

Review of: "Comparison of Vegetation Community Diversity, Biomass, and Sediment Properties among Constructed and Reference Salt Marshes at Deer Island, Mississippi, U.S.A."

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Potential competing interests: No potential competing interests to declare.

Author mentioned in abstract that native species were planted for expecting the recovery for *Juncus roemerianus* in restoration salt marshes areas. Why *J. roemerianus* is important to be dominated in these restoration sites? How about other native species there?

Introduction

1. Author write "Furthermore, this species tends to be slower growing.....marsh construction (Ramset et al. 2002)

Why this site not choose to plant *S. alterniflorus*, or any other species that do not take longer time to establish on the restoration site?

2. Author write " The Deer Island project is one of the new few BU projects....dominted marshes."

In this sentence, scientific name for *S. alterniflorus* is not italic.

3. Author write " The aim was to determine whether the BU construction resulted in the formation of *Juncus* - dominated marsh,...." This do not reflect the title. Title just need to compare the vegetation community not the distribution of *Juncus* sp. Is this about restore the certain species or restore the ecosystem of the salt marshes?

4. Author write "The constructed sites were both significantly higher than the 100+ yr reference site, which was at an average elevation of 0.27 NAVD88 and had a range of 0.50 m (Table 2, Table S1)". Missing unit at value for average elevation.

Discussion

1. Is it possible after a long time, the diversity of 2+ year construction and 10+ year construction area will also decline as happened in 100+ year reference salt marsh?
2. Is it any other studies that mentioned planted other native species will enhance the growth of *J. roemerianus*?

