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| **#** | **Comment Type** | **Start Page** | **End Page** | **Start Line** | **End Line** | **Comment and Response** |
| 378 | Whole Page | 445 |  |  |  | Section 16.3 This section has lots of details â€“ a table or figure would help, maybe color coded by flux, and estimates of uncertainty are needed  Response: We will include a table with fluxes and uncertainties. |
| 379 | Whole Page | 446 |  |  |  | Section 16.3.4 Can the uncertainty in exchange across ice and as ice-cover declines be discussed?  Response: [Wiley, can you help with this?] |
| 380 | Whole Chapter |  |  |  |  | The uncertainty in fluxes is large, but should still be estimated: what are the estimates, how uncertain are they?  Response: We will include tables summarizing overall fluxes and provide the uncertainties where available. |
| 381 | Text Region | 439 | 439 | 1 | 16 | The chapter focus is on 2 of several factors; are the others less important? For example, riverine inputs may be very important, correct? What about storm surges? It isn’t mentioned, is it not important? Or is this dealt with in other chapters?  Response: Riverine inputs are important in some regions, e.g. the inputs of inorganic nutrients from the Mississippi River are important in driving coastal carbon fluxes in the northern Gulf of Mexico as discussed in 16.3.3. Overall this chapter is not dealing with riverine carbon fluxes around North America because this is done in the chapter on inland waters.  To the best of our knowledge storm surges are not a major factor in quantifying coastal carbon fluxes. |
| 382 | Text Region | 439 | 439 | 25 | 25 | Define Exclusive Economic Zone  Response: As stated, the Exclusive Economic Zone extends 200 nautical miles from the coast. We have expanded the definition stating that it is the region to which a nation claims exclusive rights for fishing, drilling and other economic activity. |

Comments and responses for Chapter 16: Oceans and Continental Shelves