Coupling numerical models of deltaic wetlands with AirSWOT, UAVSAR, and AVIRIS-NG remote sensing data – Supplementary Material –

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Outline. This document contains supplementary figures and table.
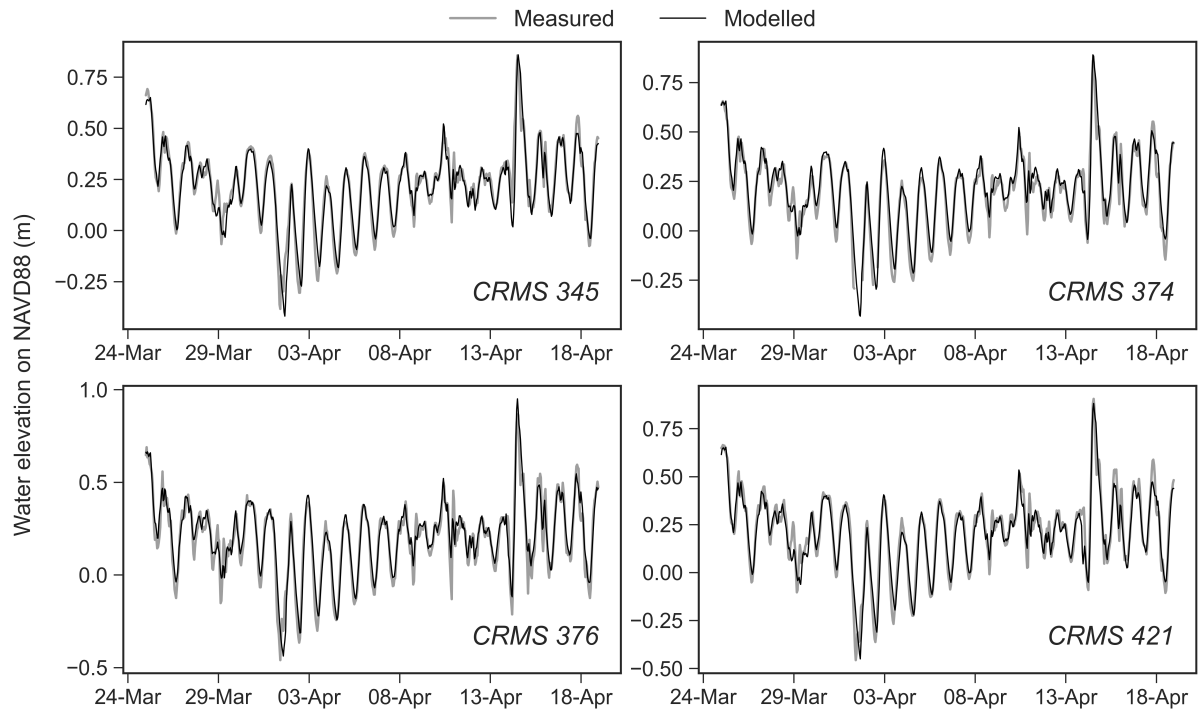
Figure S1. Example of comparison of measured and modelled water levels in 4 sites of the CRMS. In each subplot, the correspondent site is indicated in the lower right corner. For specific model performance refer to Table S1.
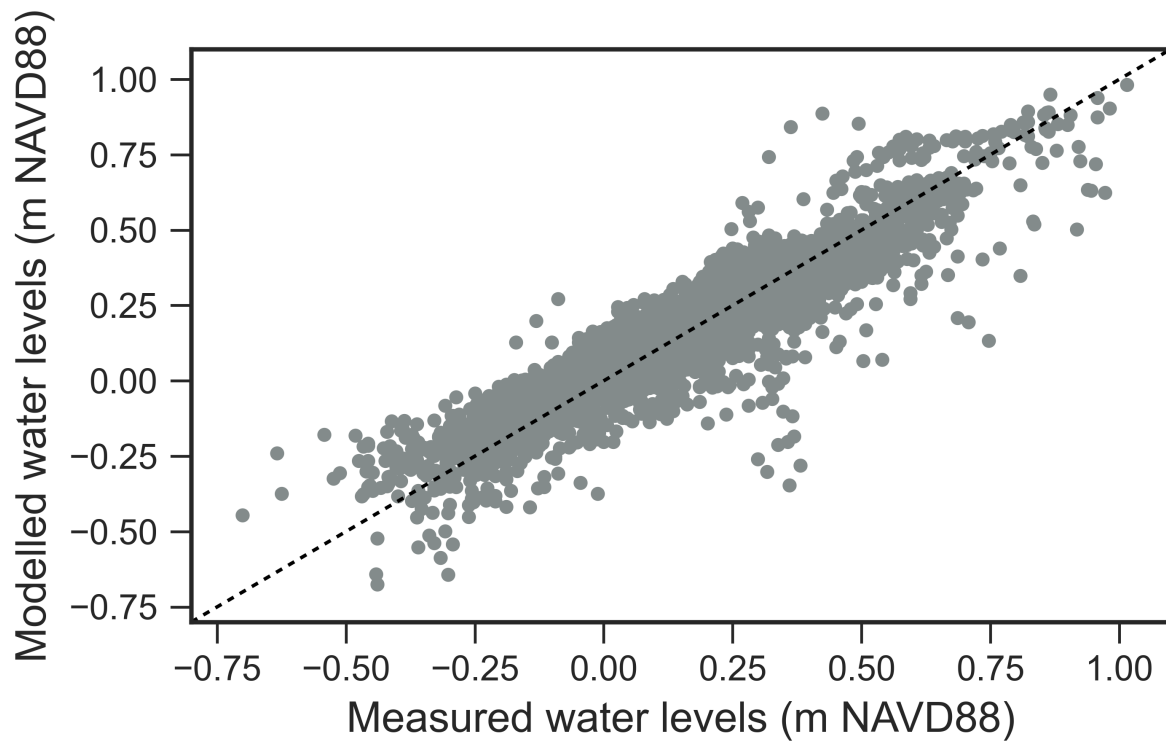
Figure S2. Comparison between measured and modelled water levels for all 13 CRMS used to validate the model.

Table S1. Results of water levels validation in the large scale Terrebonne model. Longitude, Latitude, Root Mean Squared Error (RMSE), and Model Efficiency (ME) for each CRMS site used to validate water levels.

Site ID	Longitude	Latitude	RMSE (m)	ME (-)
302	-90.9170	29.1478	0.078	0.878
307	-90.8230	29.2511	0.080	0.843
322	-91.1045	29.2438	0.100	0.699
337	-90.3559	29.3092	0.078	0.846
338	-90.4182	29.3309	0.084	0.817
341	-90.5123	29.3091	0.080	0.859
345	-90.7613	29.1712	0.057	0.907
347	-90.6996	29.1640	0.075	0.834
374	-90.7930	29.1567	0.054	0.909
376	-90.8567	29.1277	0.062	0.905
377	-91.0108	29.2293	0.083	0.862
383	-90.9489	29.2075	0.069	0.881
421	-90.8244	29.1712	0.059	0.913
Overall	-	-	0.067	0.865