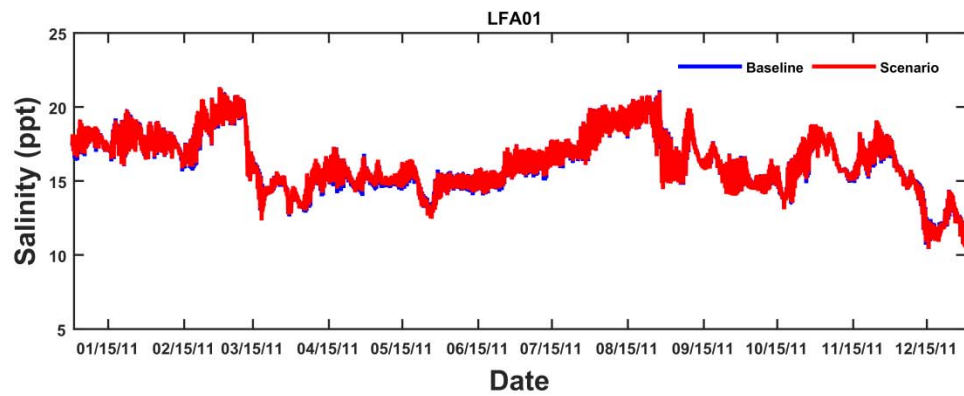
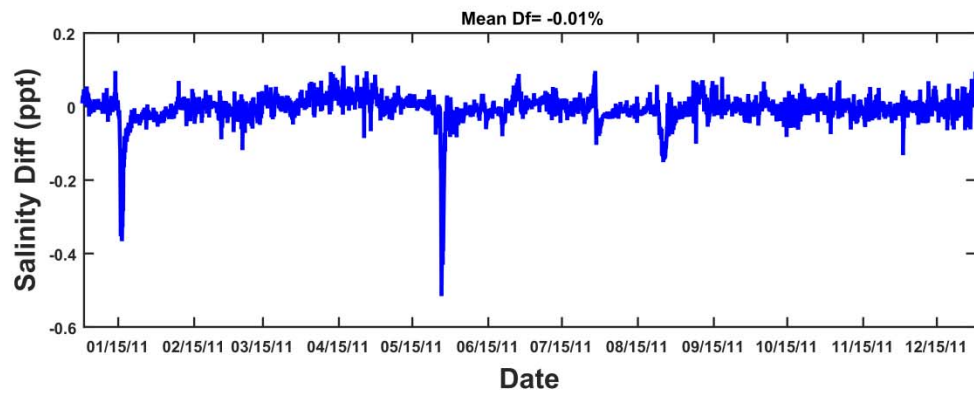
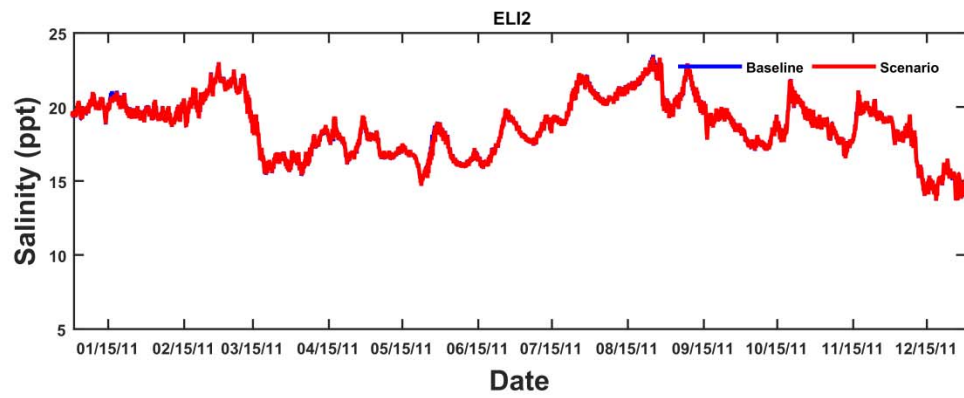
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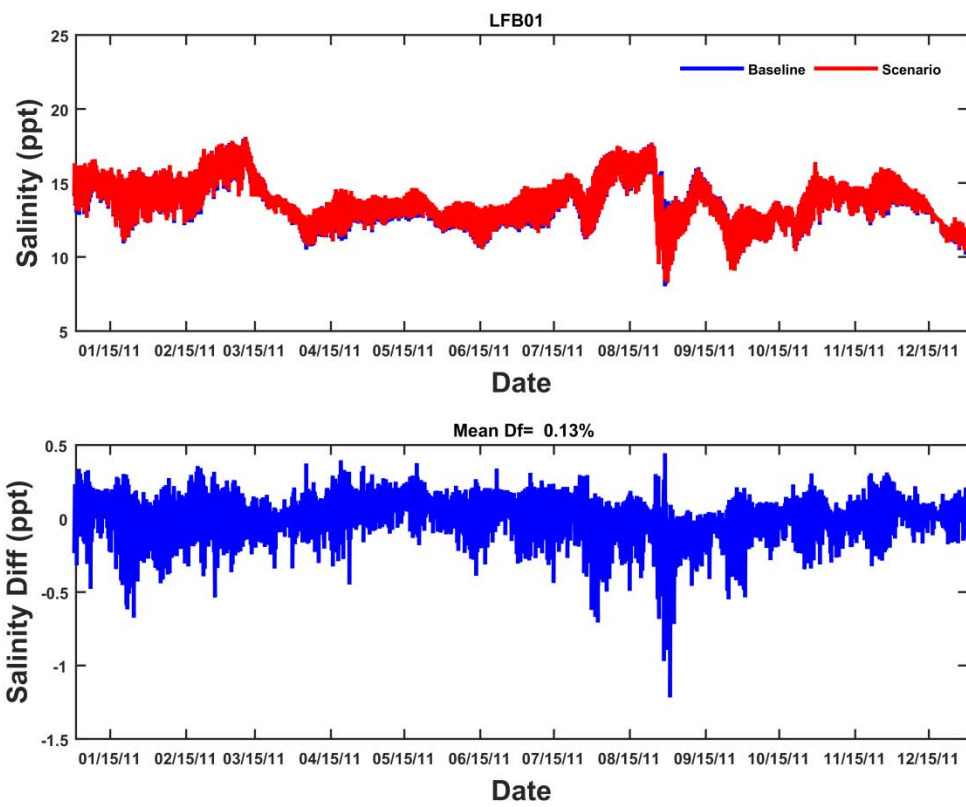




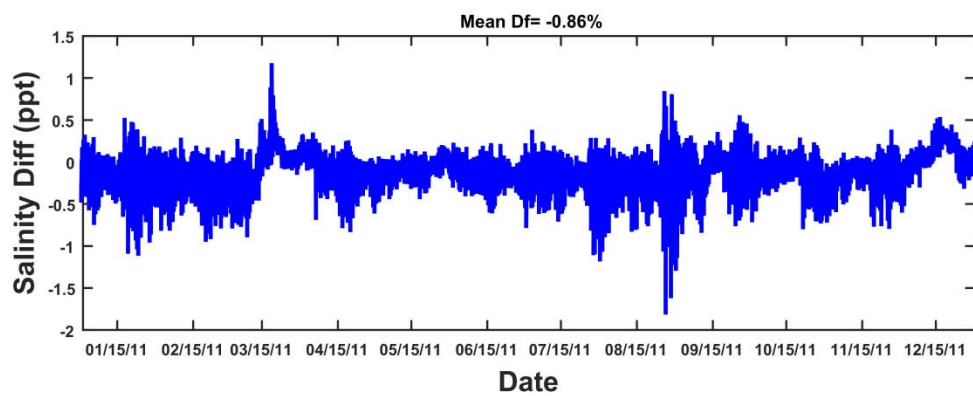
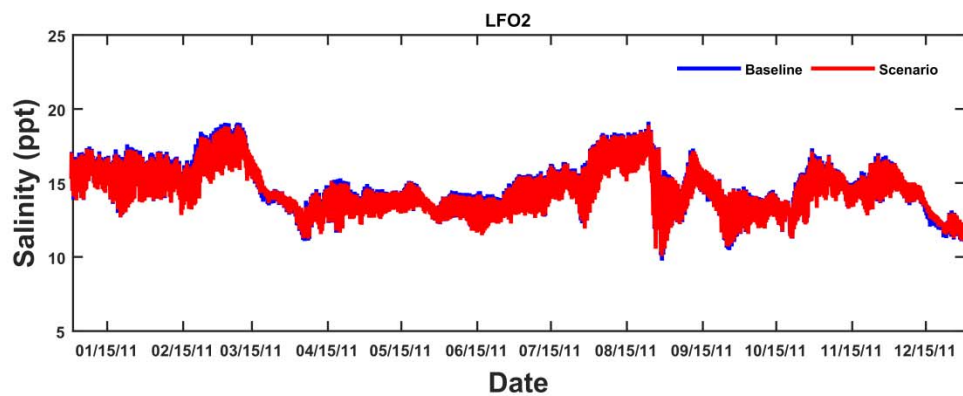
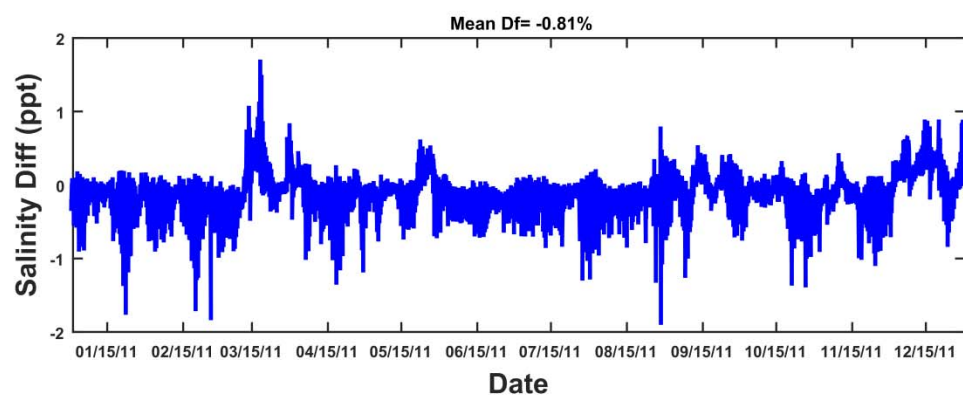
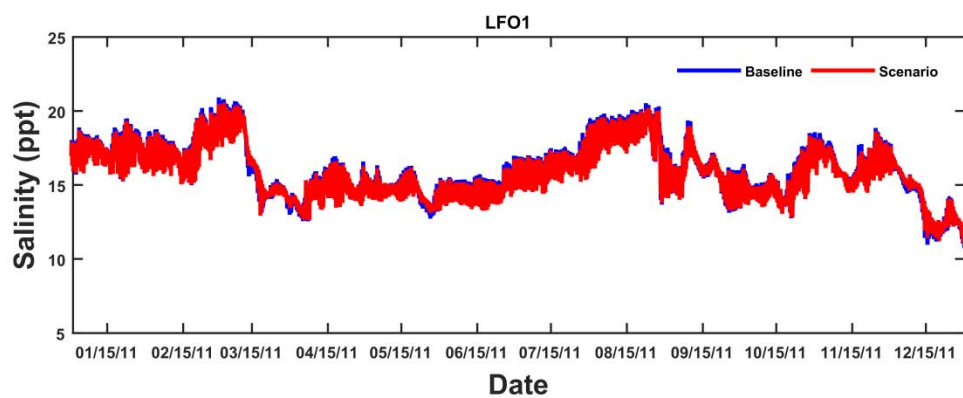




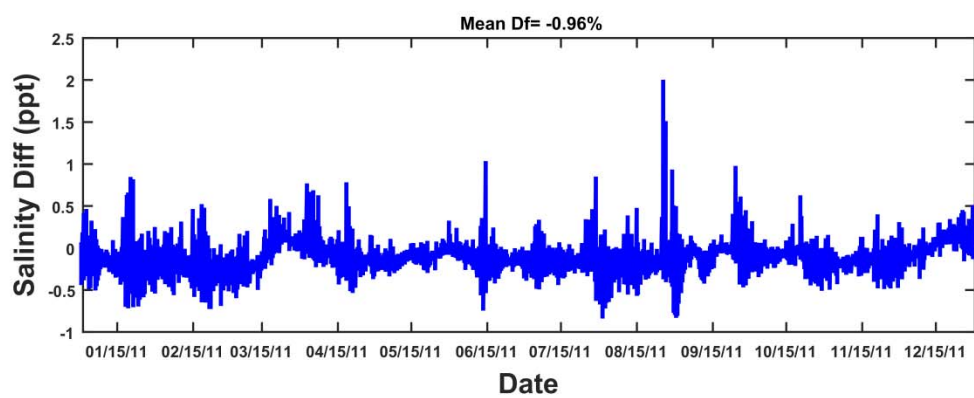
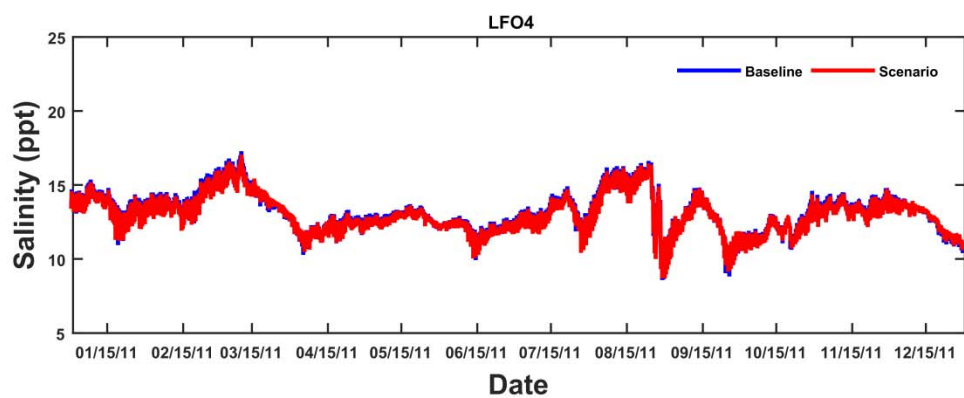
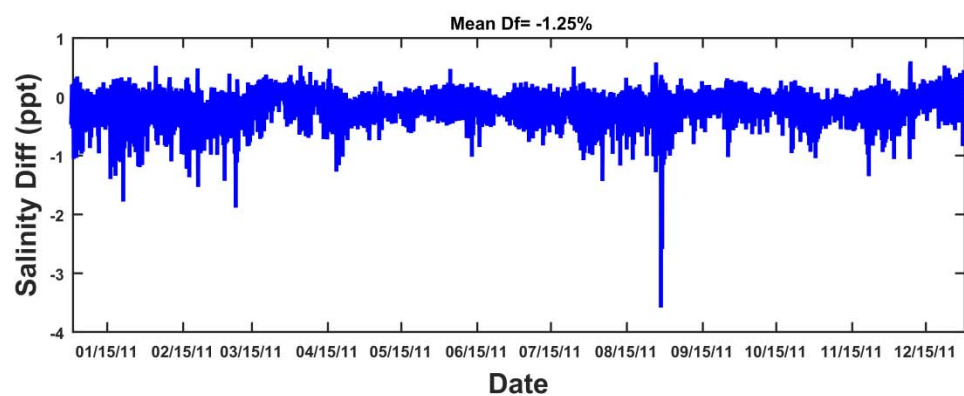
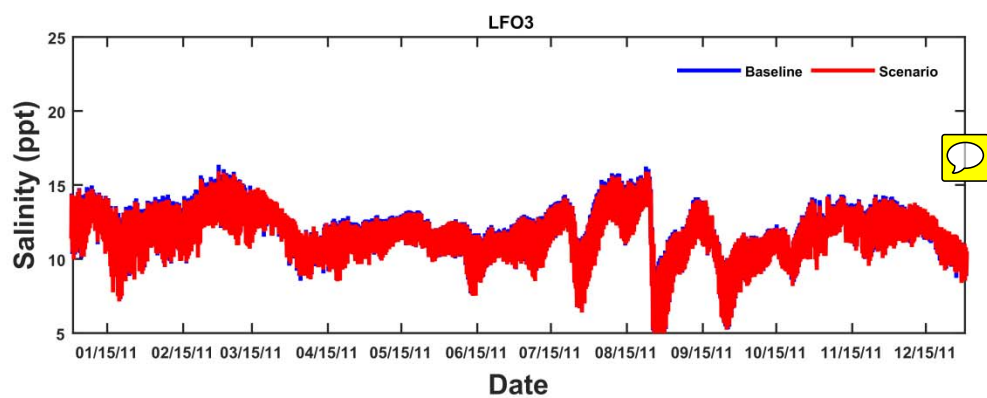




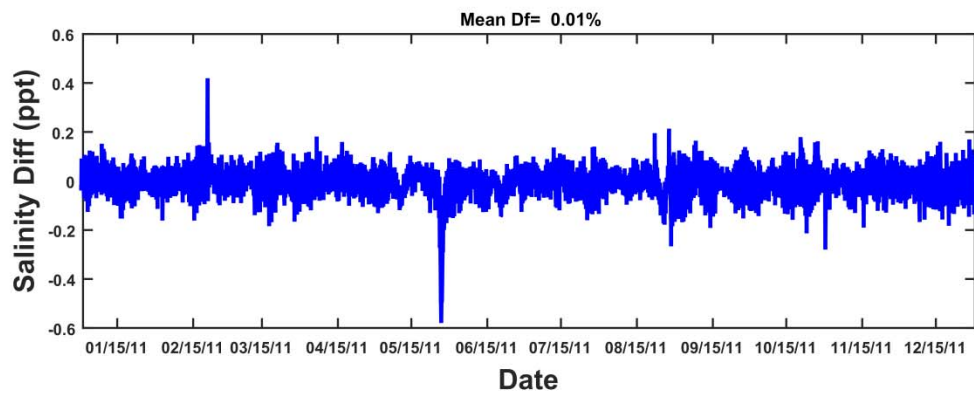
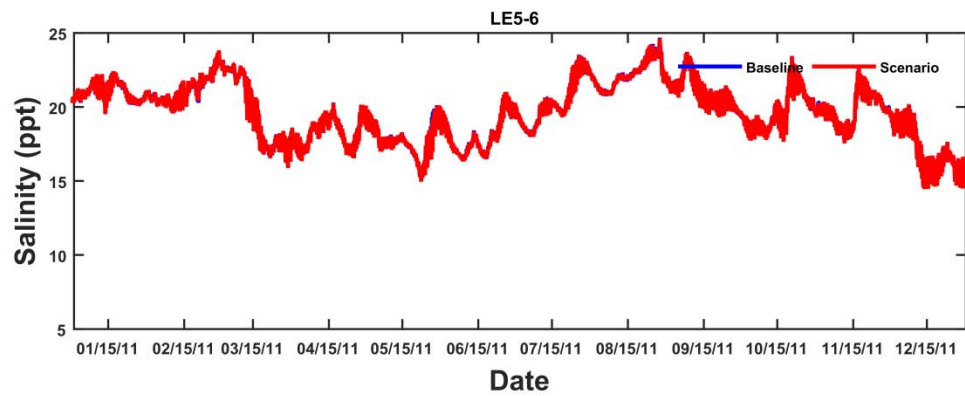
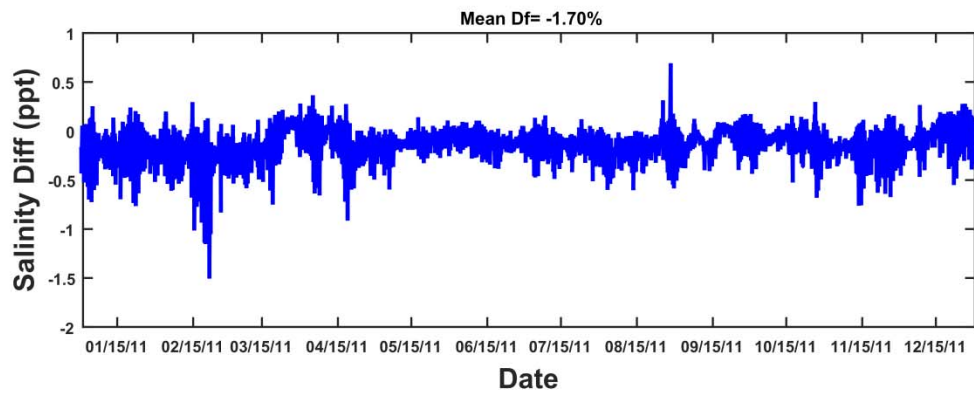
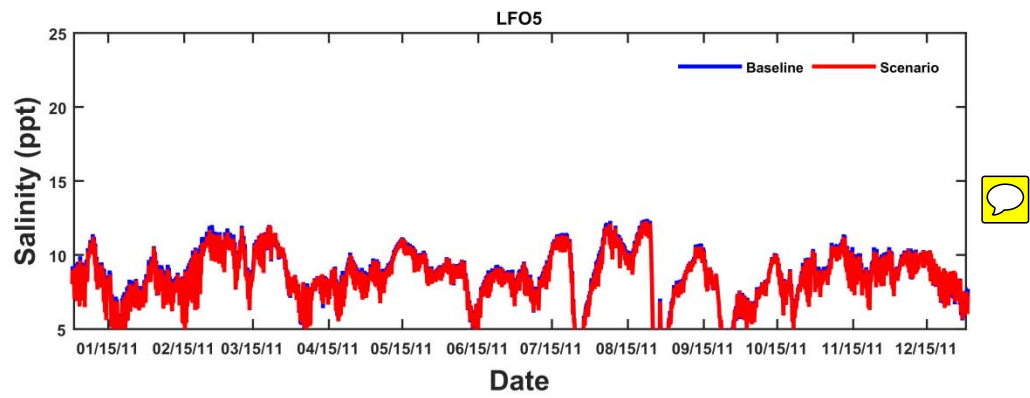
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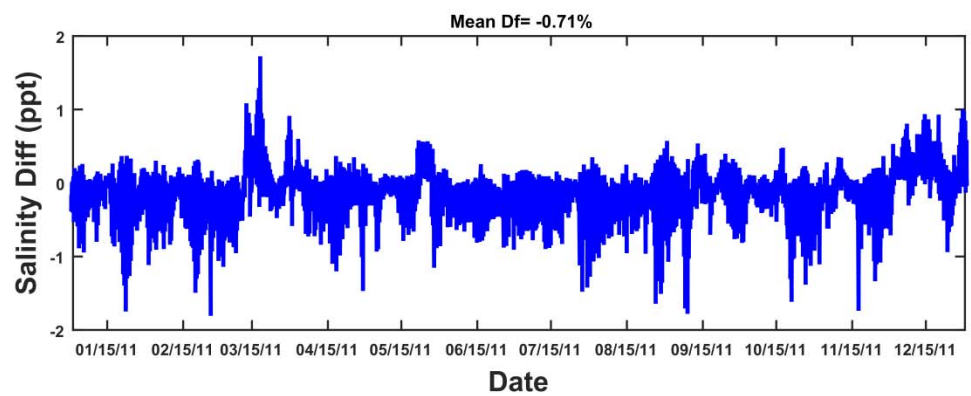
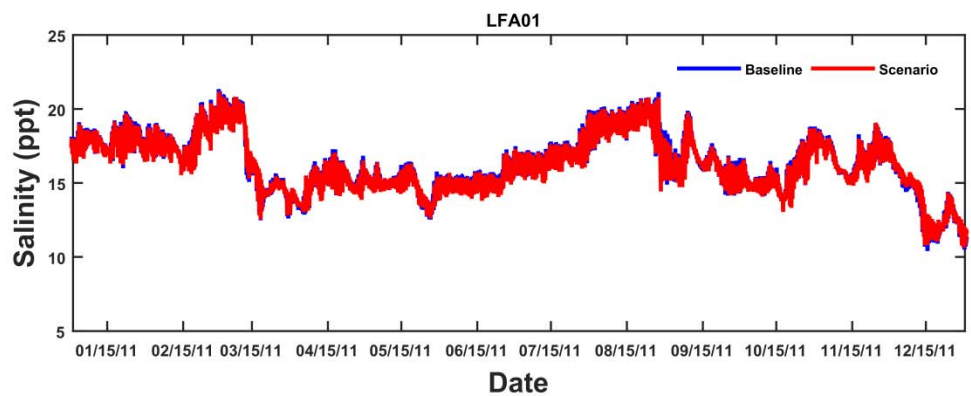
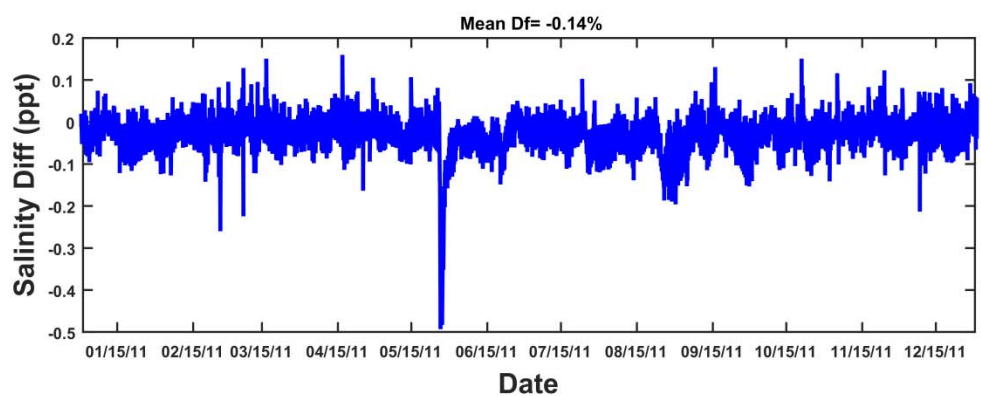
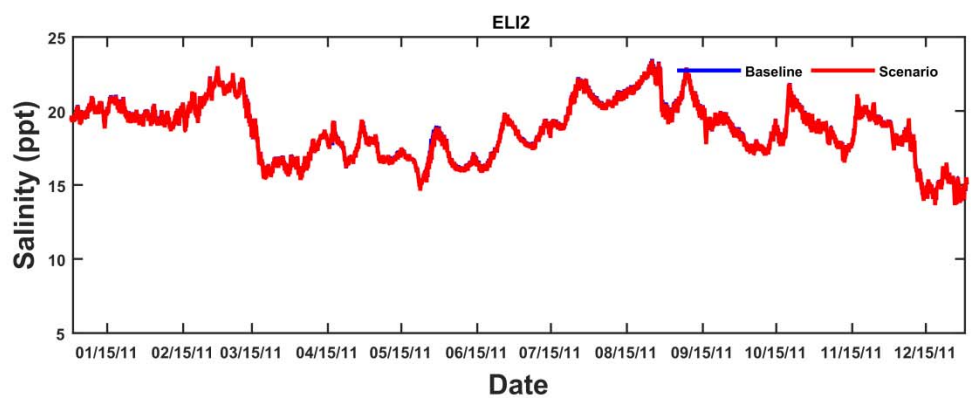


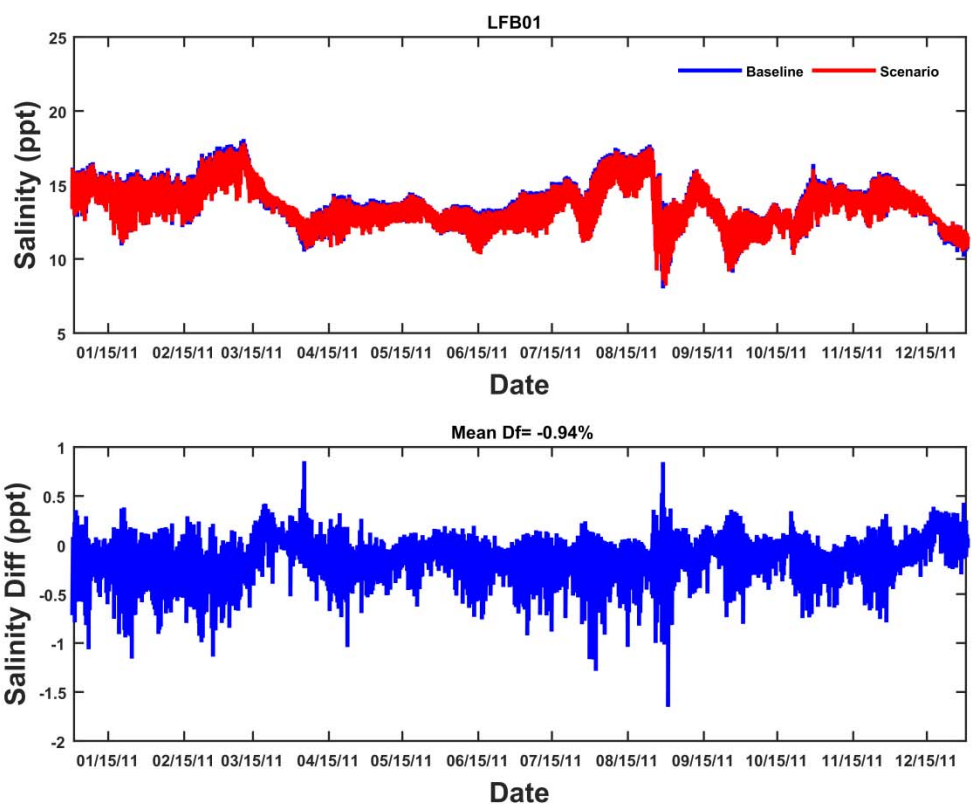




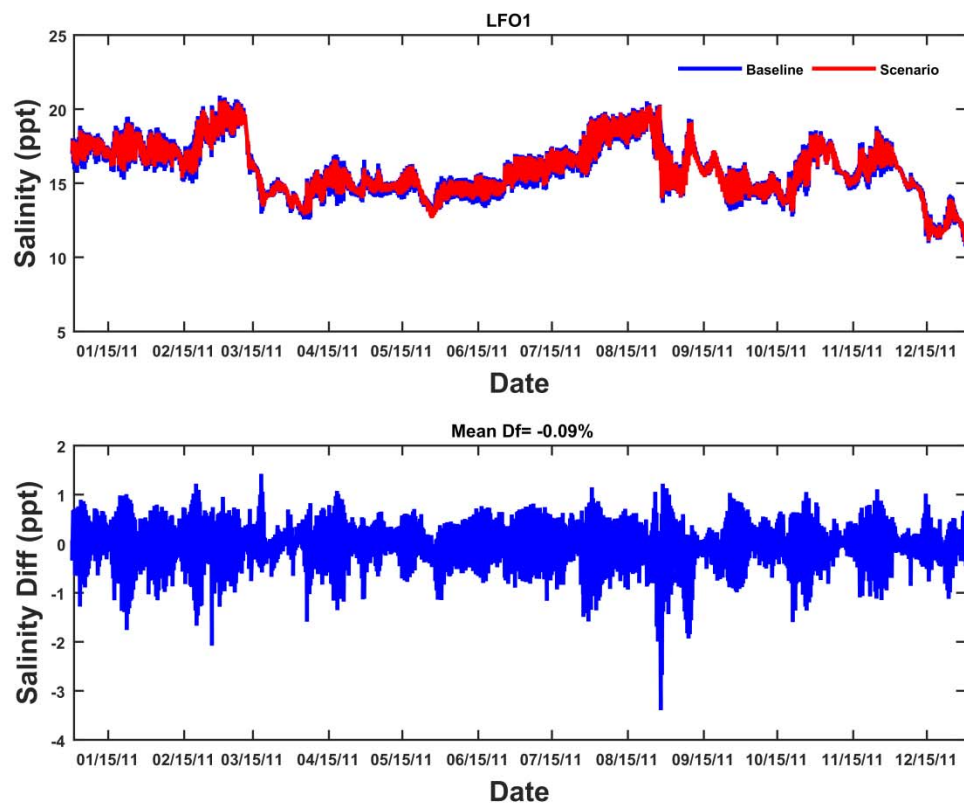


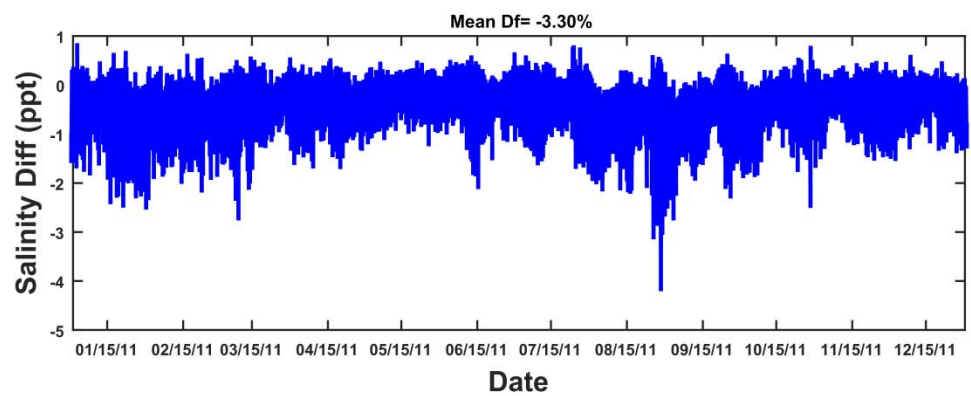
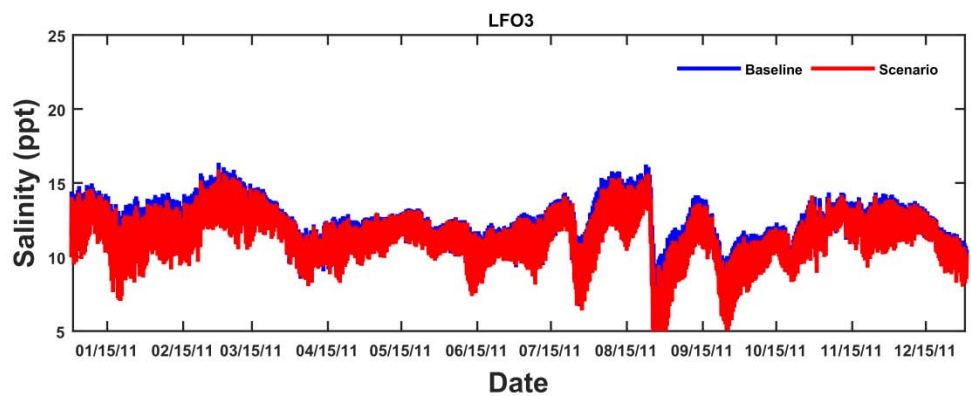
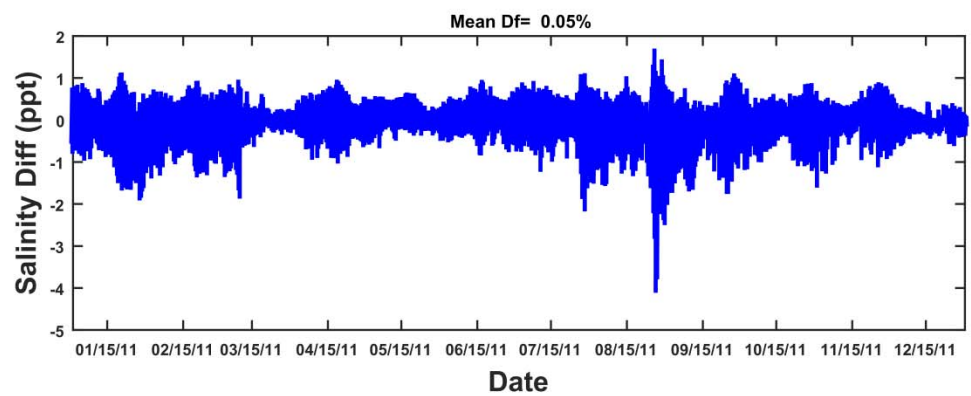
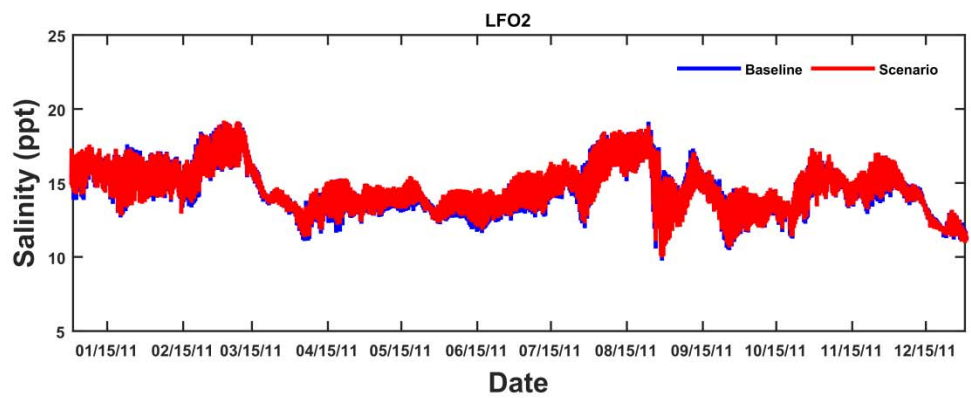


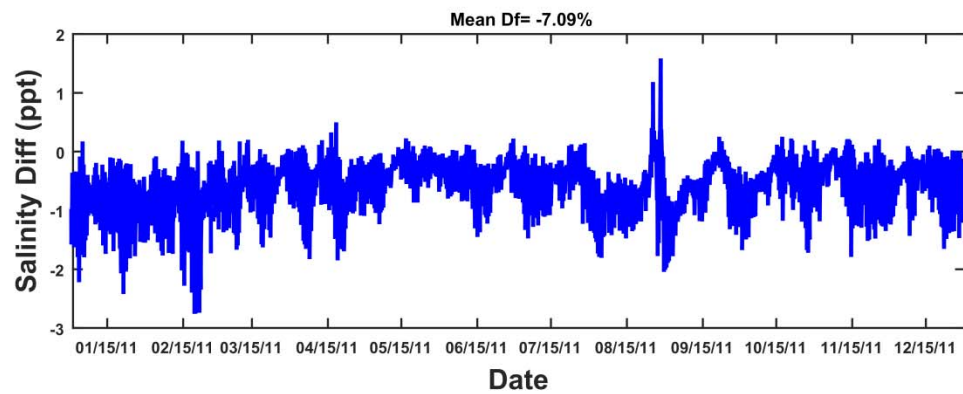
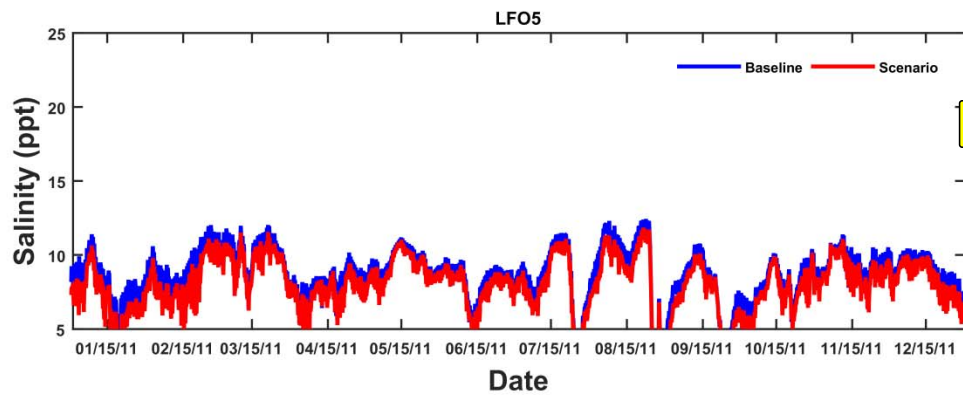
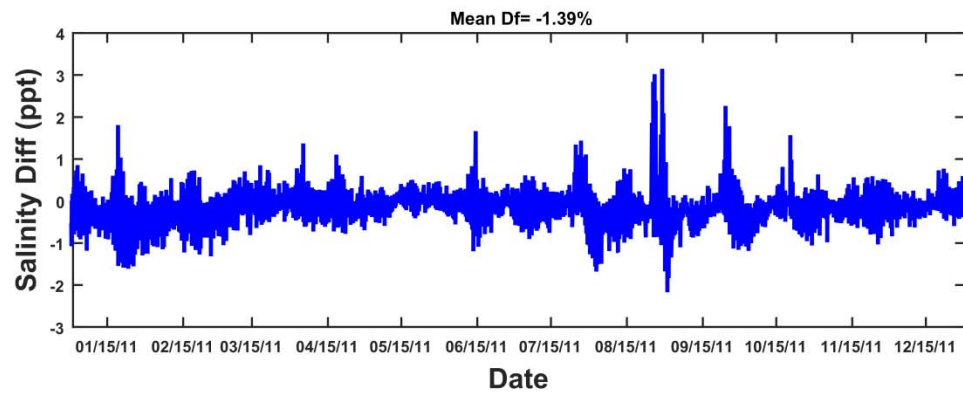
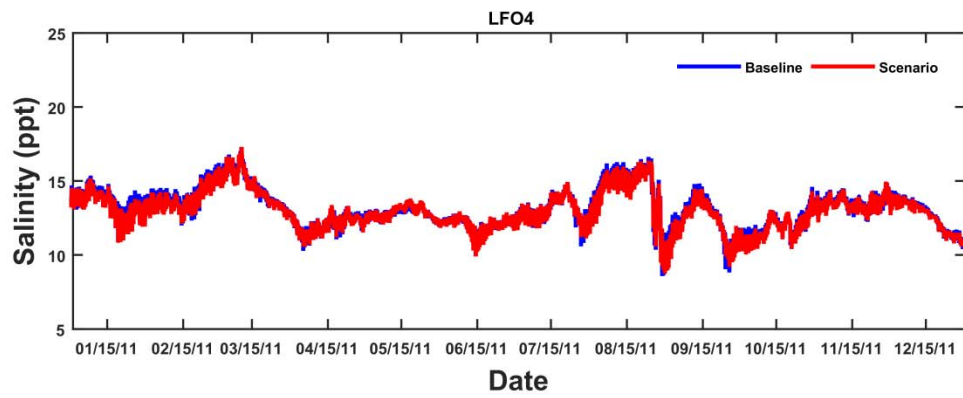




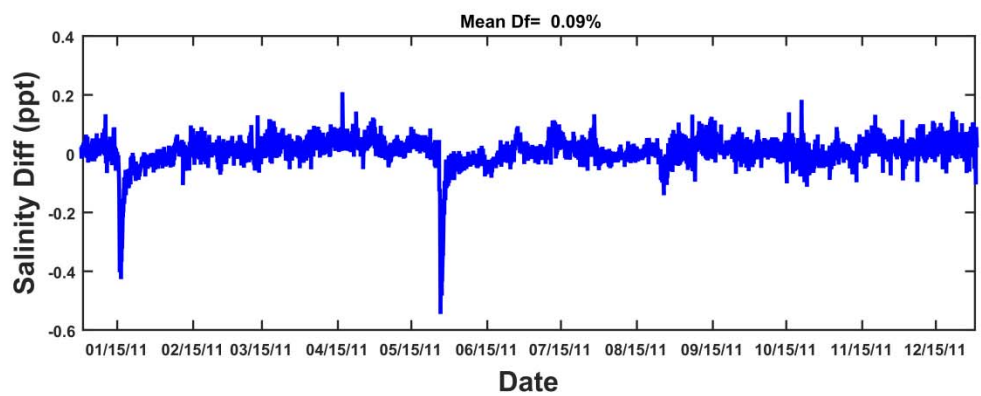
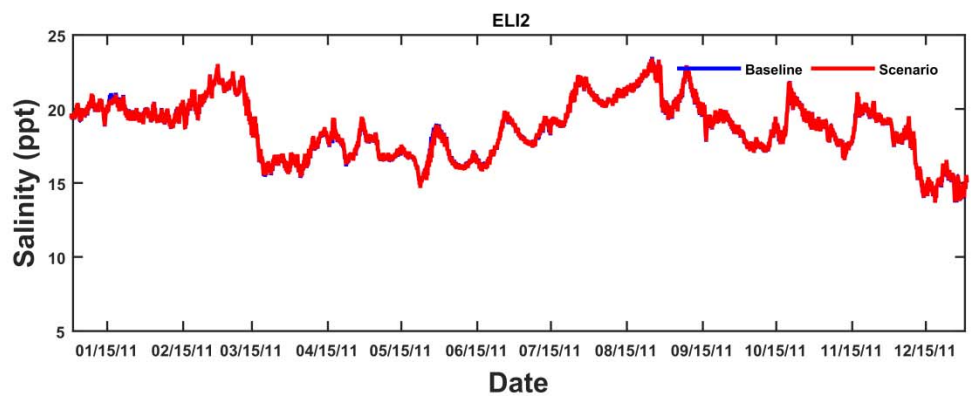
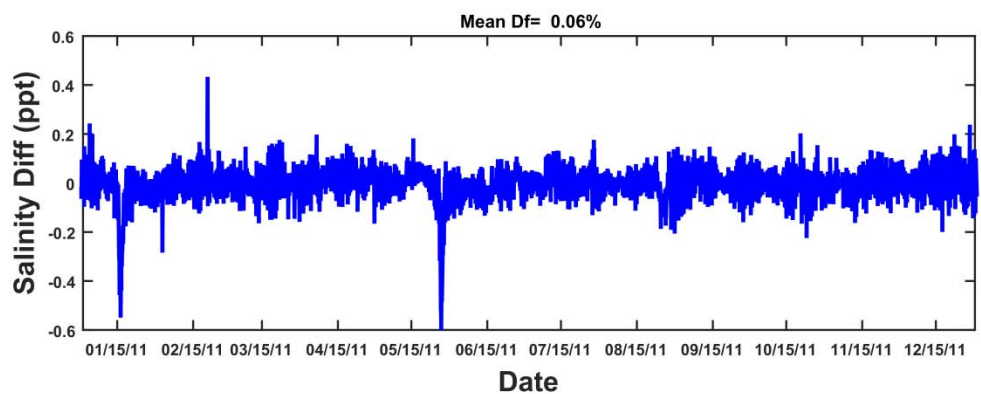
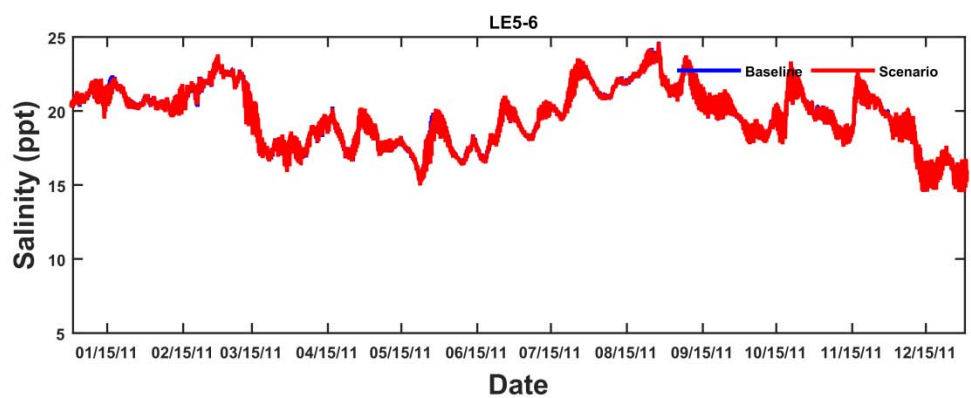
**Baseline versus S04:**



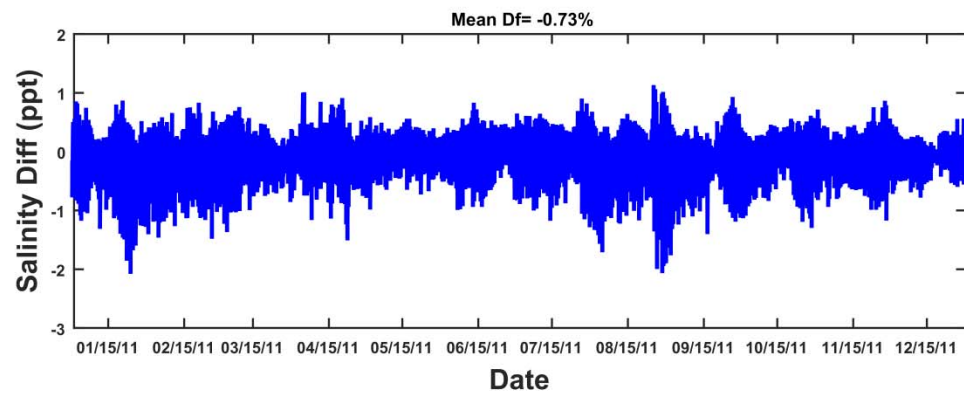
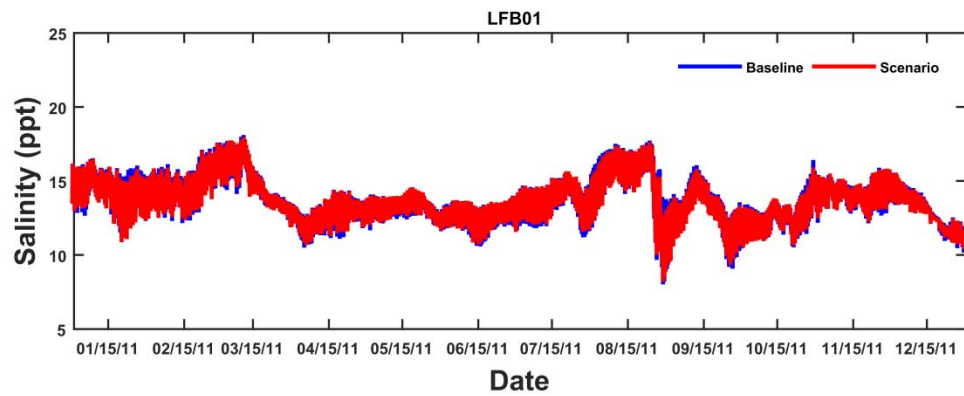
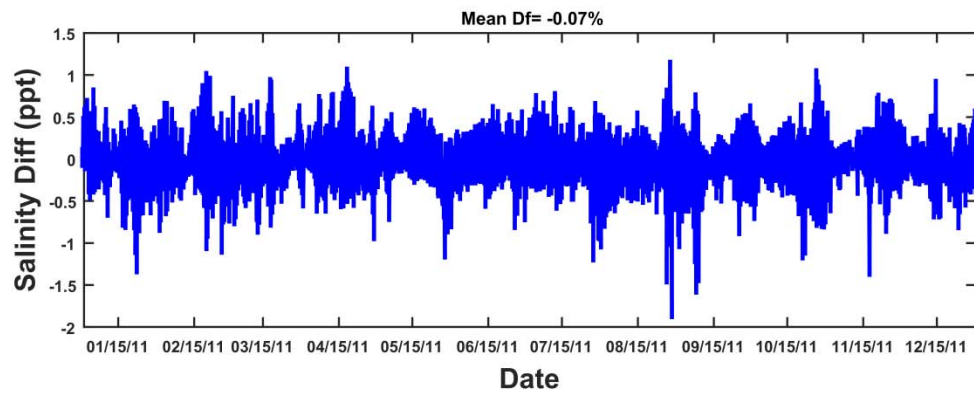
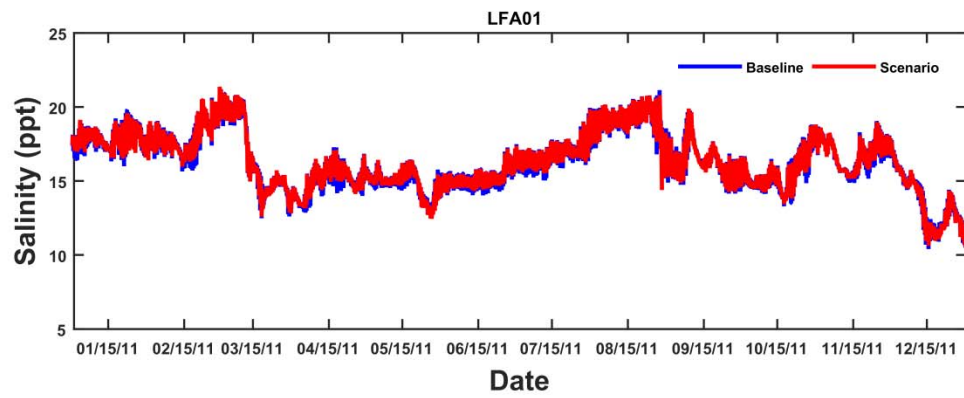




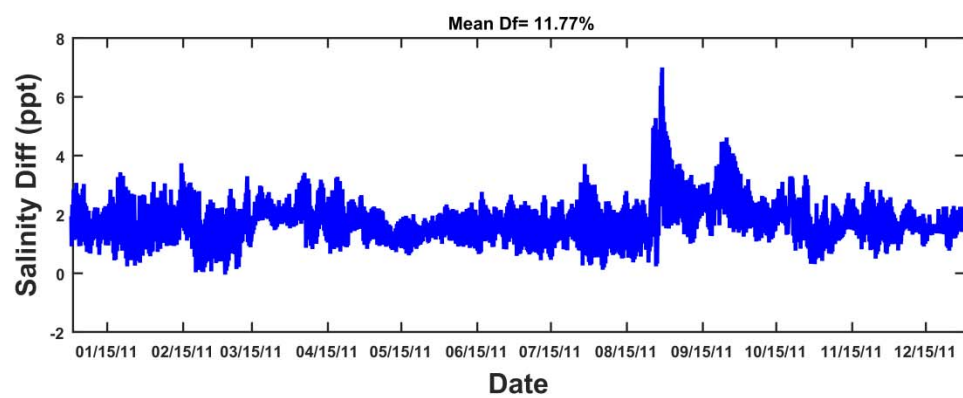
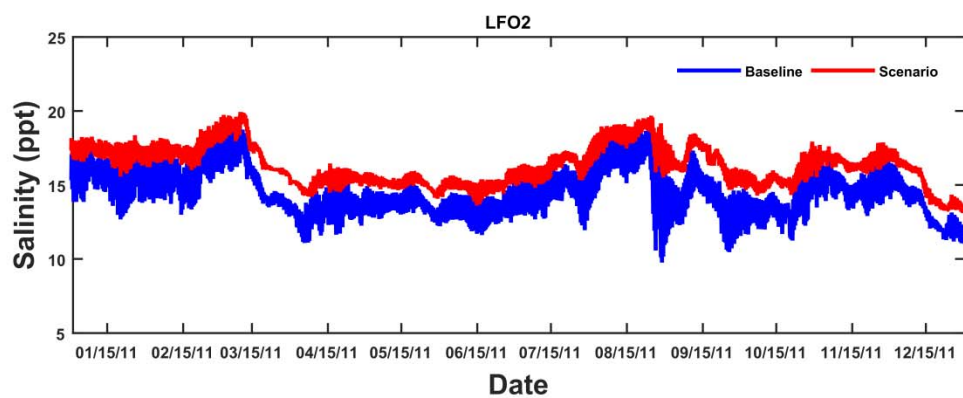
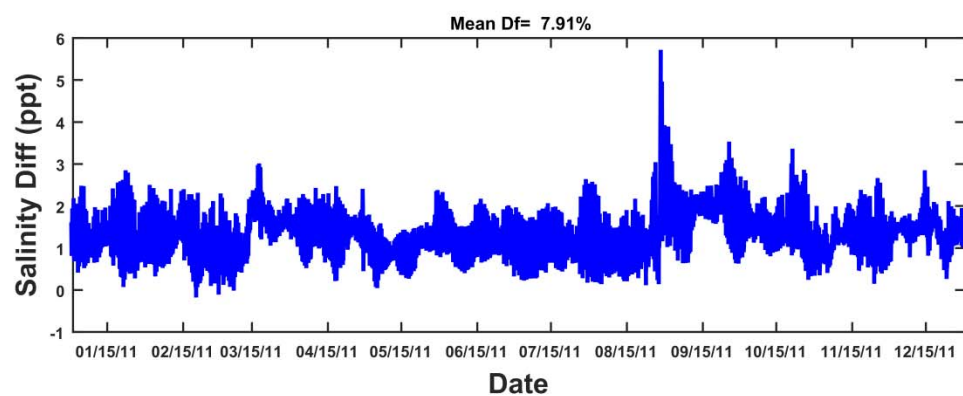
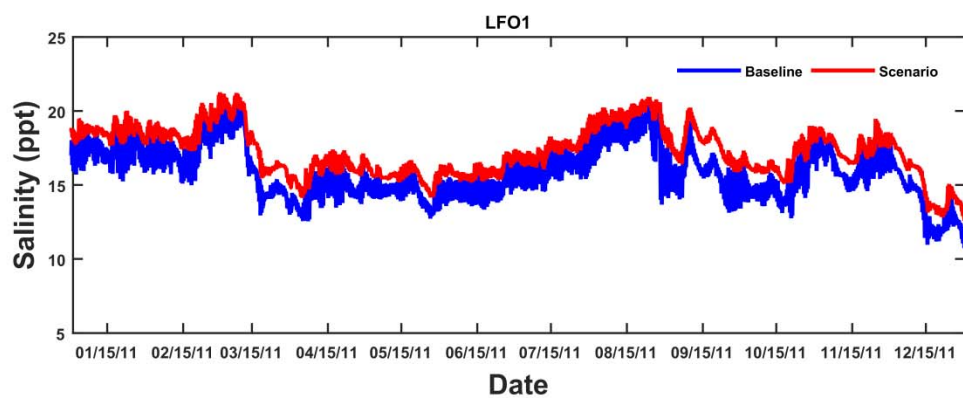


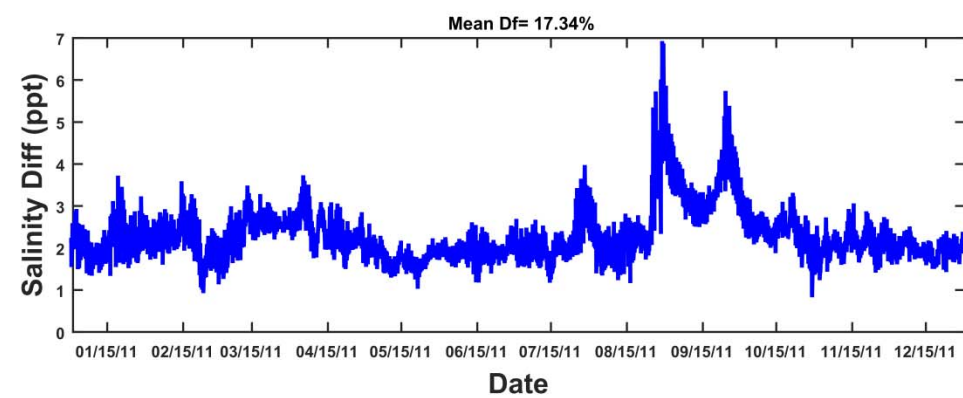
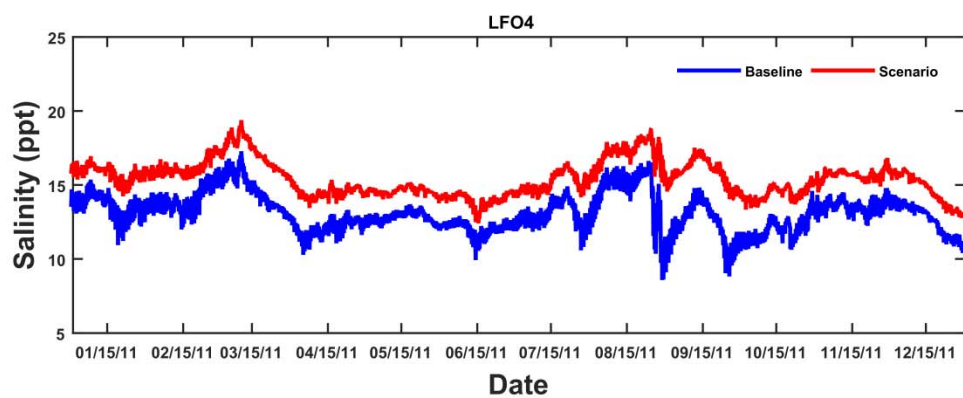
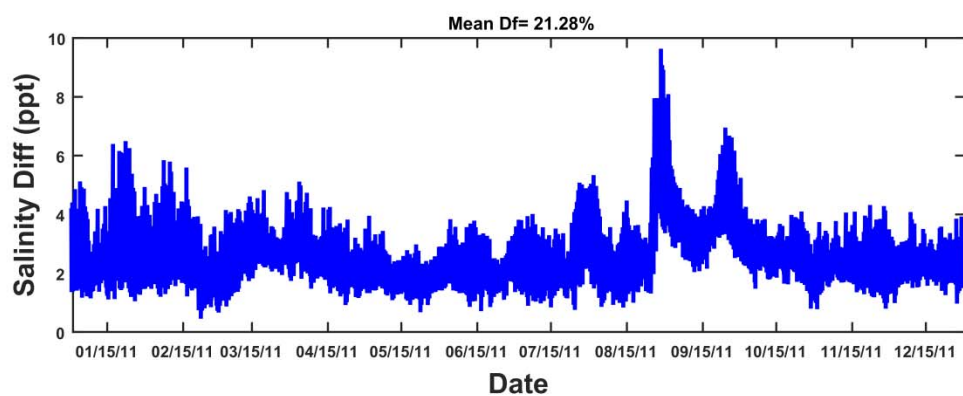
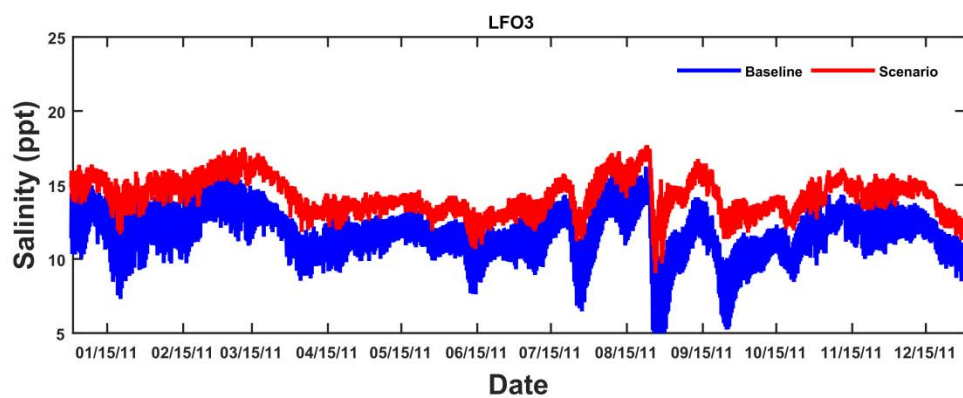


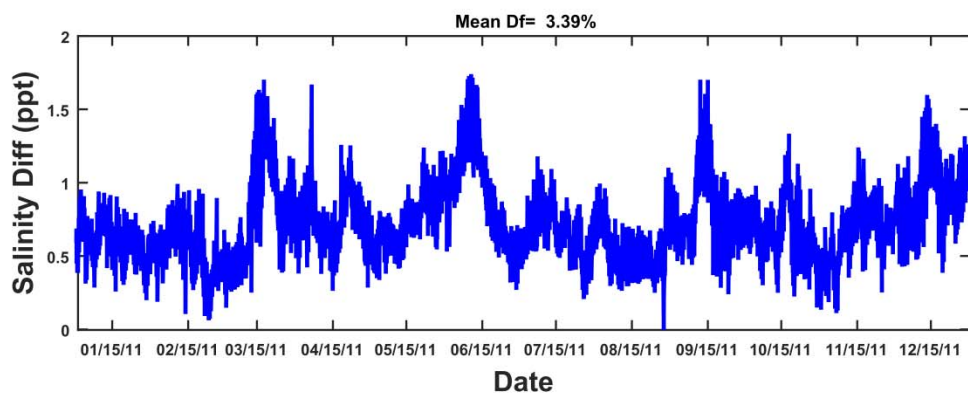
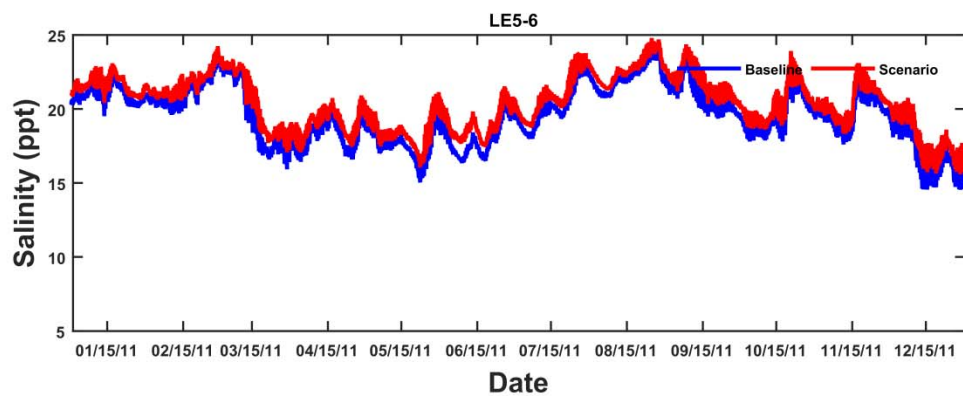
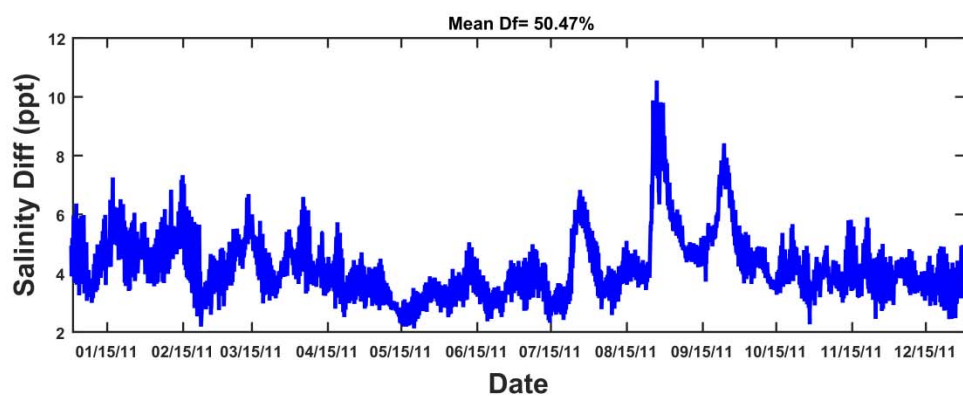
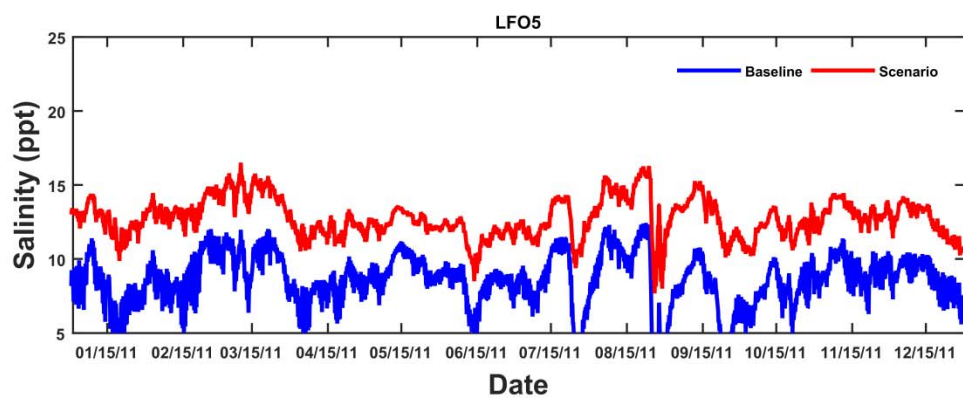


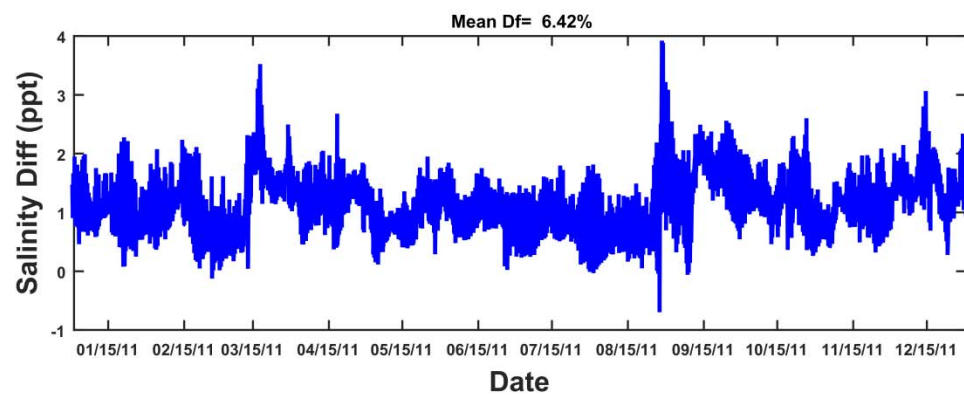
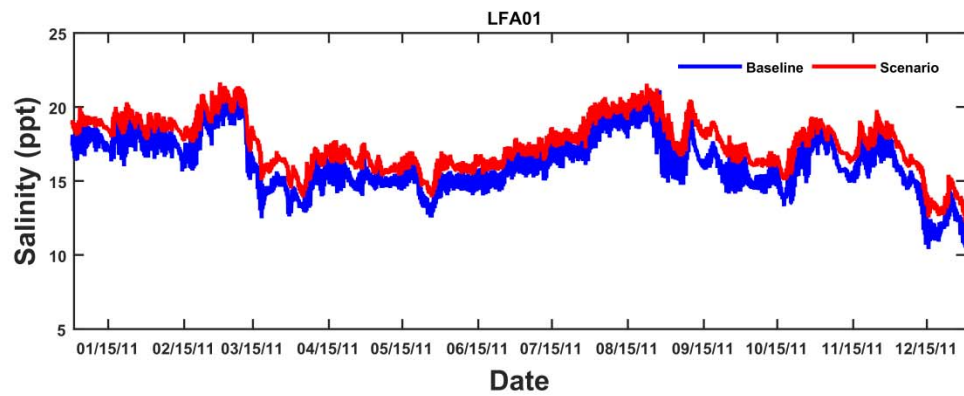
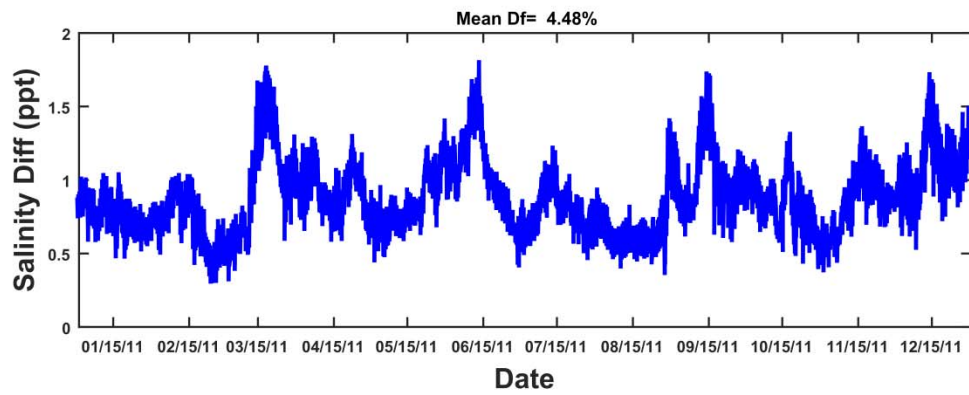
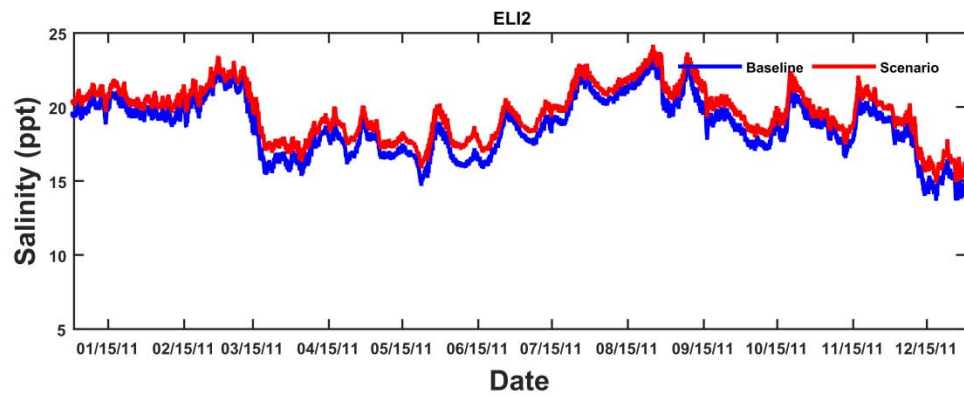


**Baseline versus S05:**

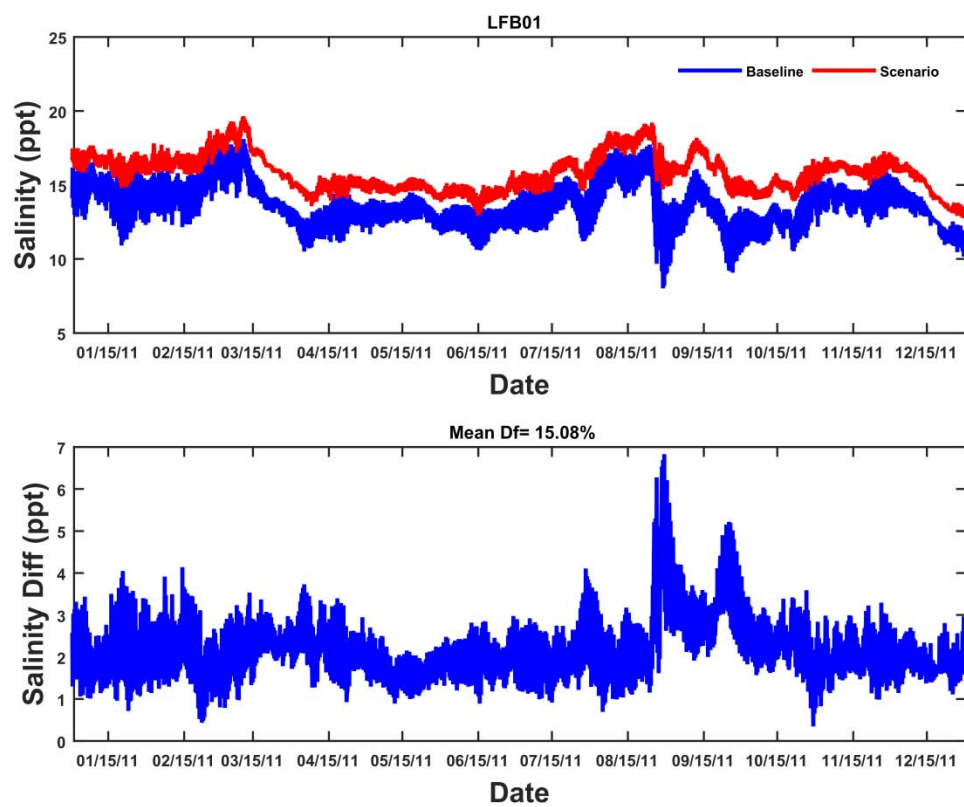






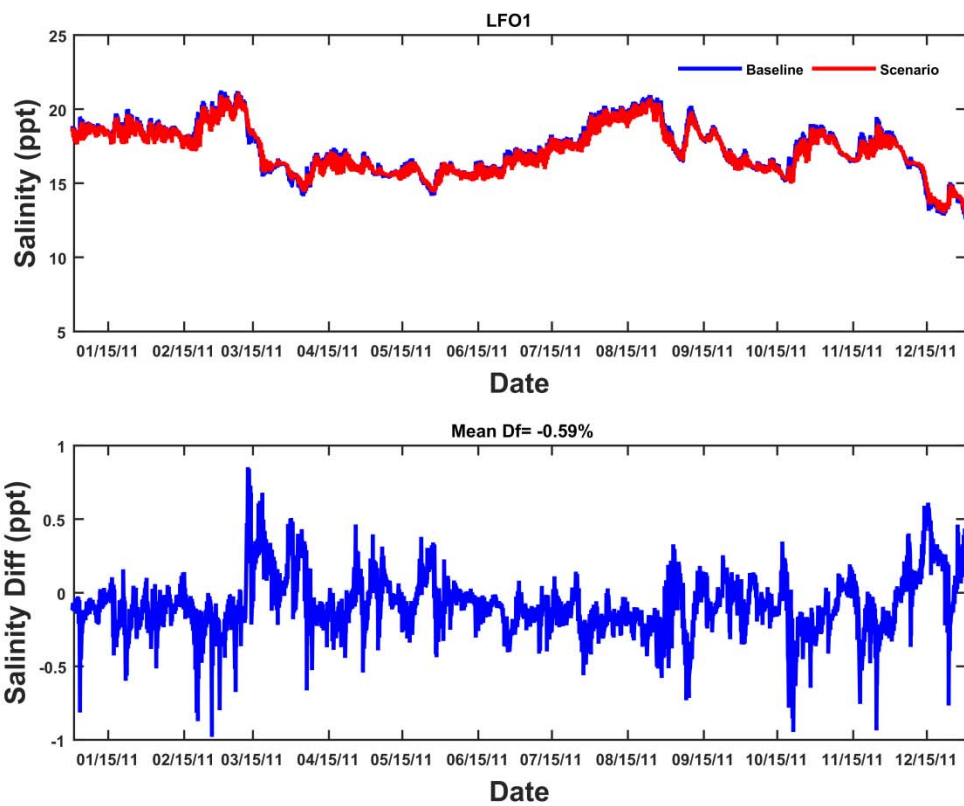


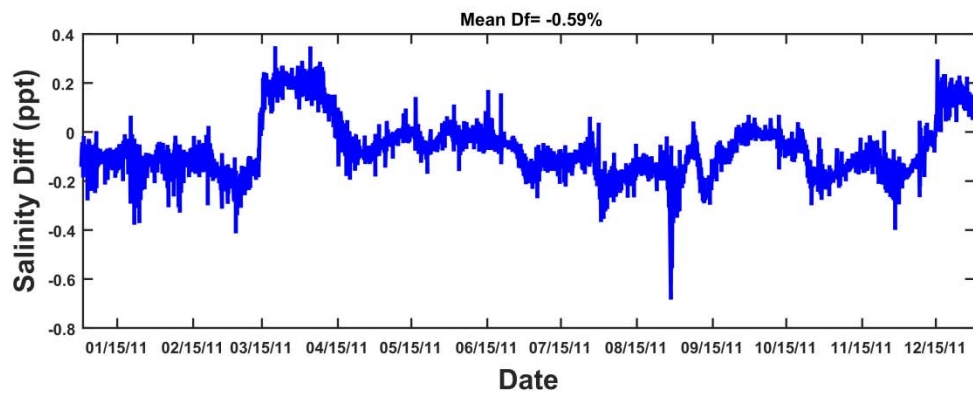
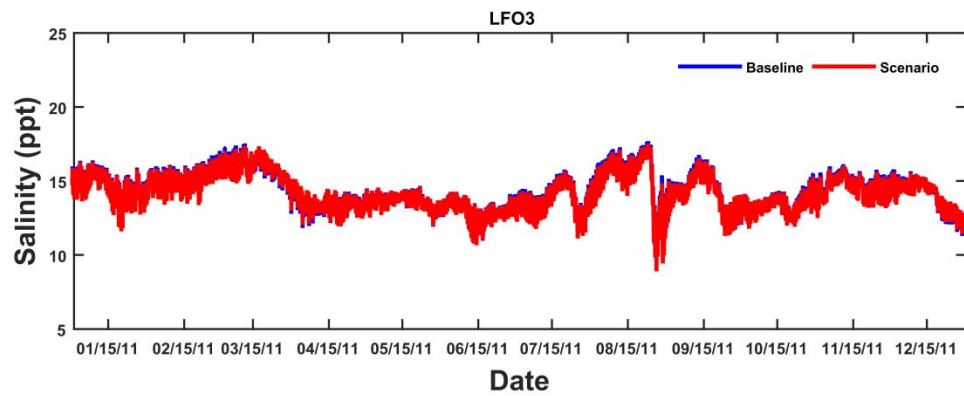
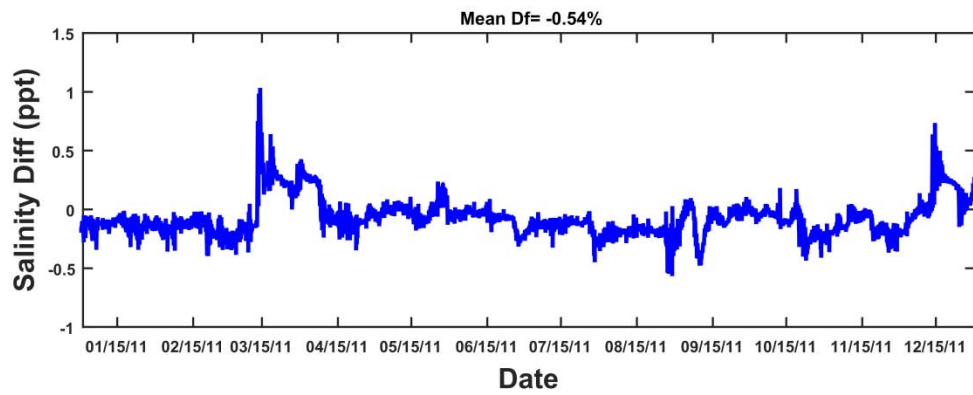
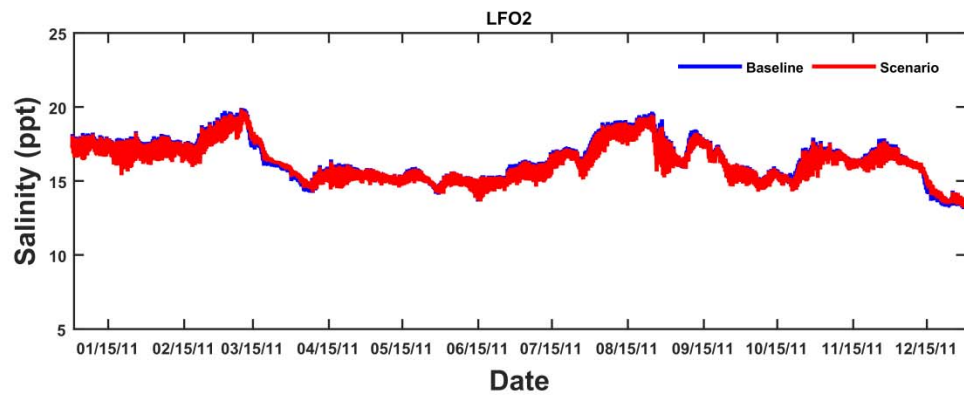


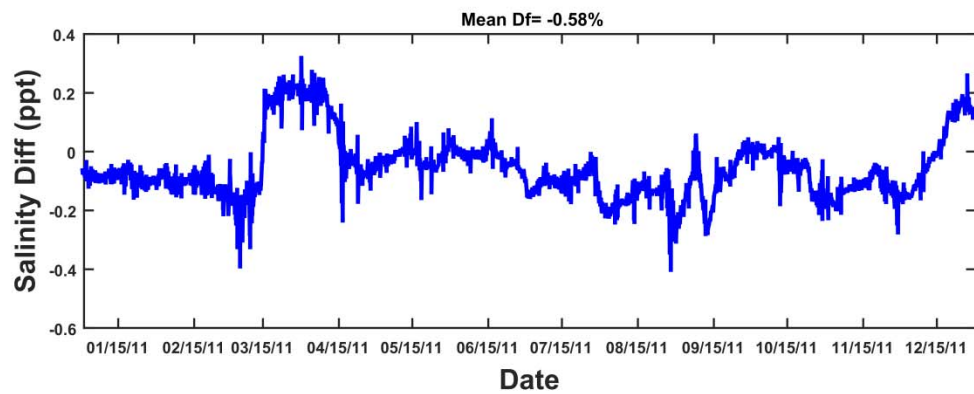
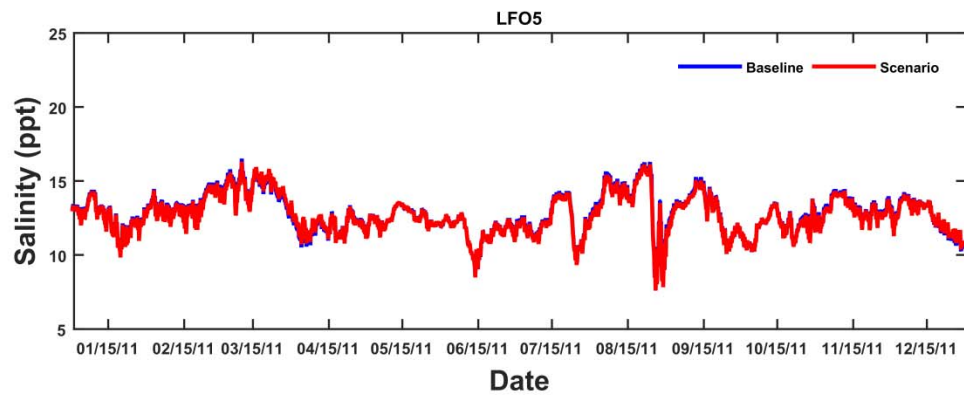
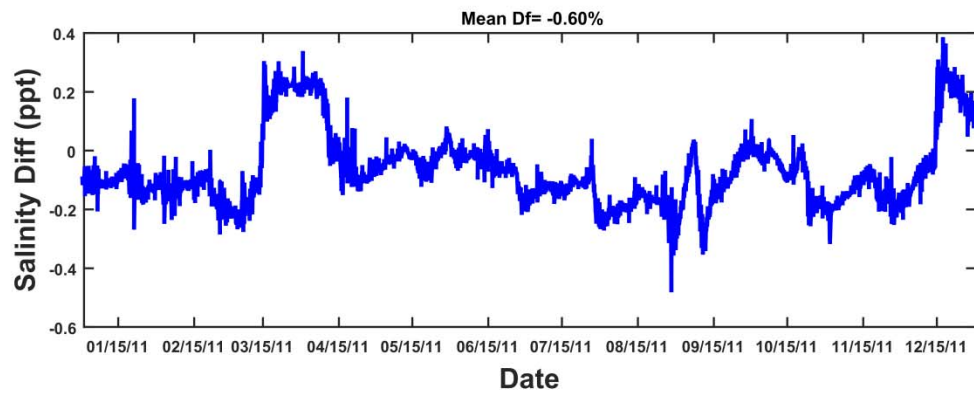
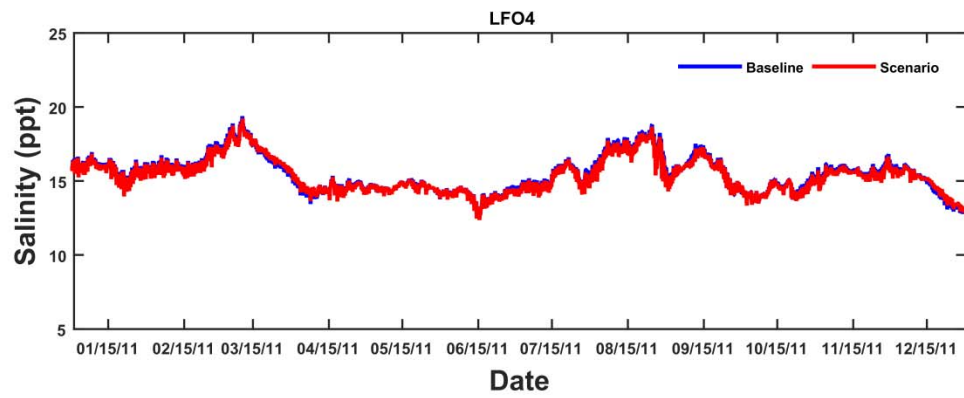


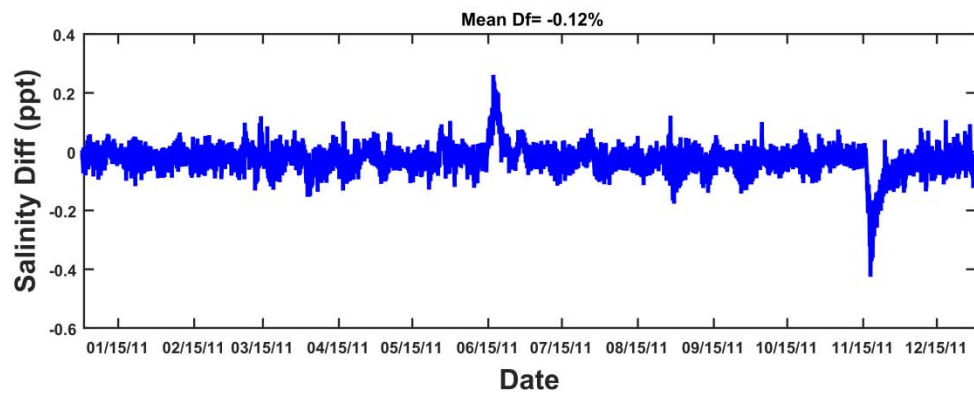
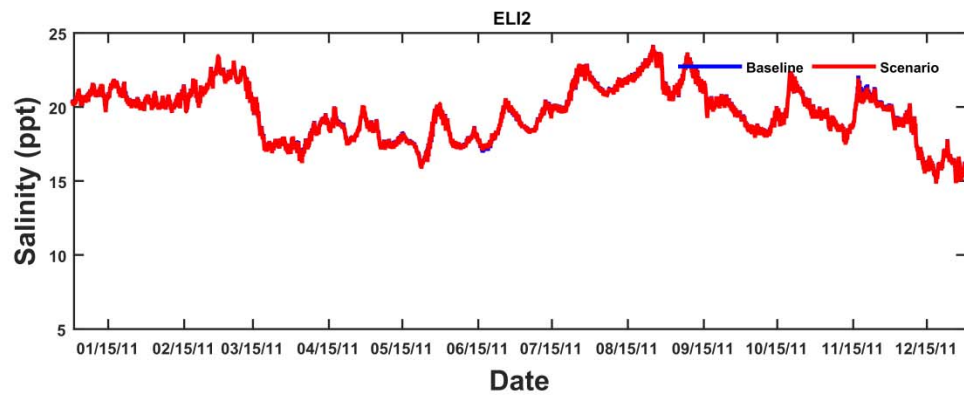
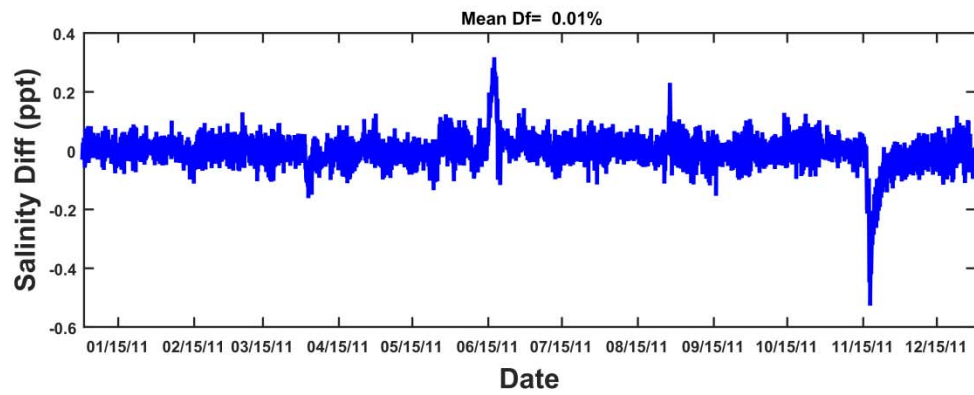
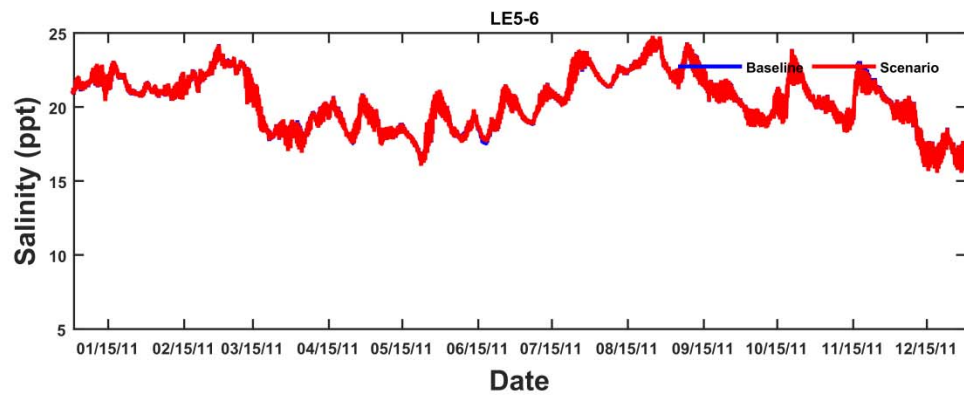
**S05 versus S06:**

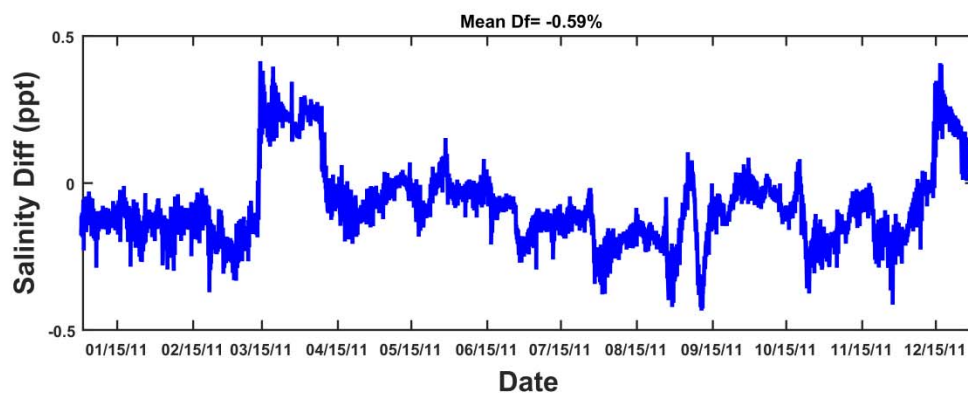
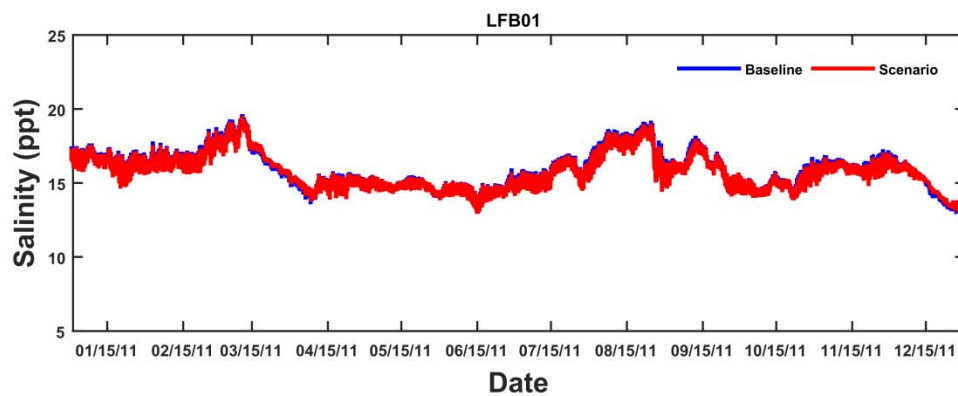
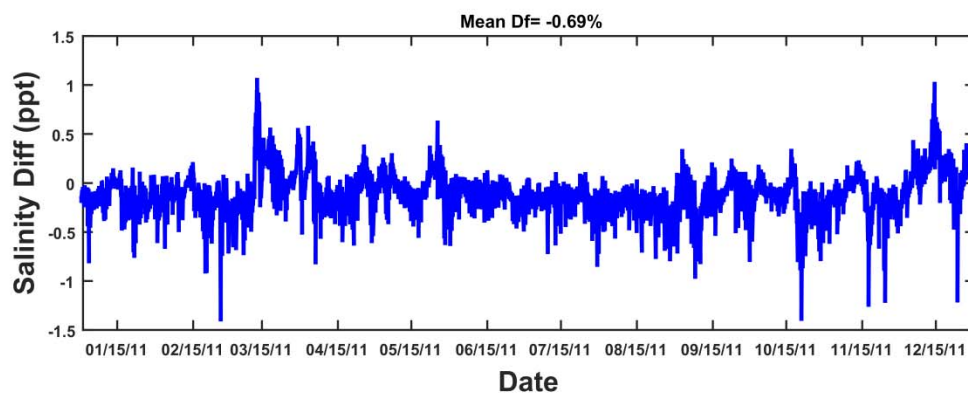
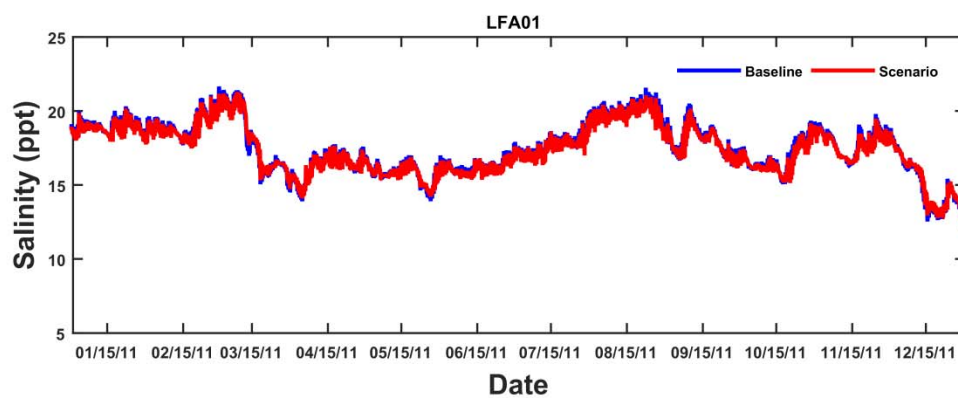




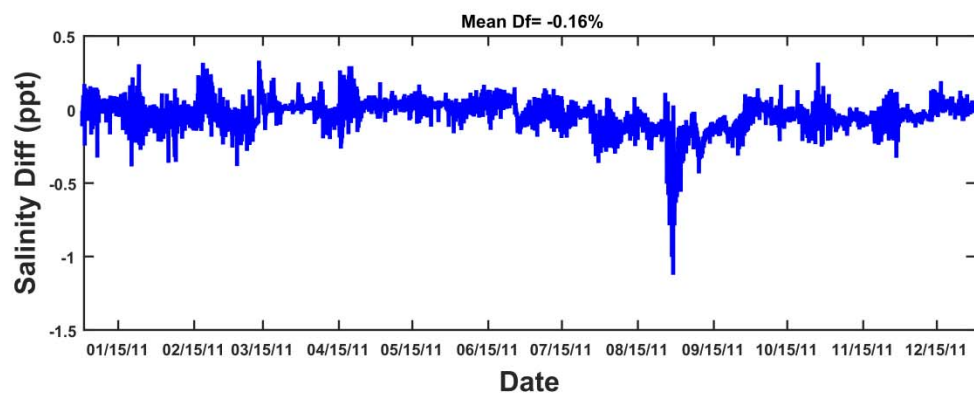
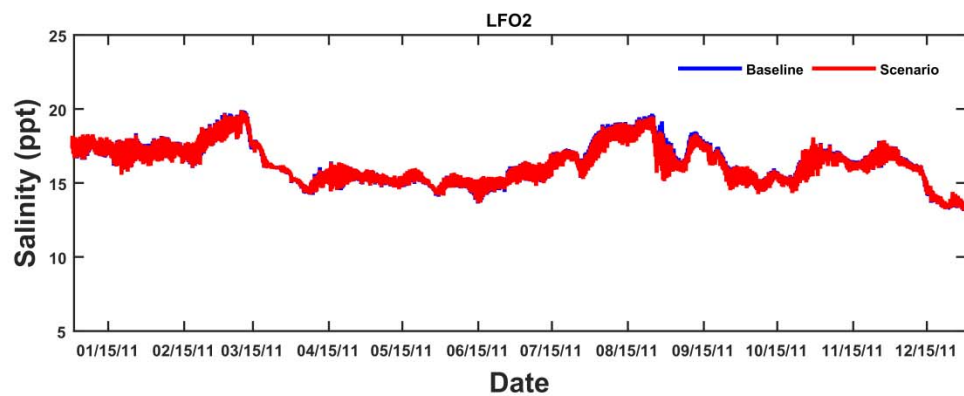
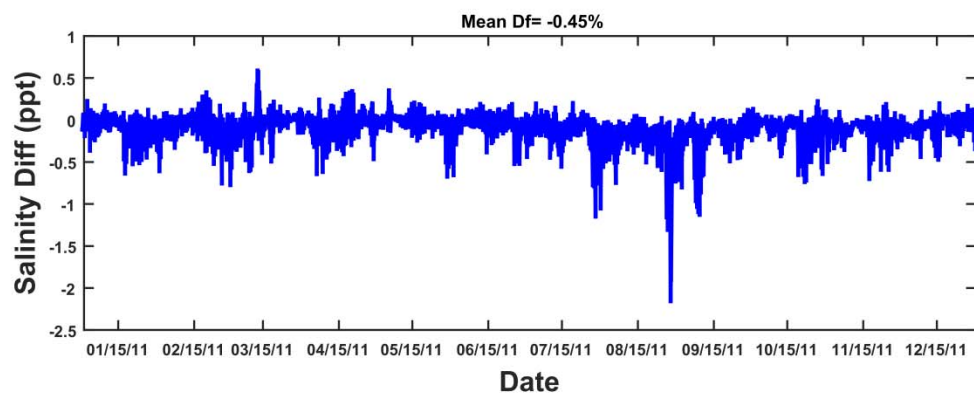
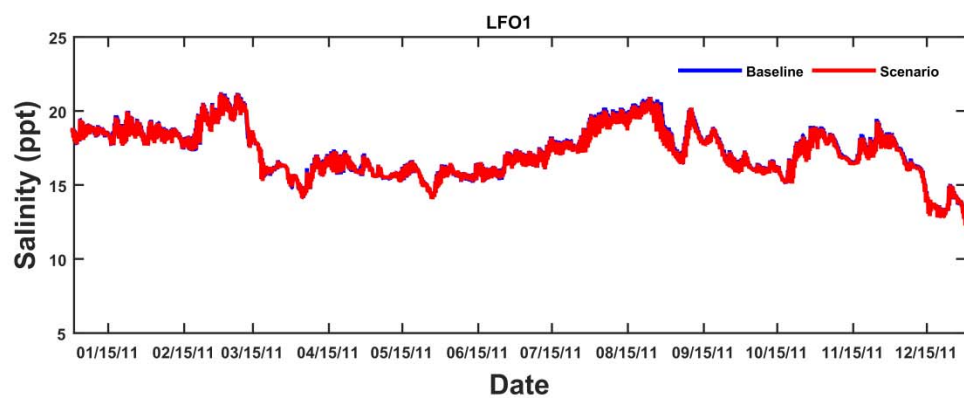




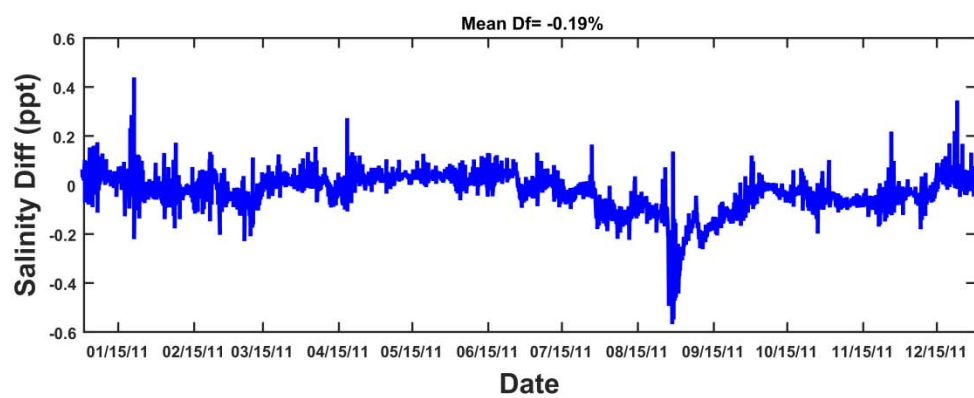
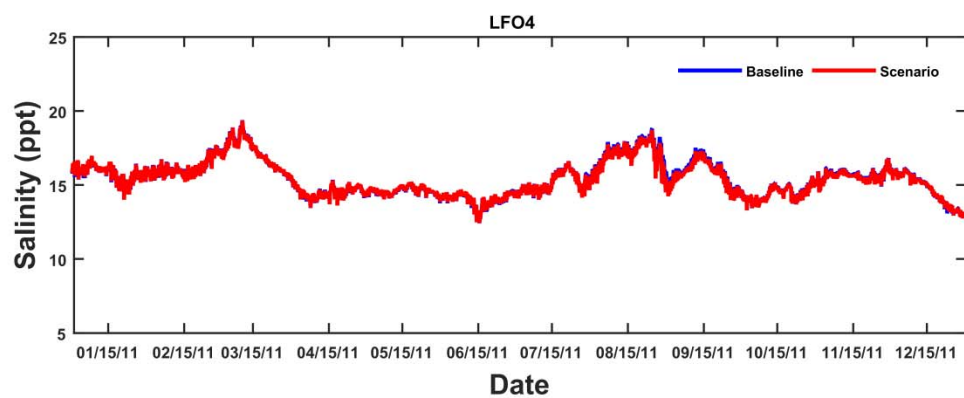
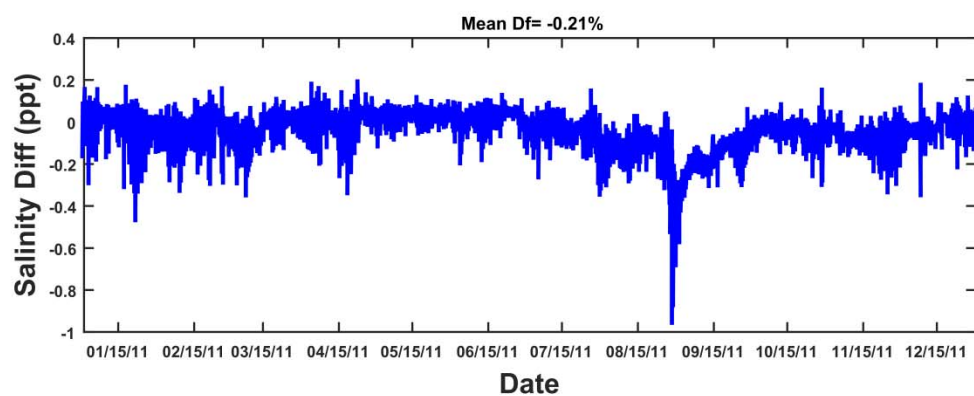
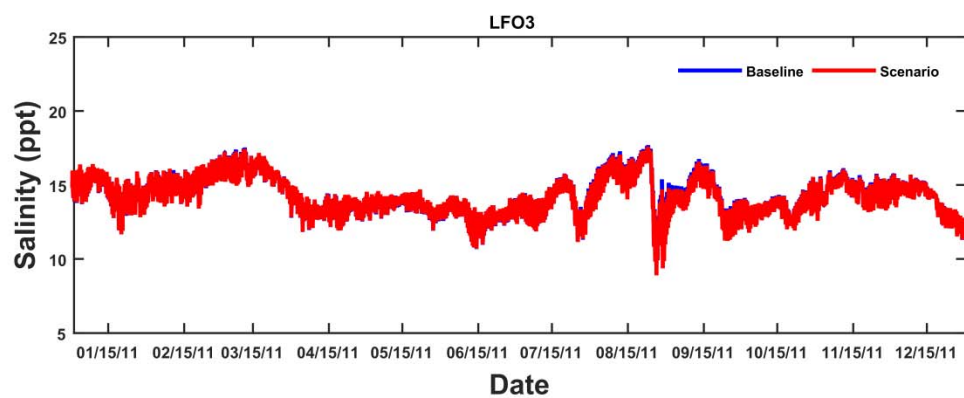




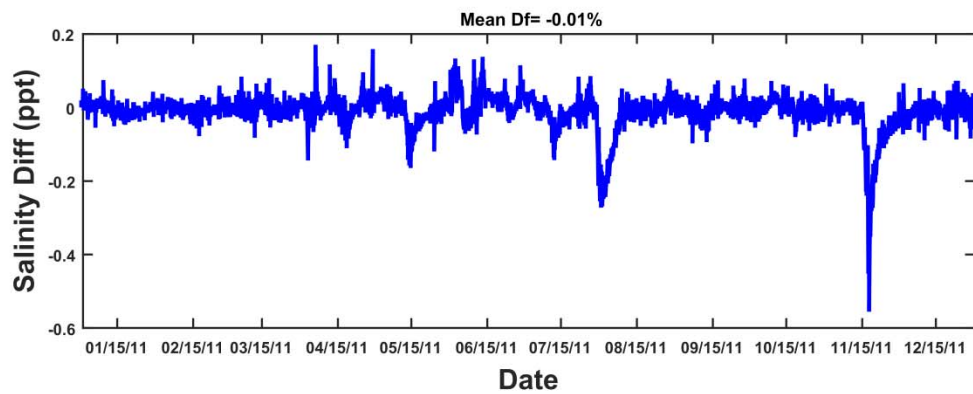
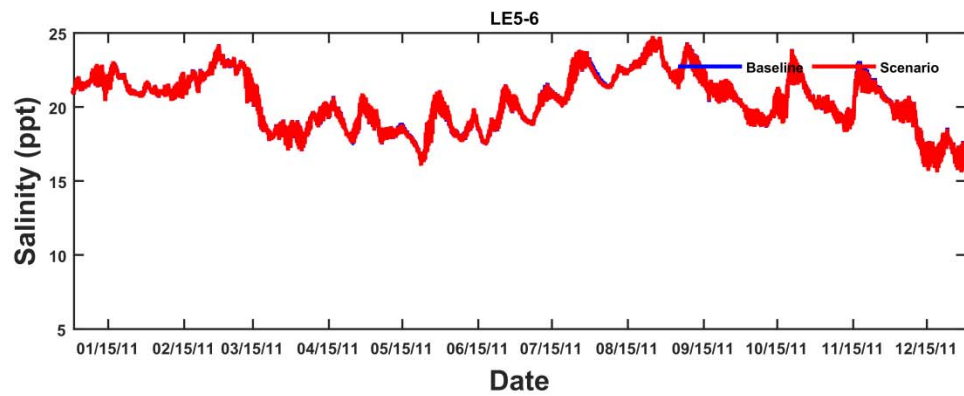
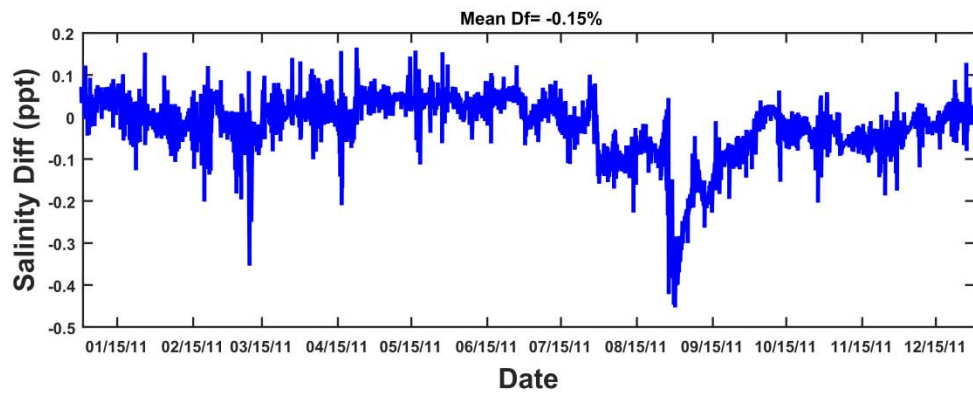
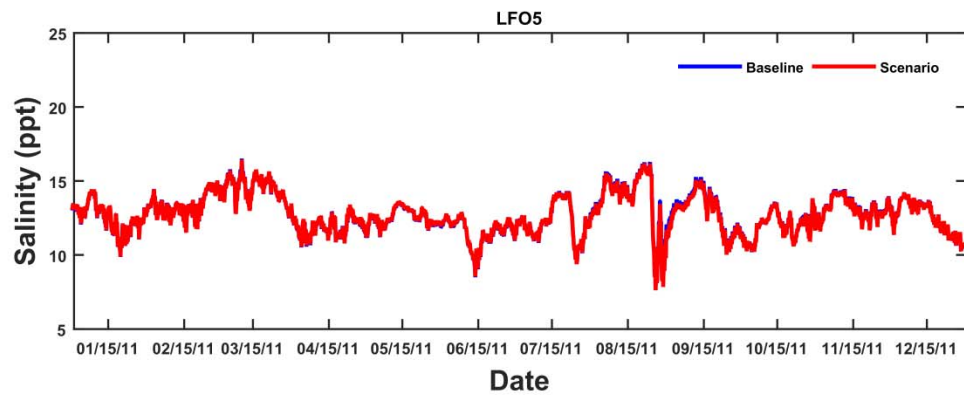
**S05 versus S07:**

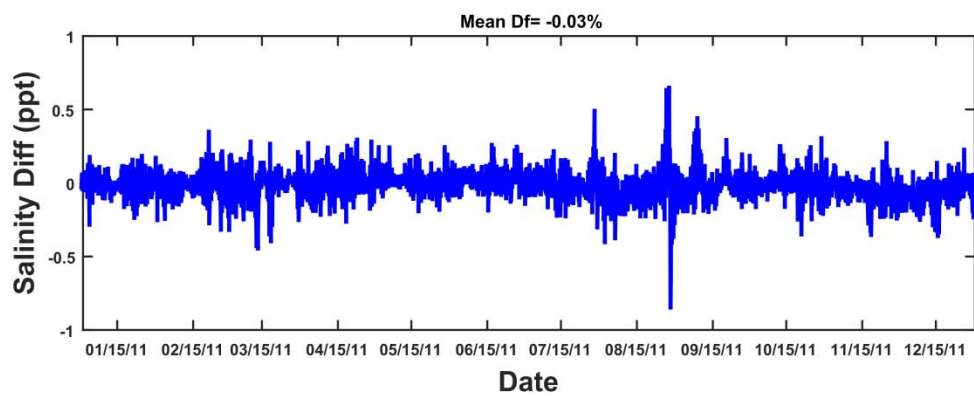
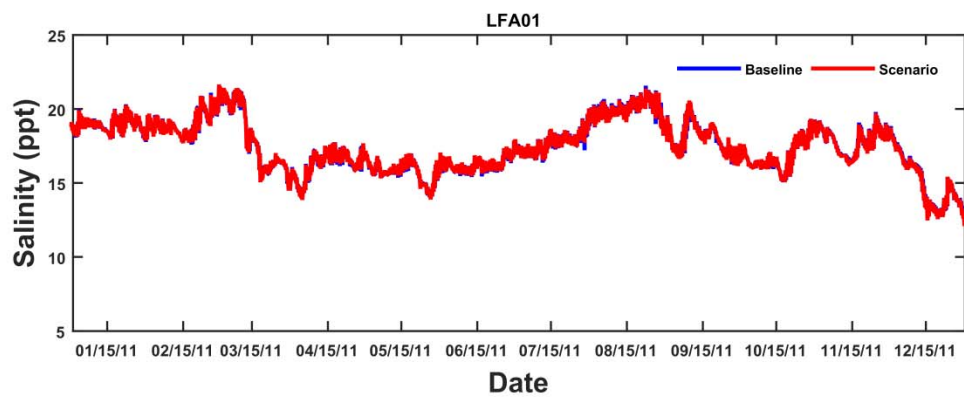
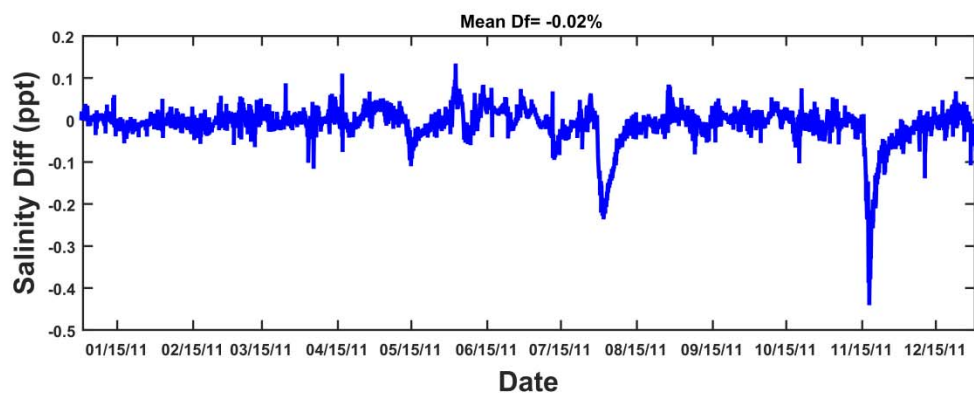
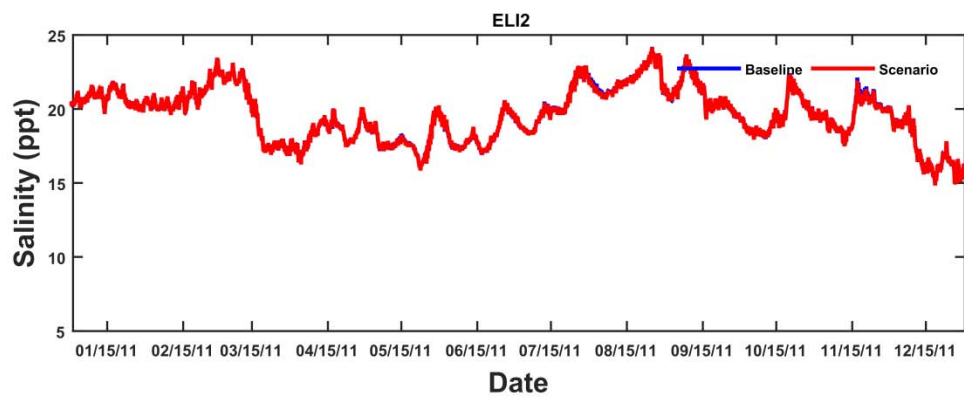


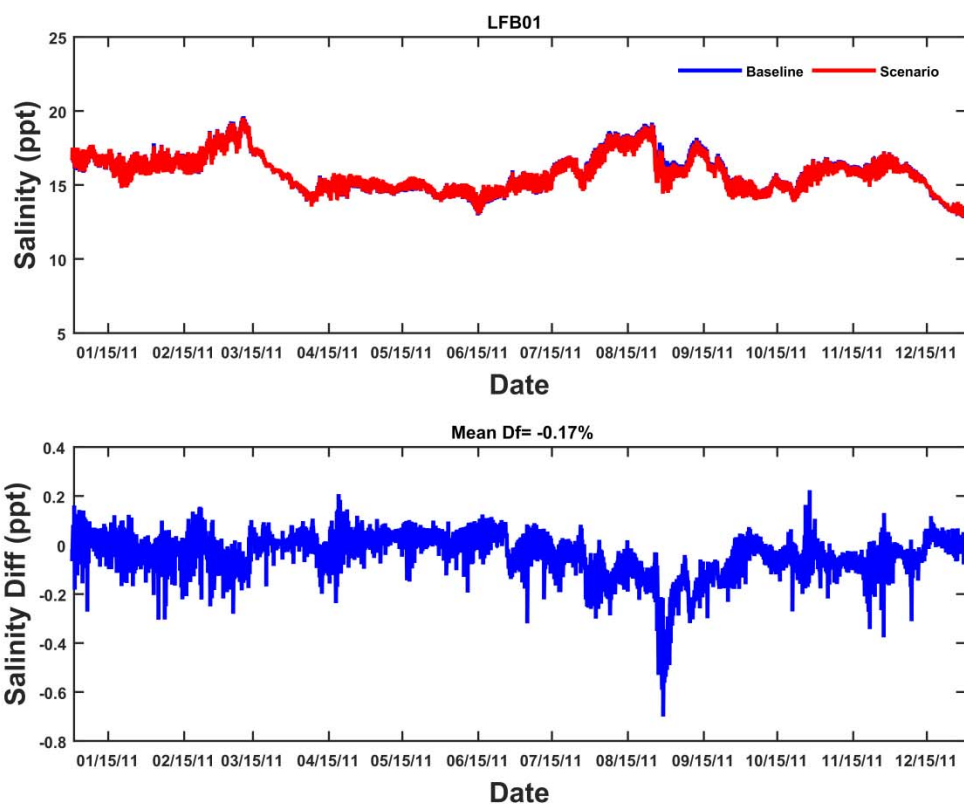




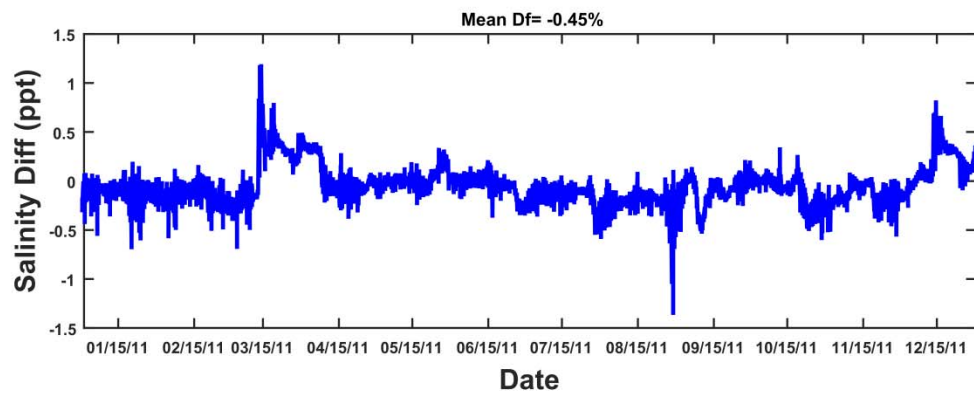
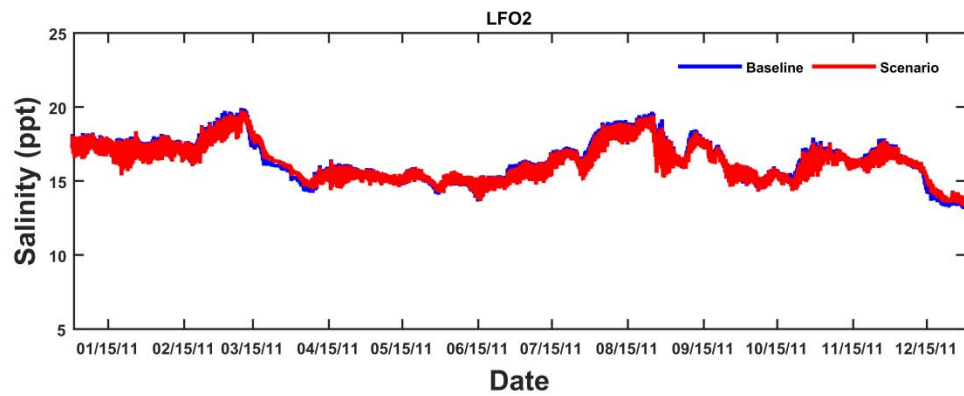
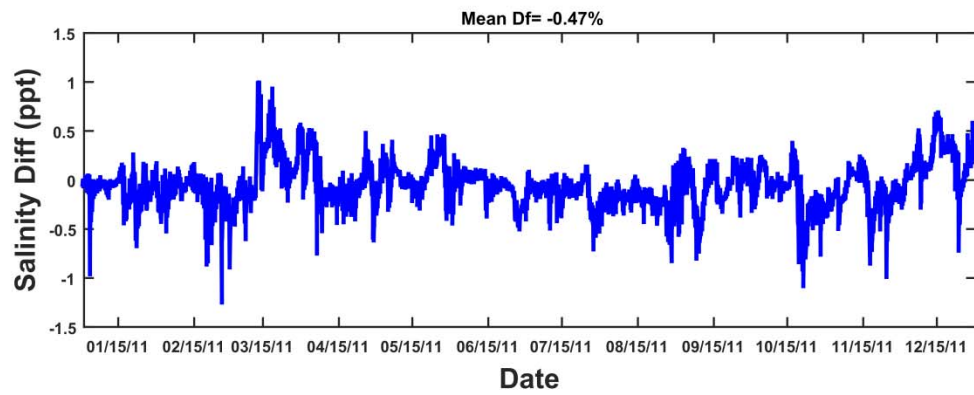
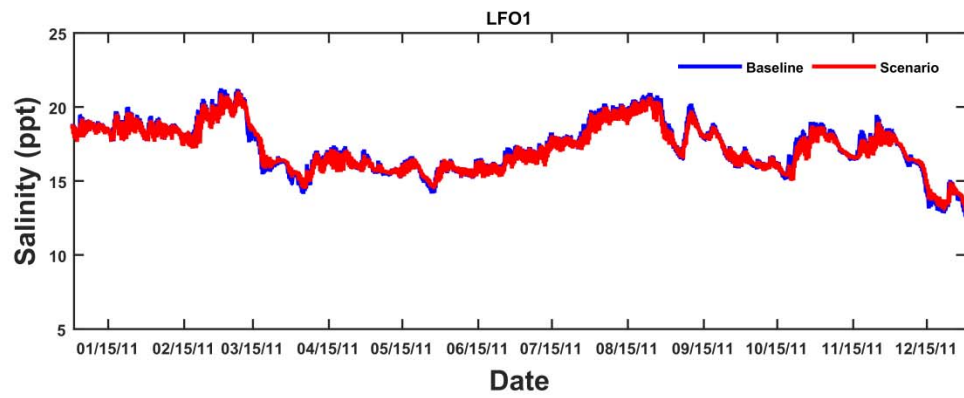


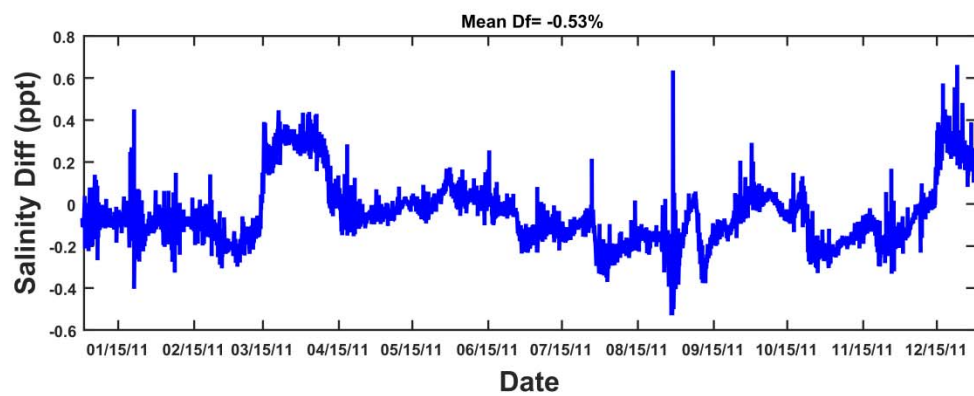
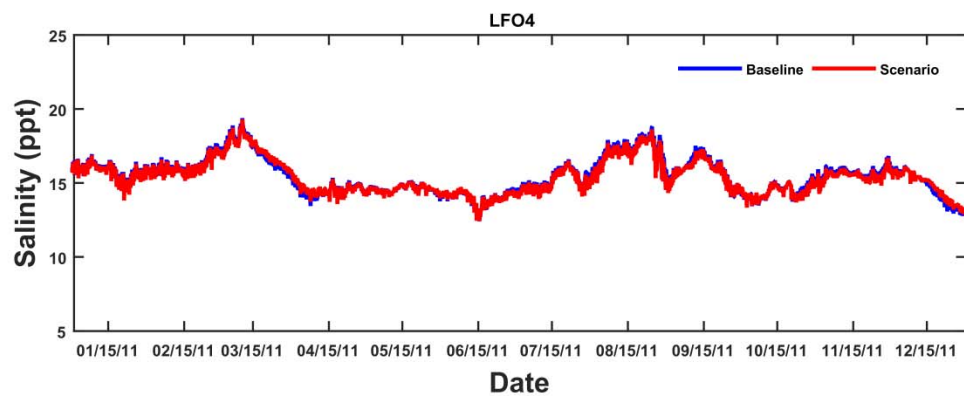
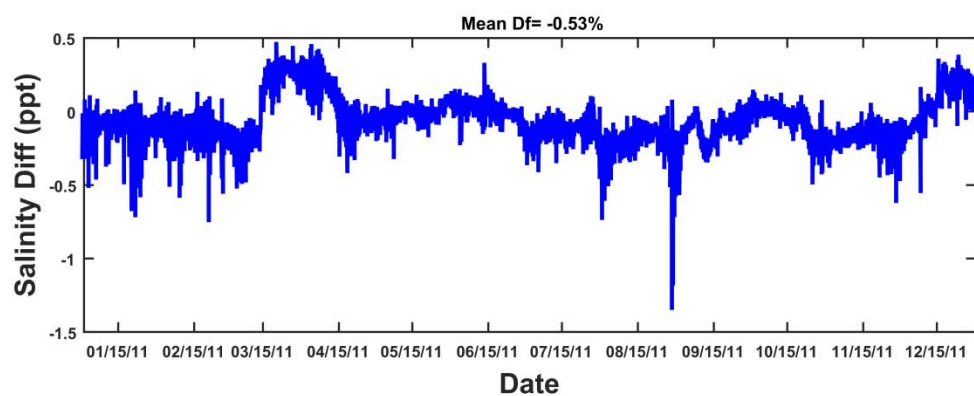
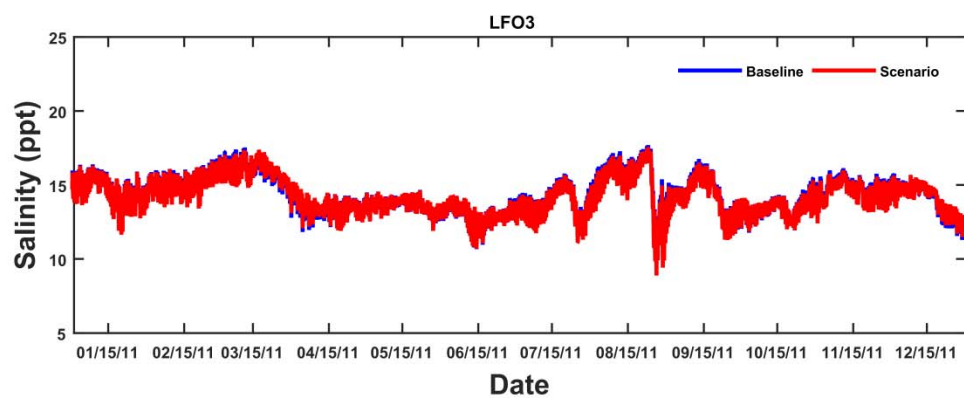


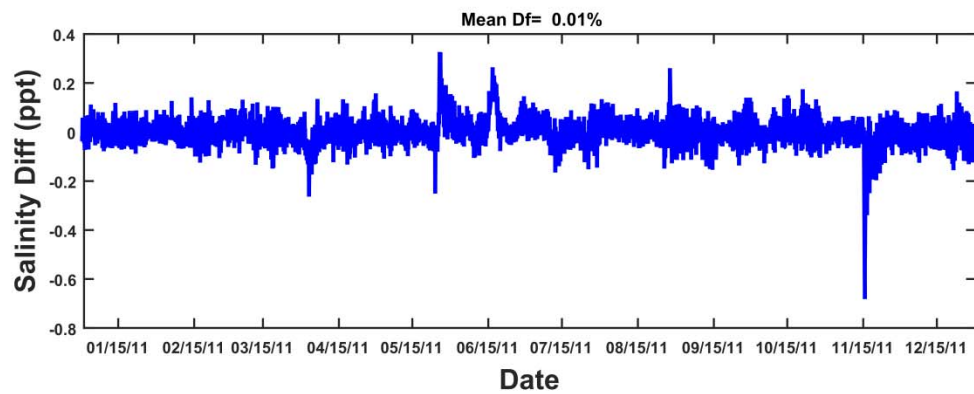
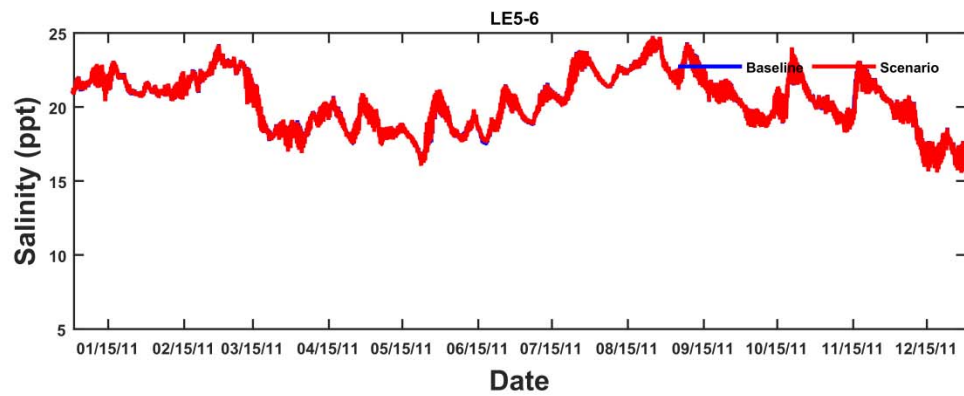
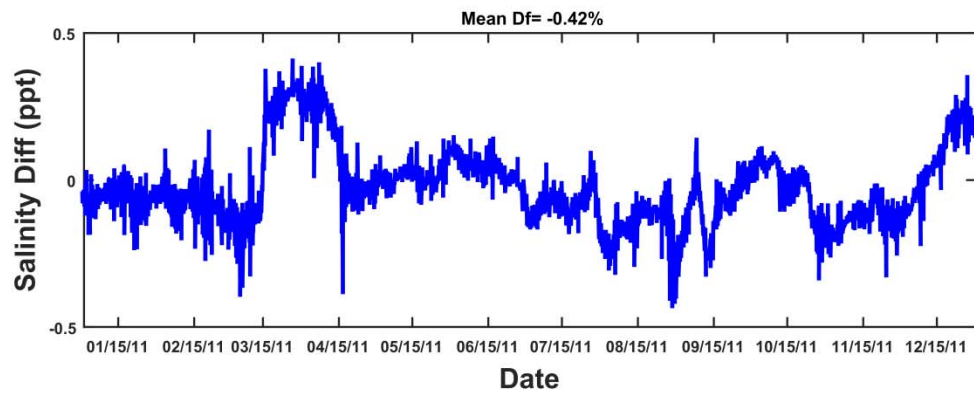
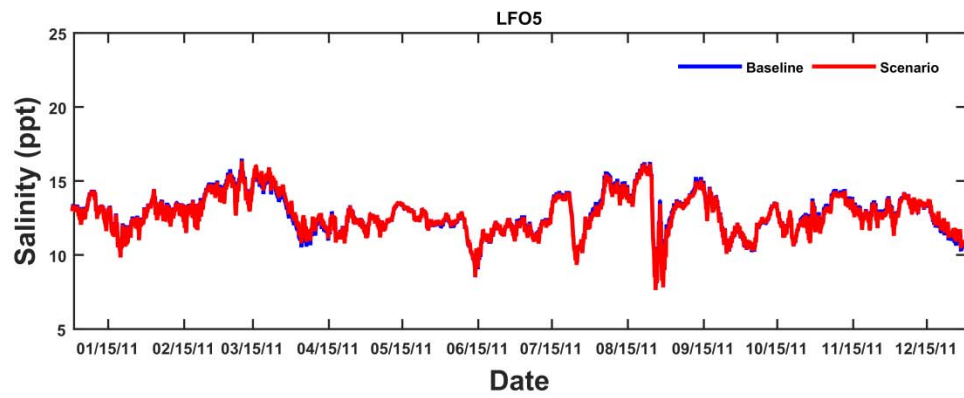




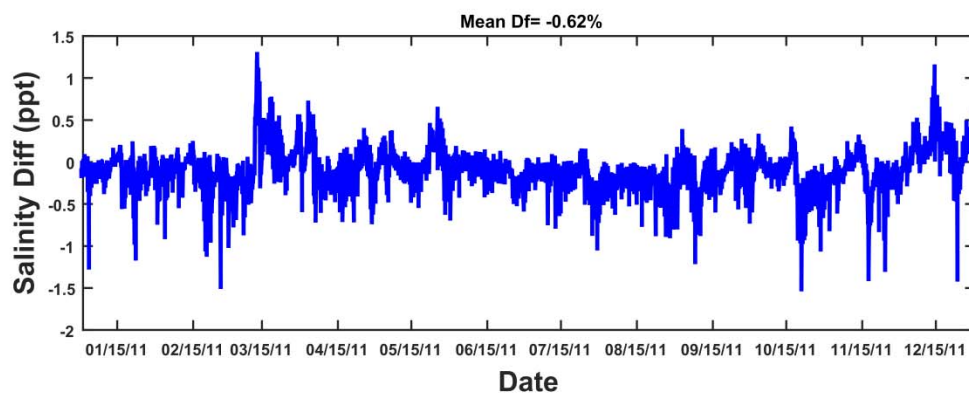
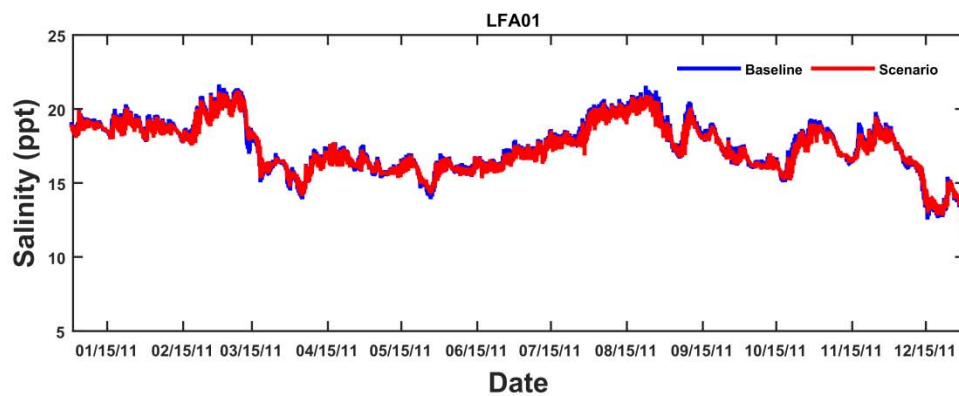
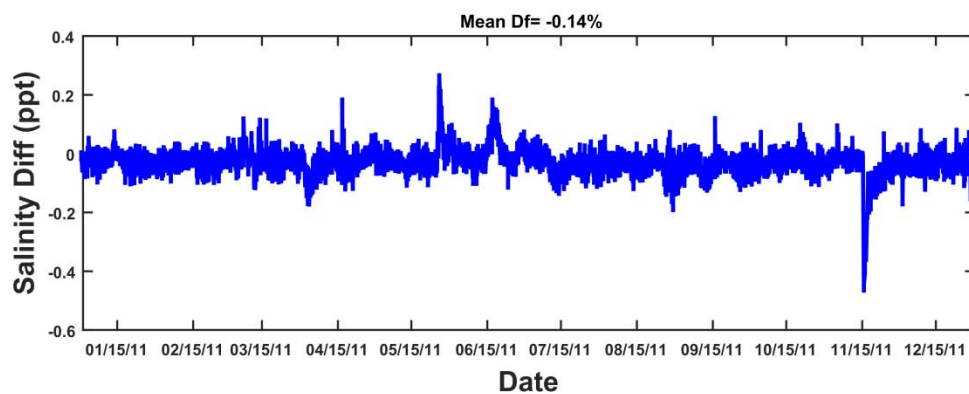
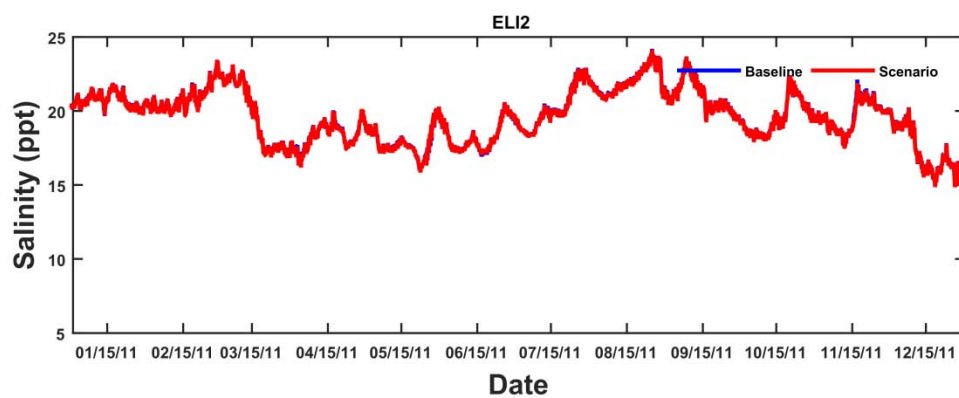
**S05 versus S08:**

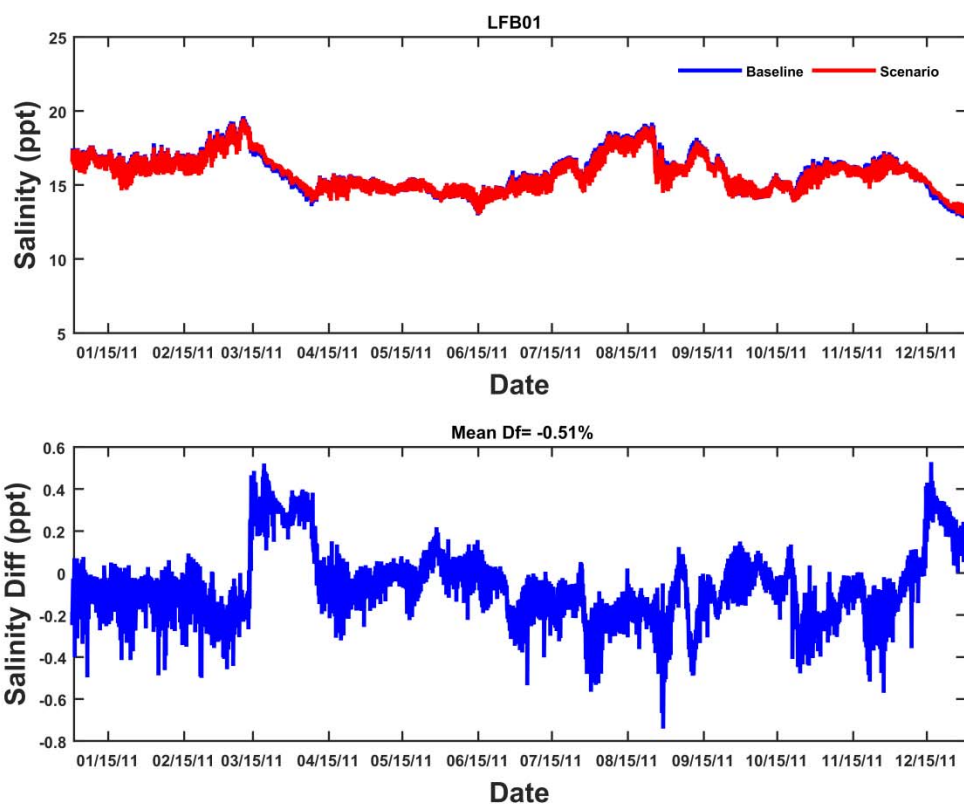




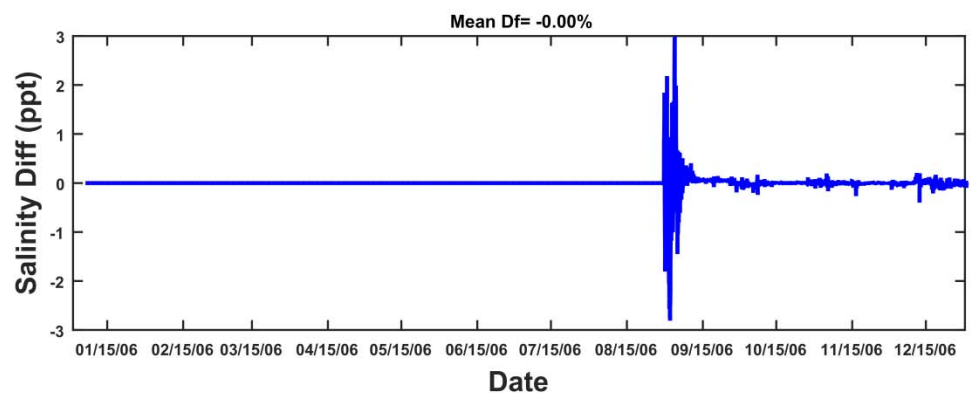
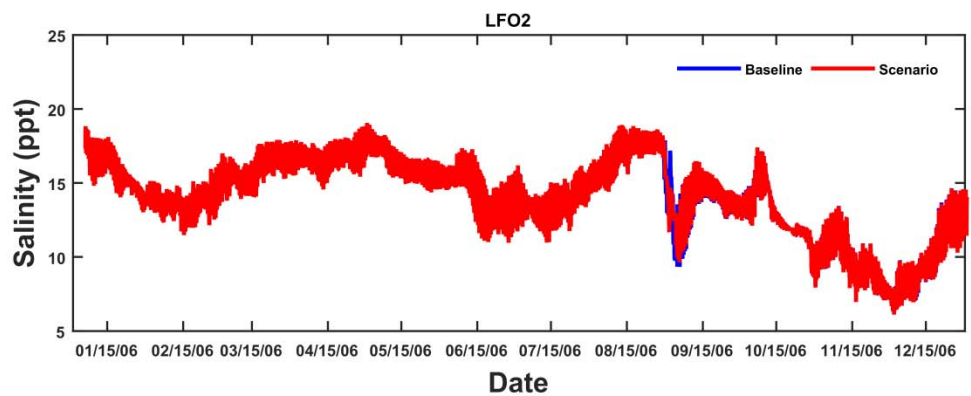
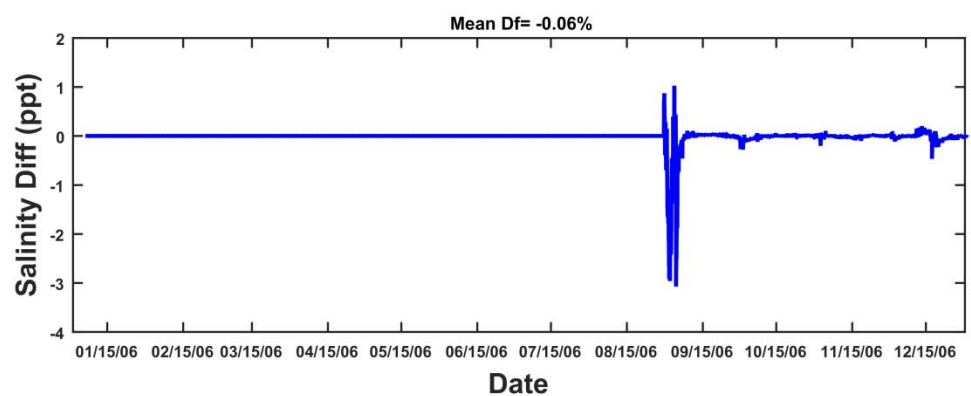
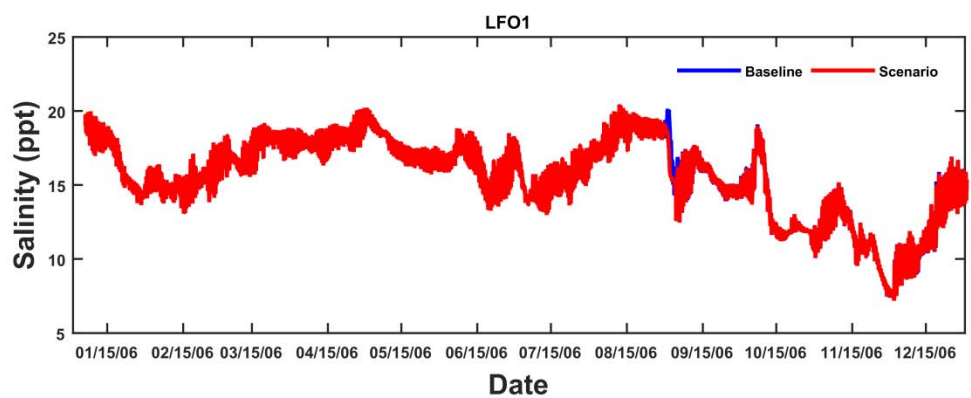


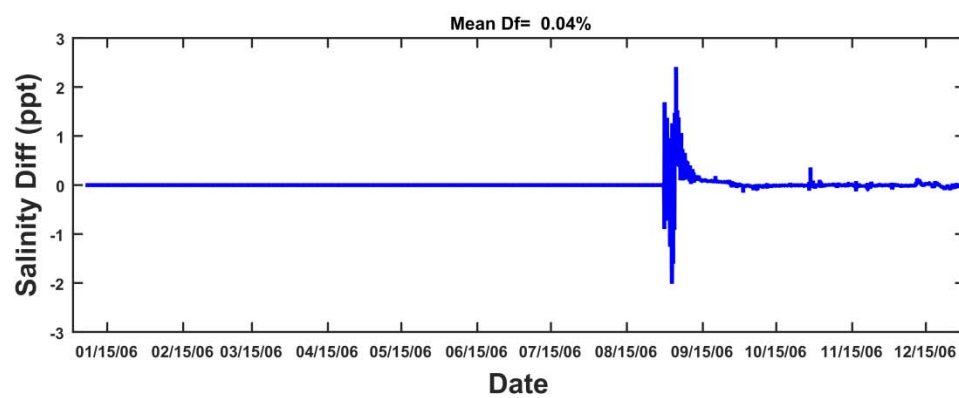
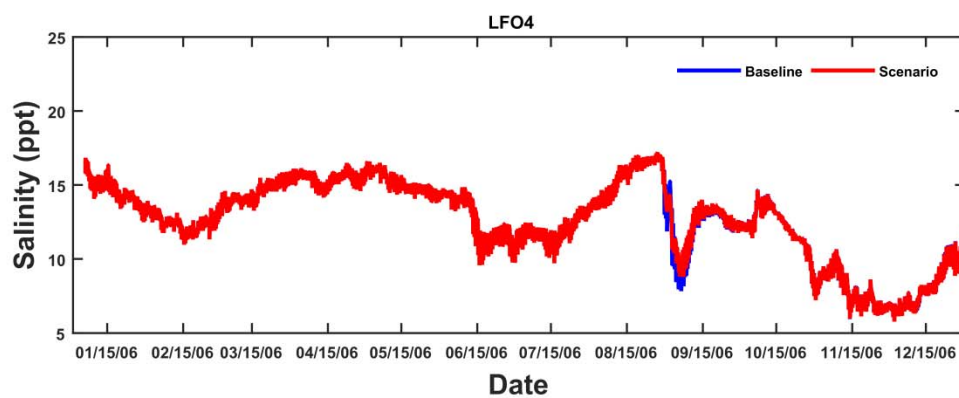
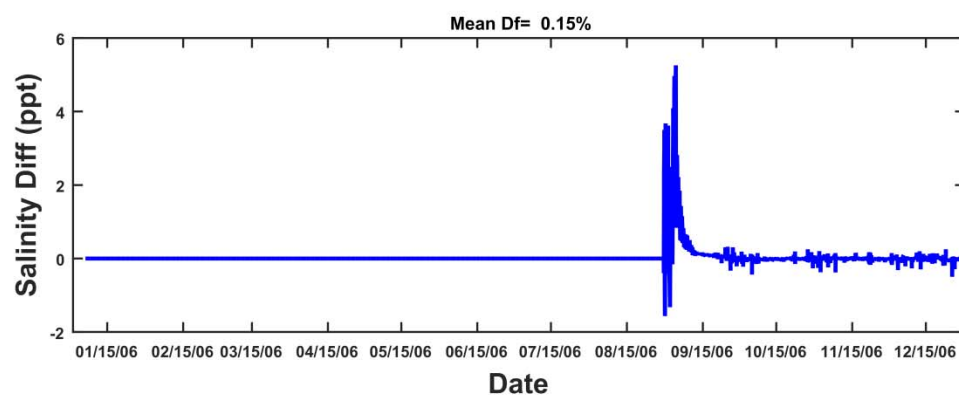
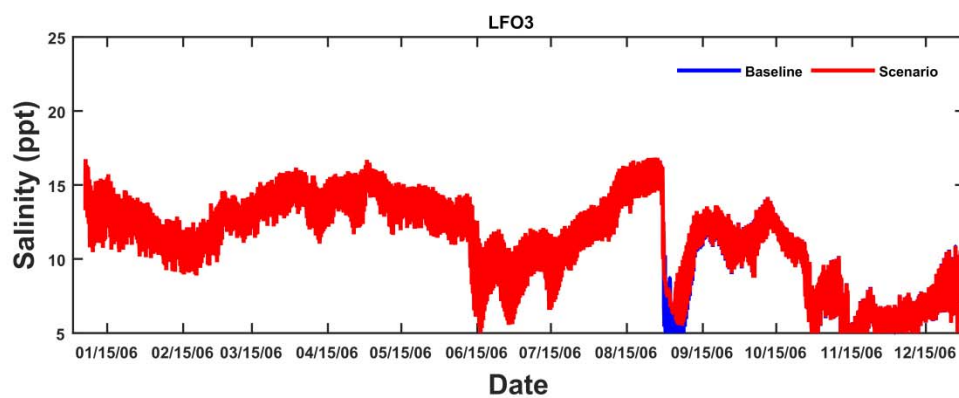


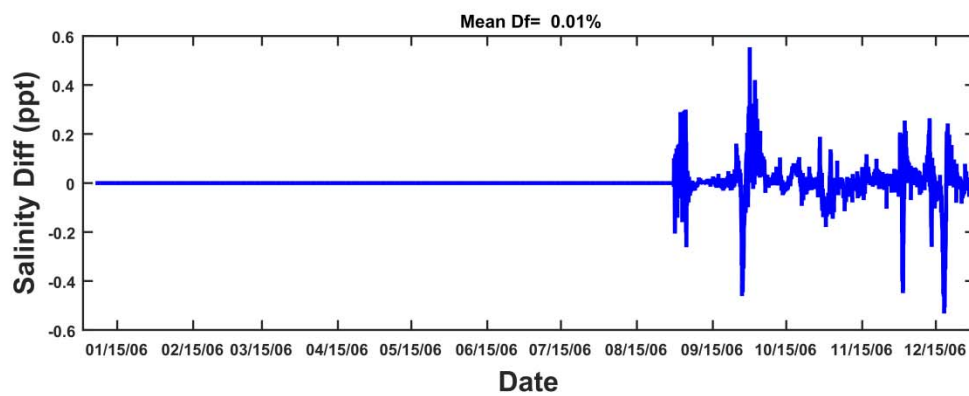
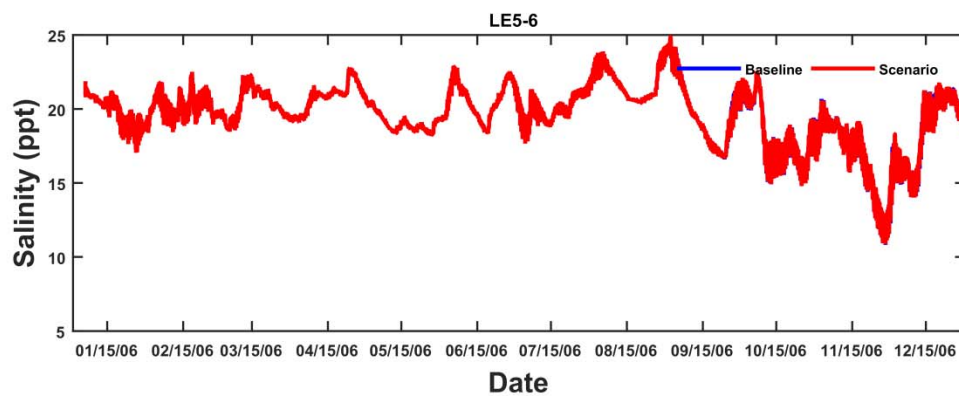
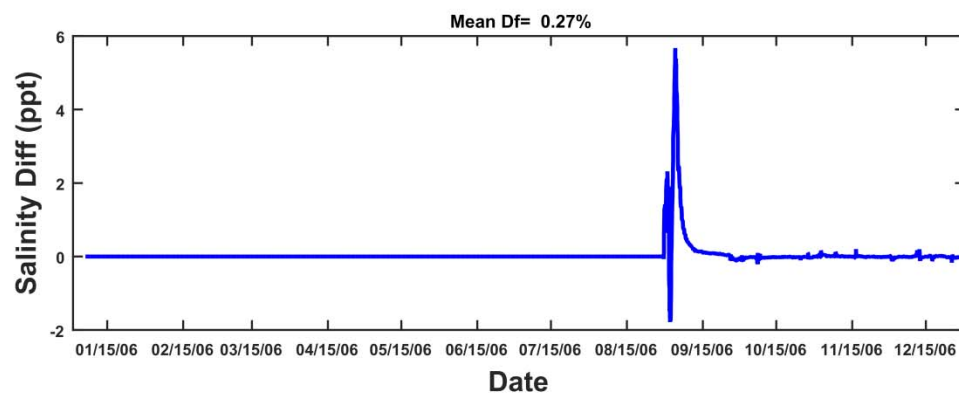
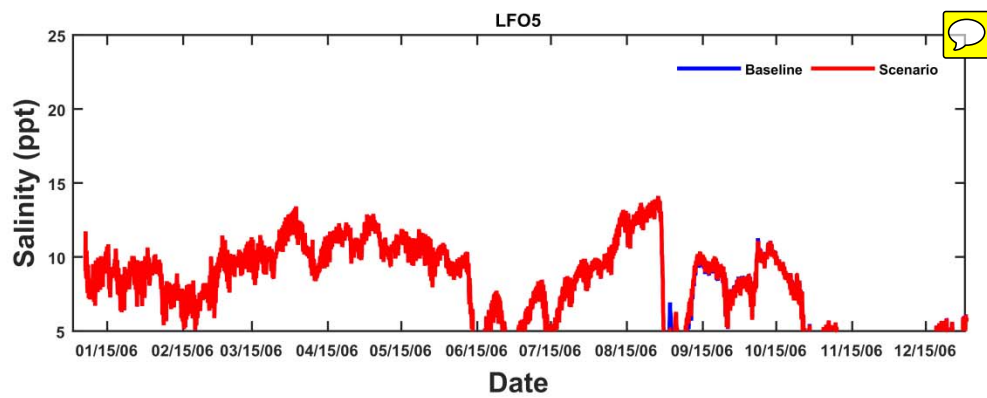


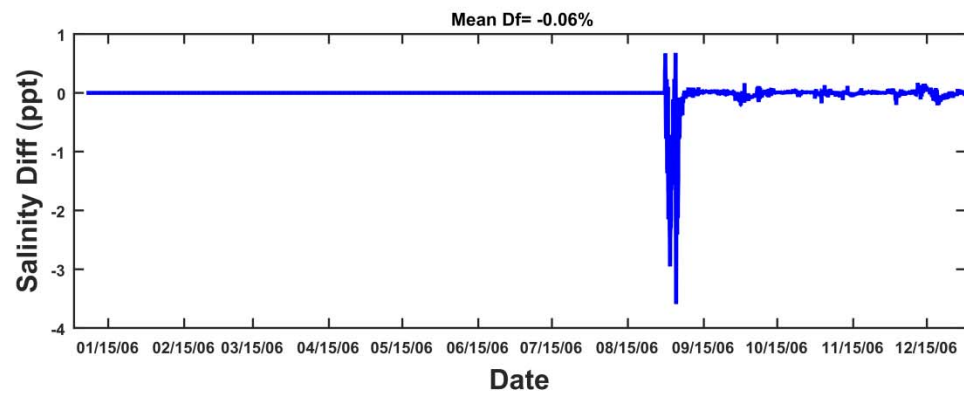
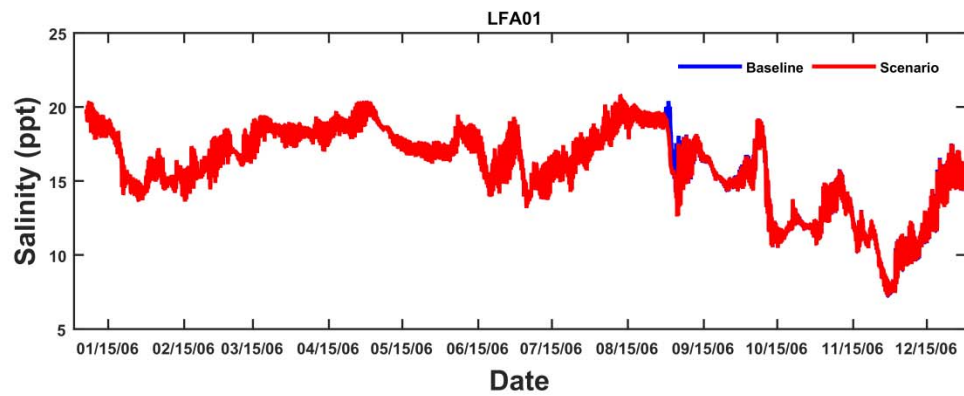
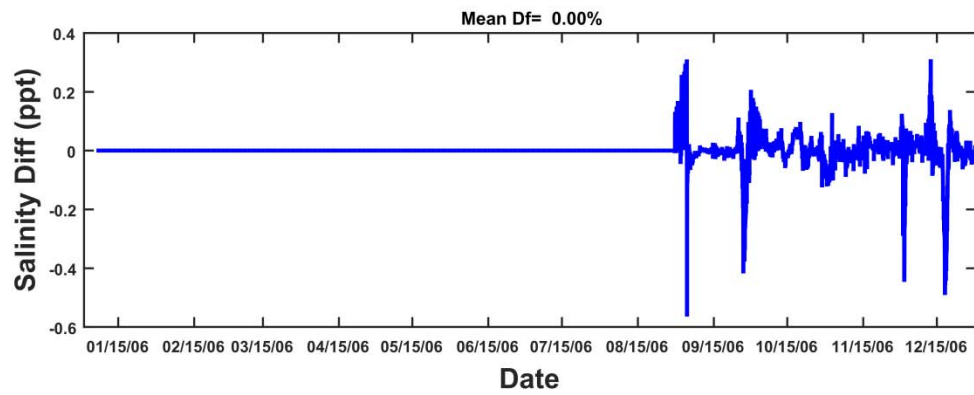
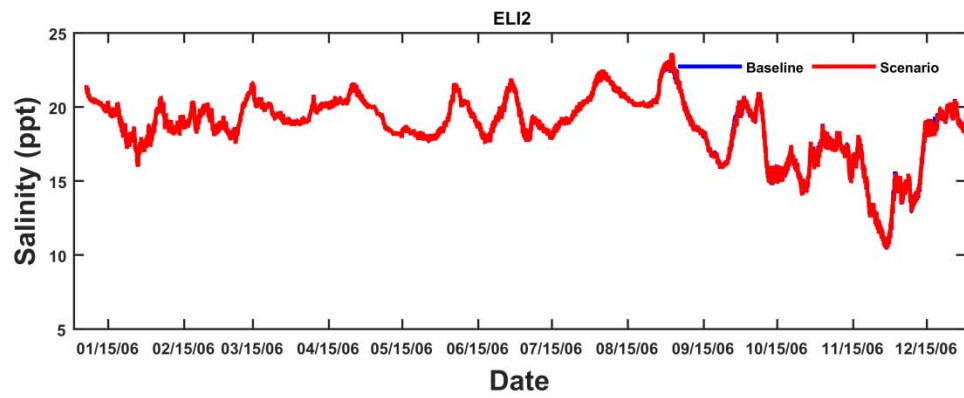


**S09 versus S10:**

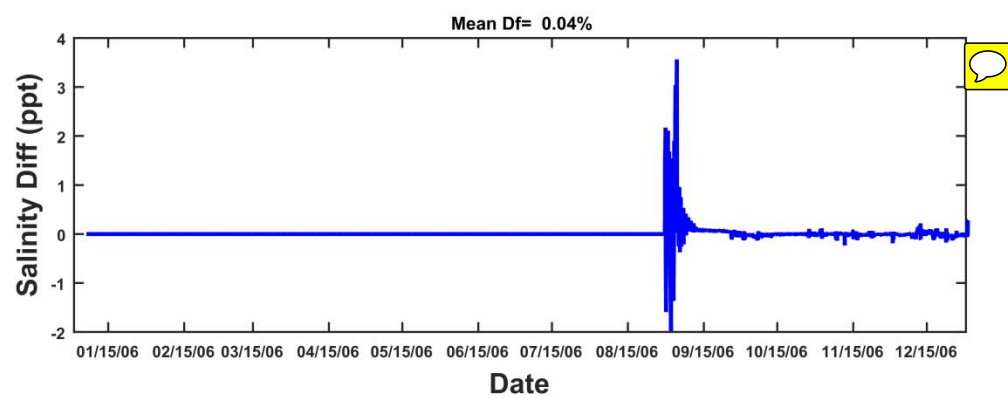
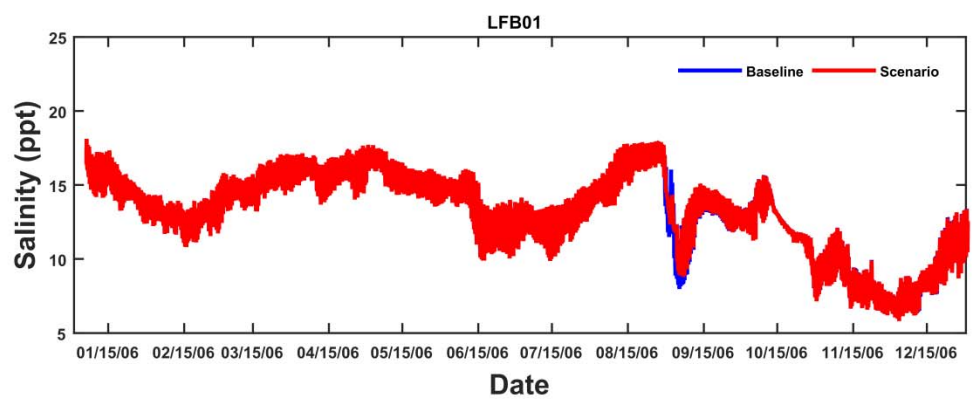












**S11 versus S12:**

