S1 Table. Cross correlations between environmental parameters measured at the Bird Island Basin station and seven other TCOON/NWLON monitoring stations throughout the Laguna Madre in south Texas from the winters of 1995–1996 through 2014–2015 (all p-values at 0; no lags included). Associations computed based on available measurements with time series spans varying depending on station location and environmental parameter. Pearson correlation coefficients were used for non-directional variables and circular-circular correlation coefficients [92] were used for wind direction correlations.

		Bob		Rincon			SPI
Environmental	Packery	Hall	Baffin	del San	Port		Coast
Parameter	Channel	Pier	Bay	Jose	Mansfield	Realitos	Guard
Water Temperature	0.96	0.94	0.96	0.95	0.96	0.96	0.90
Air Temperature	0.99	0.98	0.99	0.98	0.97	0.97	0.97
Water Level	0.93	0.46	0.96	0.57	0.85	0.69	0.51
Wind Speed	0.86	0.80	0.87	0.76	0.48	0.68	0.48
Wind Gust	0.89	0.81	0.88	0.77	0.57	0.71	0.63
Wind Direction	0.91	0.90	0.87	0.73	0.71	0.77	0.69
Barometric Pressure	1.00	1.00	1.00	0.97	1.00	0.99	0.96