



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2015_PSIJ_17461
Title of the Manuscript:	Discussion of A modelling study of coastal inundation induced by storm surge, sea-level rise, and subsidence in the Gulf of Mexico: the US average tide gauge is not accelerating consistently with the worldwide average
Type of the Article	Commentary

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<u>Compulsory</u> REVISION comments	<p>Although the paper is easy to follow, there is a need of language editing. Some sentences are hard to follow and needs to be rewritten. There are many instances where two or more words are joined. Introduction can be expanded in terms of literature review. Table 1 is very big and author should find a way to present it graphically. I am afraid that the subsidence or uplift of the tidal gages is large enough to mask the sea level rise, and is my major concern. My detail comments are below.</p> <p>Line 39: What is the distribution of gages over the oceans/sea? Unequal numbers at different samples from different ocean/sea may introduce bias.</p> <p>Line 41: What is the source of the data (before satellite altimetry)? How about their reliability? This is important as you are drawing conclusions based on these data.</p> <p>Lines 53-56: If there is high uncertainty in subsidence or uplift, how can you conclude that the rate of change in sea level is small? Did you adjust for the subsidence/uplift? The timing of the measurements at different locations also increases</p>	



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	<p>the uncertainty. This part should be dug out in detail. Lack of justification of this part can ruin the result of this paper. Table 1: This table is way too big for publication. Please find a way to present is graphically for better visualization.</p> <p>Line 101: How about heavy emission of CO₂ and other greenhouse gases from the industries and other human uses (especially USA, China, and Europe)?</p>	
<u>Minor</u> REVISION comments	<p>Lines 50-53: Hard to follow, consider re-writing.</p> <p>Lines 63-64: Hard to understand, rewrite it.</p> <p>Line 65 and 66: Write full form before using acronyms for SLA and SLR.</p> <p>Lines 70-75: Combine two paragraphs.</p> <p>Lines 80-81: Many joined words, split them properly.</p>	
<u>Optional/General</u> comments		

Reviewer Details:

Name:	Anonymous
Department, University & Country	USA