

1 Supporting information for “**Kelp Forest model development in a regional ocean**  
2 **model”**

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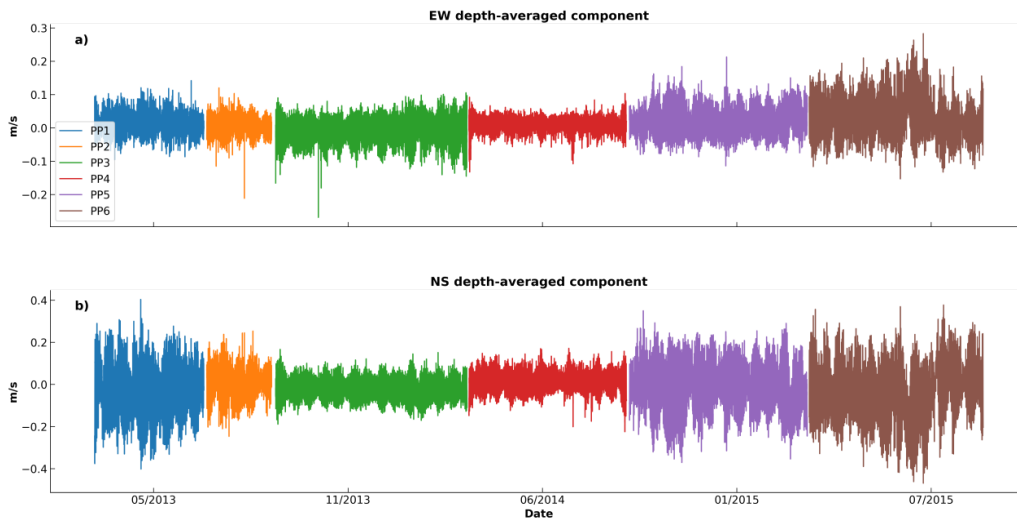
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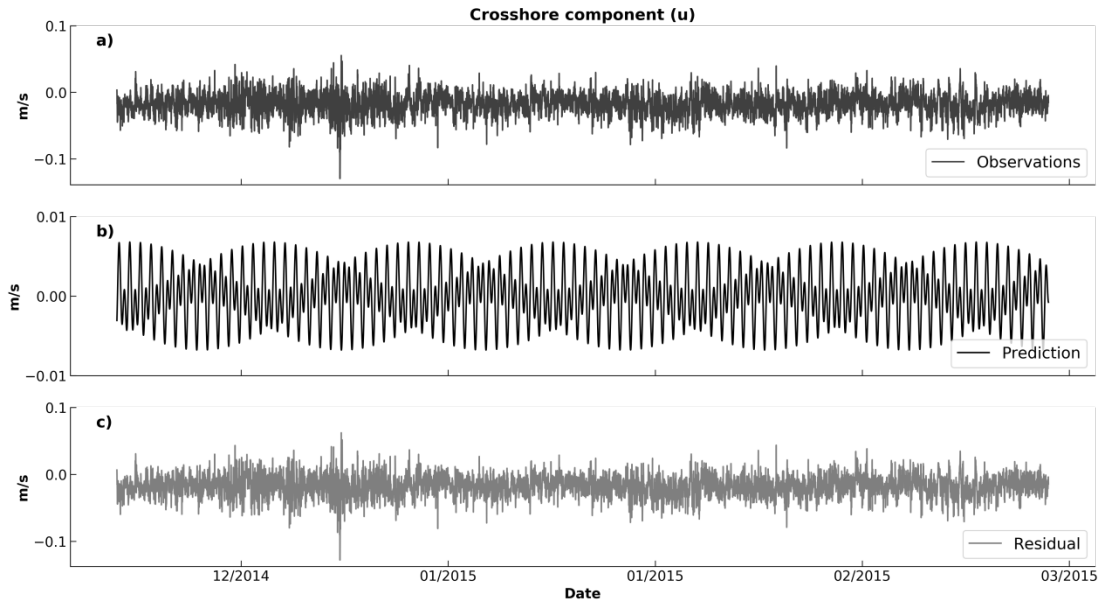
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13 Supplementary Figure 1 - EW and NS depth-averaged velocity components for 6 different periods at Punta

14 Prieta (PP), Isla Natividad, MX.

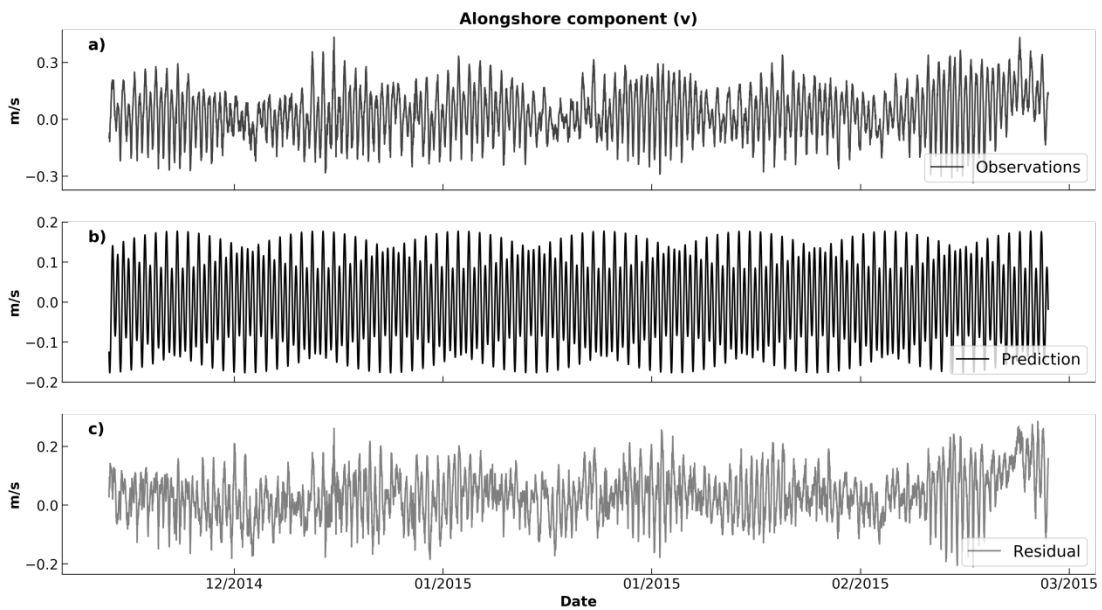


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16 Supplementary Figure 2 - Cross-shore component for winter 2015 in PP. From top to bottom: Observations

17 (a) based on Fig. 5, prediction using t-tide (b), data residuals (c).

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20 Supplementary Figure 3 - Along-shore component for winter 2015 in PP. From top to bottom: Observations

21 (a) based on Fig. 5, prediction using t-tide (b), and data residuals (c).

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