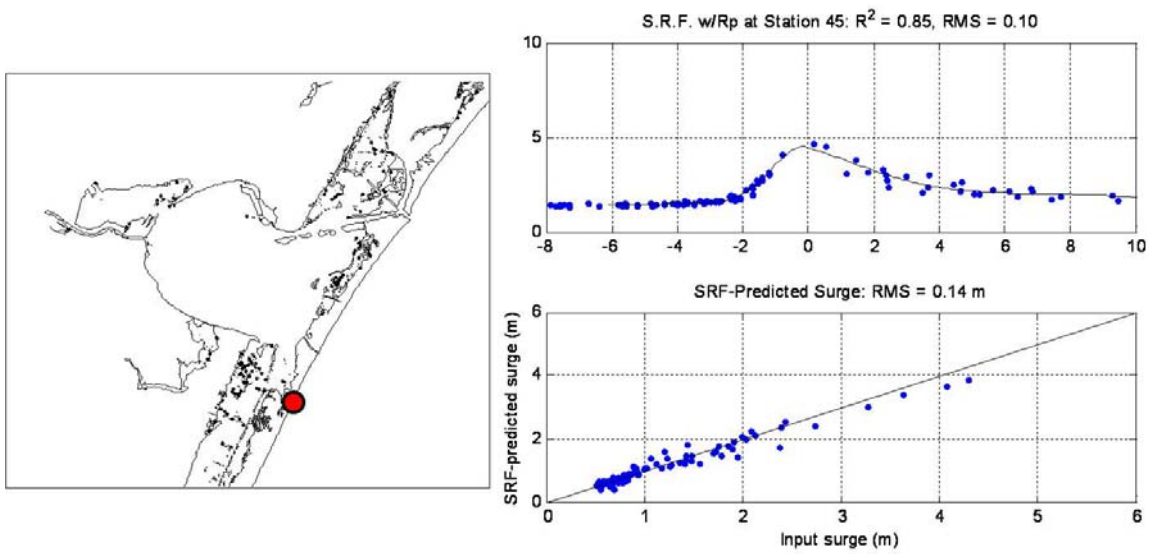


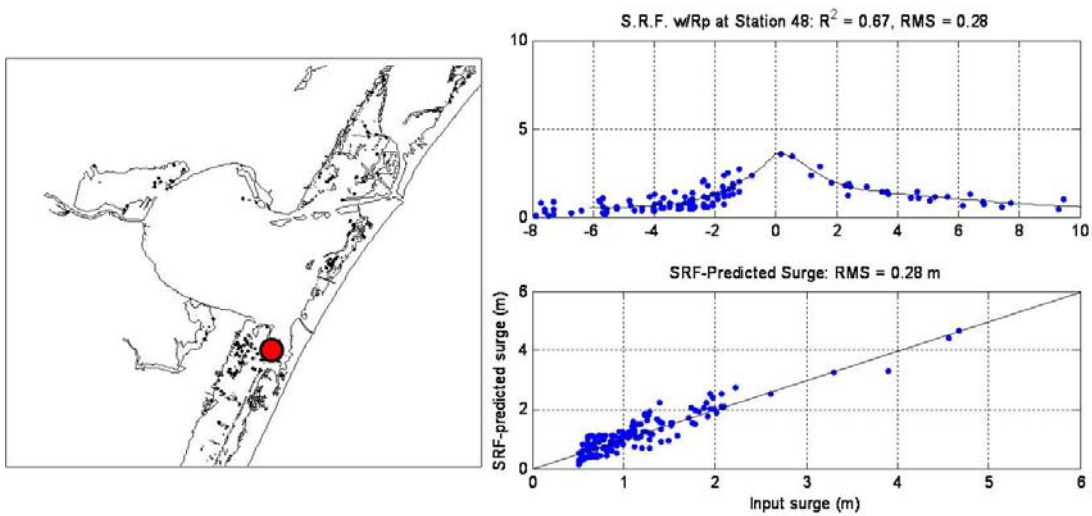
SURGE RESPONSE FUNCTION DEFINED NEAR 20 TEXAS COASTAL BRIDGES

Table 1 Locations of the twenty-coastal bridges

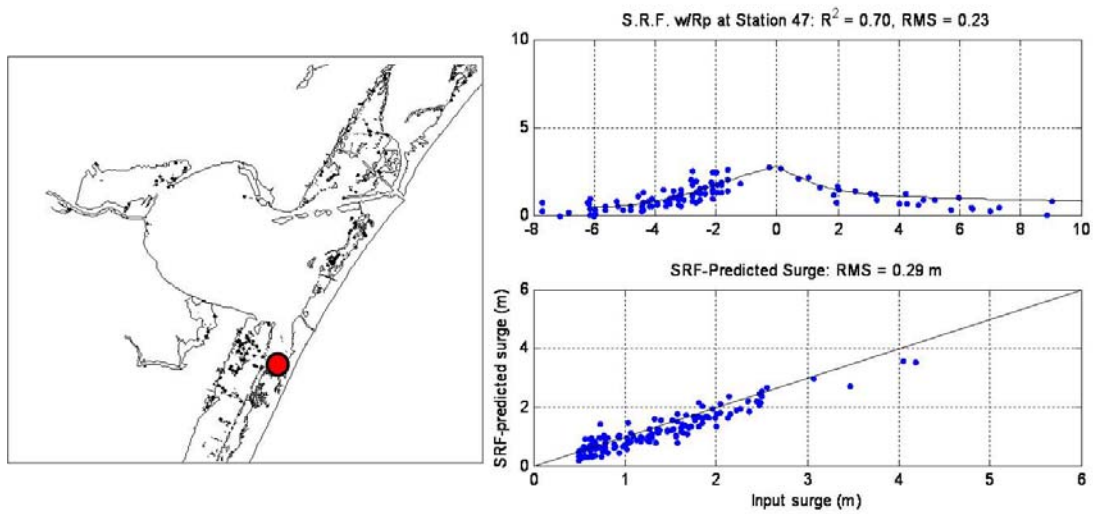
Bridge No.	Stn. No.	Description	Lon.	Lat.	Location
1	45	State Hwy Park Road 22_No.1	-97.214	27.619	Corpus Christi
2	49	State Hwy Park Road 22_No.2	-97.240	27.635	
3	48	Kennedy Causeway	-97.261	27.658	
4	51	Padre Island Bridge	-97.312	27.680	
5	53	Nueces Bay Causeway 1	-97.395	27.813	
6	55	Nueces Bay Causeway 2	-97.370	27.844	
7	59	Cemetery Road	-97.104	27.884	
8	65	Johnson Causeway	-97.020	28.120	
9	84	Port Lavaca	-96.598	28.650	Matagorda
10	88	Weedhaven	-96.432	28.732	
11	116	FM1495 Road	-95.341	28.922	Galveston
12	117	Hwy 332	-95.293	28.956	
13	127	San Luis Pass	-95.122	29.082	
14	130	FM 2004 Road	-95.207	29.213	
15	141	Galveston Causeway	-94.885	29.295	
16	142	Pelican Island Bridge	-94.824	29.311	
17	147	Texas City Dike Road	-94.810	29.363	
18	157	Rollover Pass	-94.500	29.508	
19	181	Martin Luther King Jr. Drive (Hwy 82)	-93.895	29.766	
20	182	Jetty Road	-93.853	29.696	



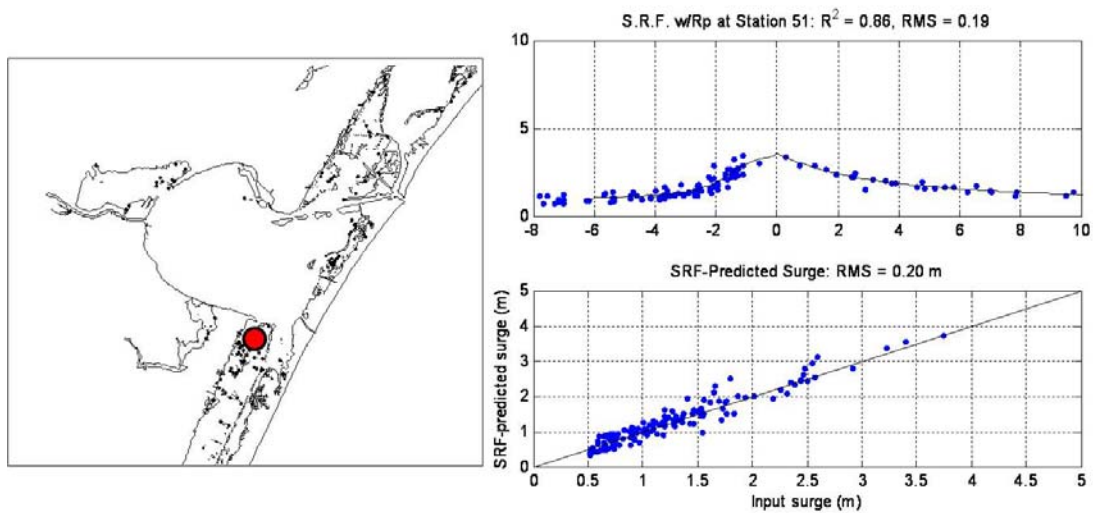
A- 1 A surge response function developed at the bridge No. 1. State Hwy Park Road 22 in Corpus Christi.



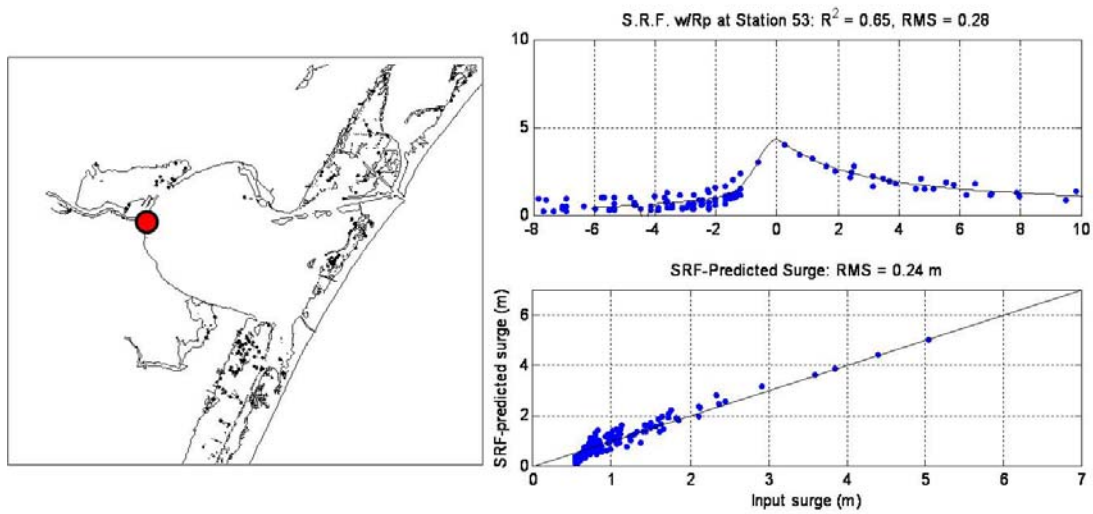
A- 2 A surge response function developed at the bridge No. 2. State Hwy Park Road 22 i n Corpus Christi.



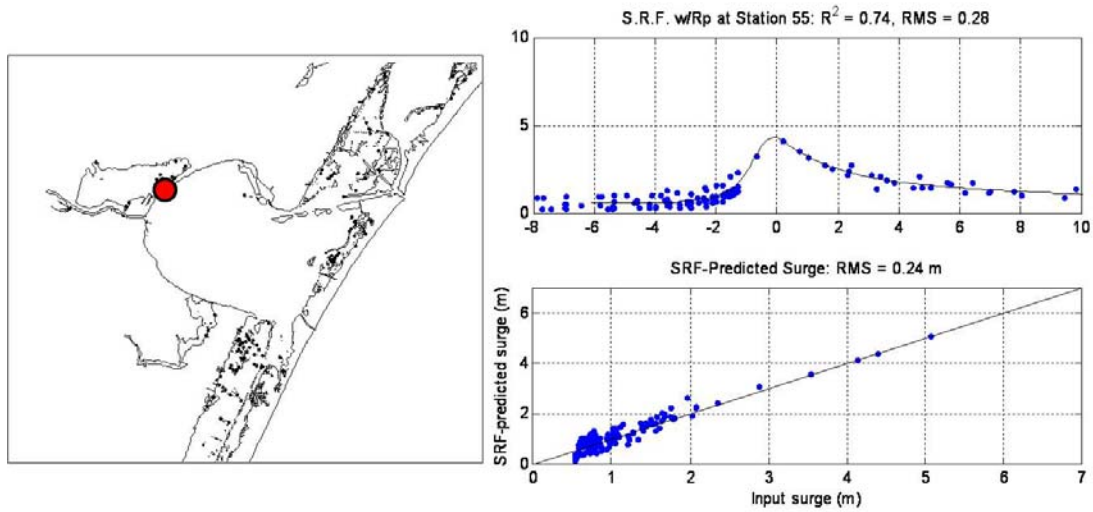
A- 3 A surge response function developed at the bridge No.3 along the Kennedy Causeway in Corpus Christi.



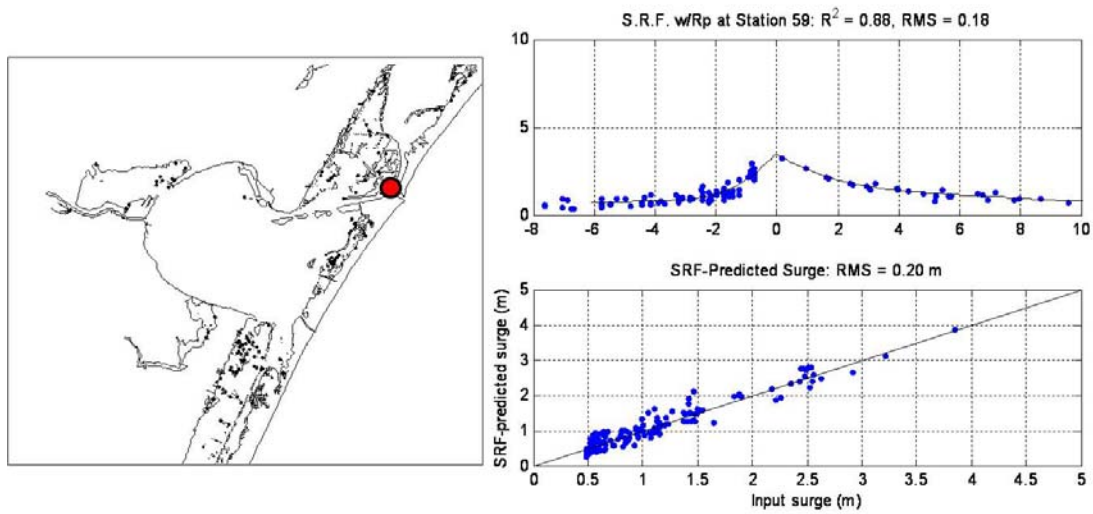
A- 4 A surge response function developed at the bridge No.4. Padre Island Bridge in Corpus Christi.



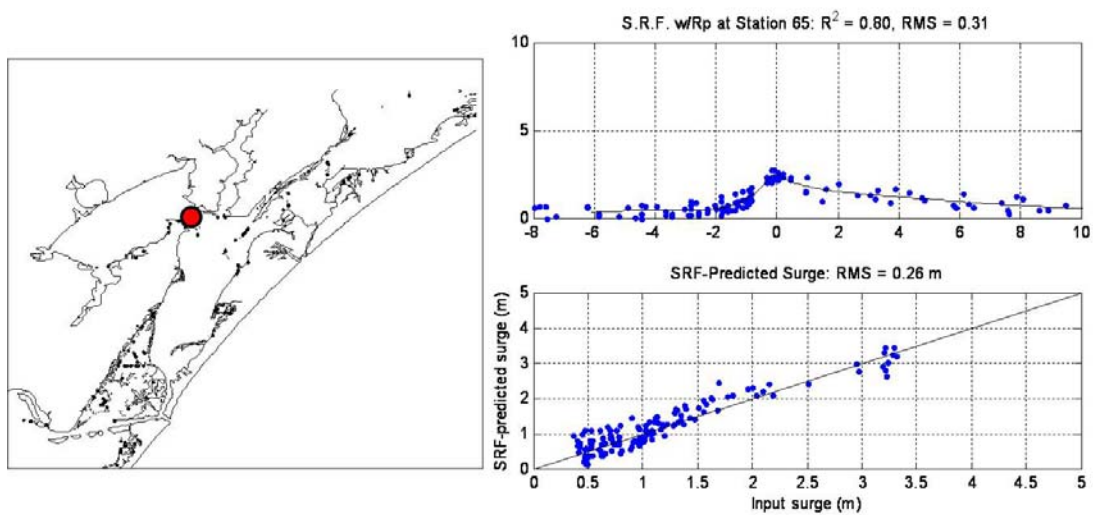
A- 5 A surge response function developed at the bridge No. 5 along the Nueces Bay Causeway in Corpus Christi.



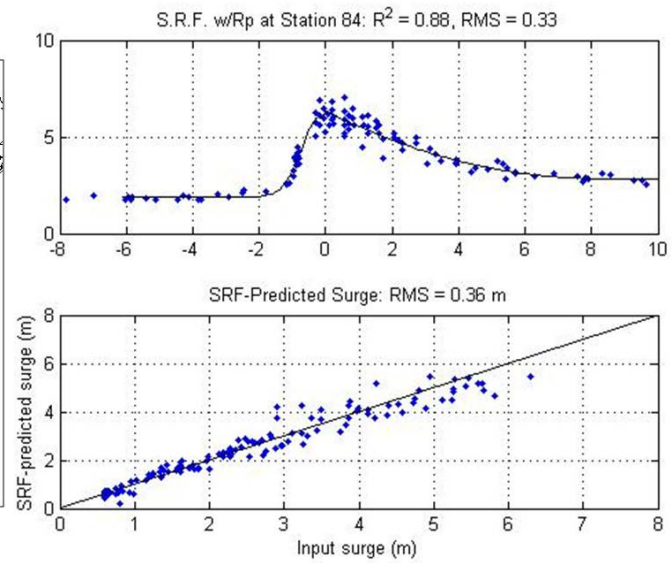
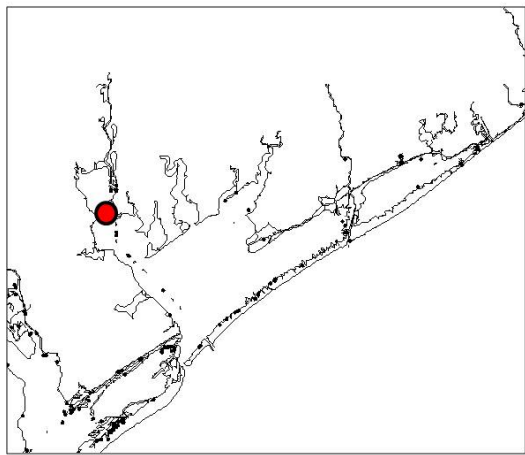
A- 6 A surge response function developed at the bridge No. 6 along the Nueces Bay Causeway in Corpus Christi.



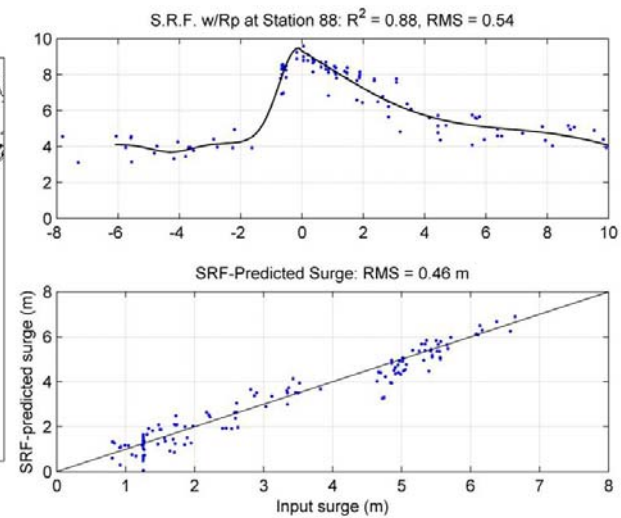
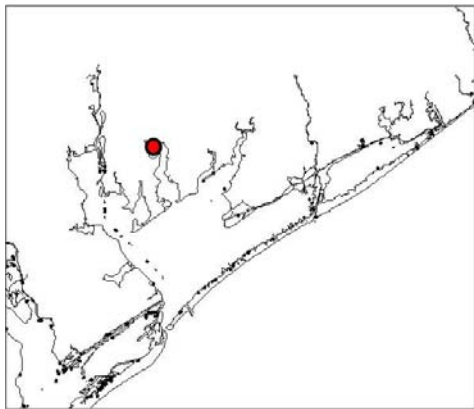
A- 7 A surge response function developed at the bridge No. 7 along the Cemetery Road near Corpus Christi.



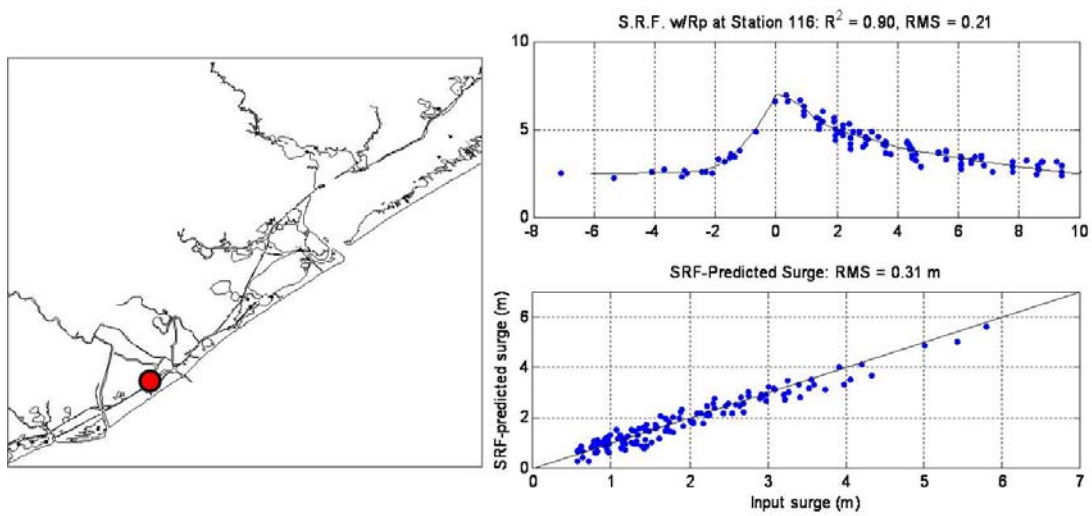
A- 8 A surge response function developed at the bridge No. 8 along the Johnson Causeway near Corpus Christi.



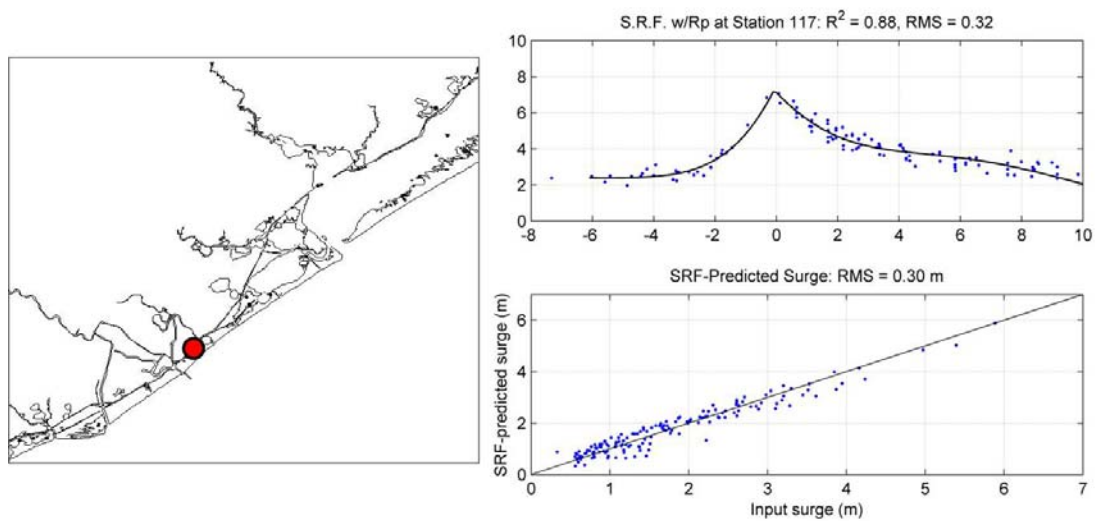
A- 9 A surge response function developed at the bridge No. 9 near Port Lavaca in Matagorda Bay.



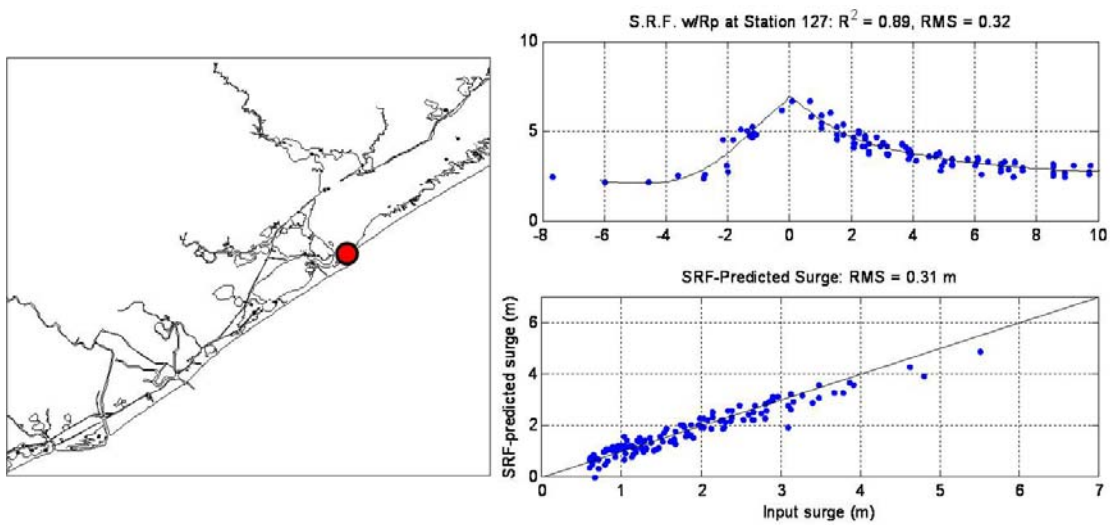
A- 10 A surge response function developed at the bridge No. 10 near Weedhaven in Matagorda Bay.



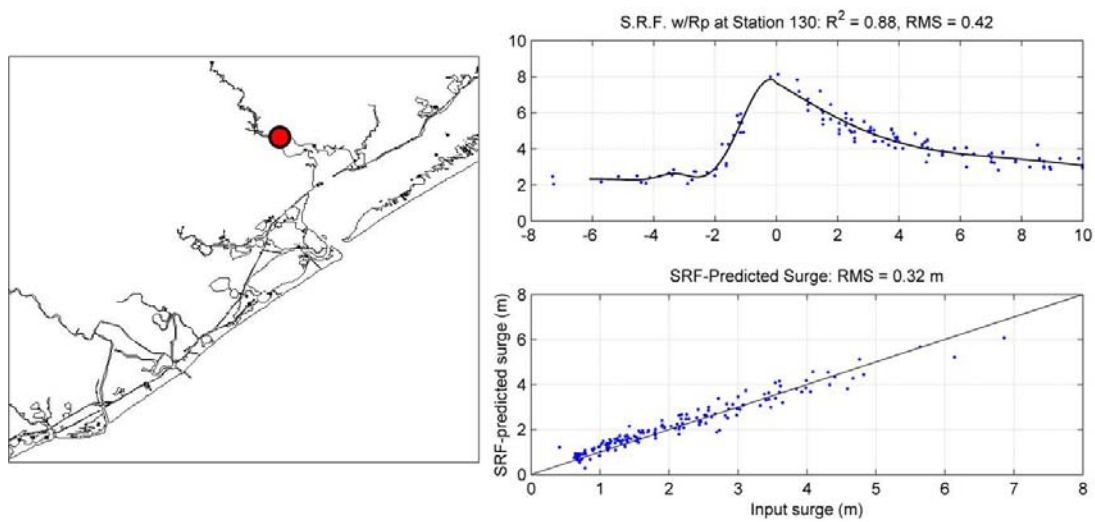
A- 11 A surge response function developed at the bridge No. 11 along the FM1495 Road in Galveston.



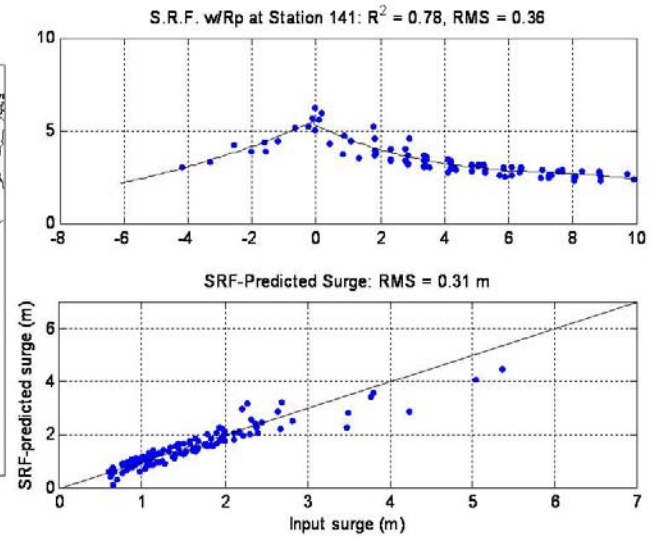
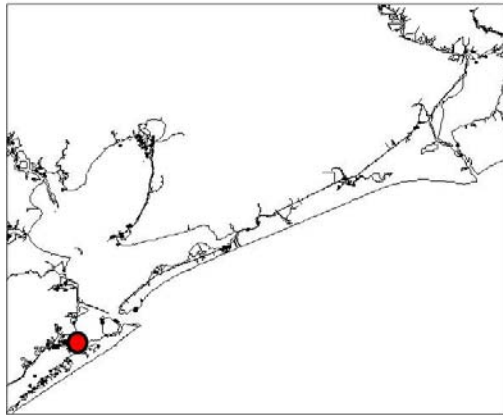
A- 12 A surge response function developed at the bridge No. 12 along the Hwy 332 in Galveston.



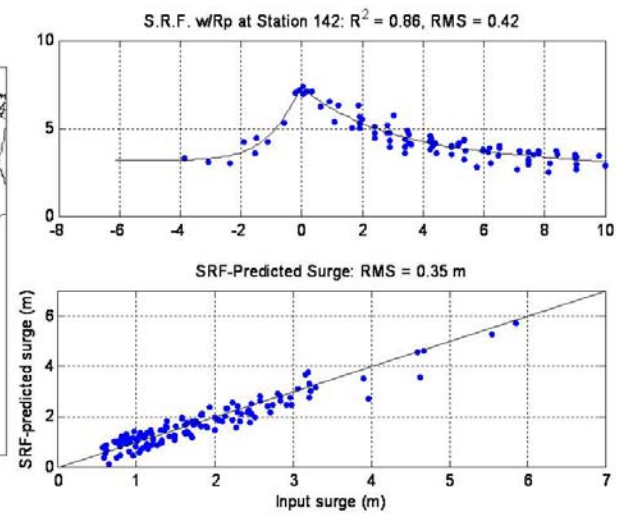
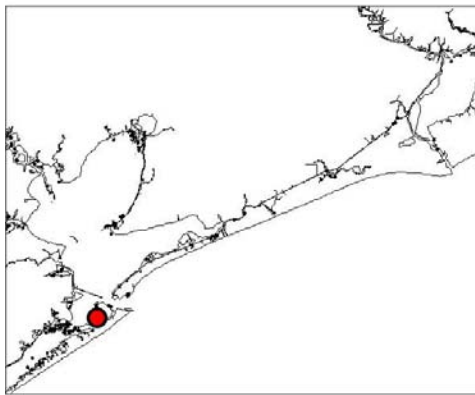
A- 13 A surge response function developed at the bridge No. 13. San Luis Pass in Galveston.



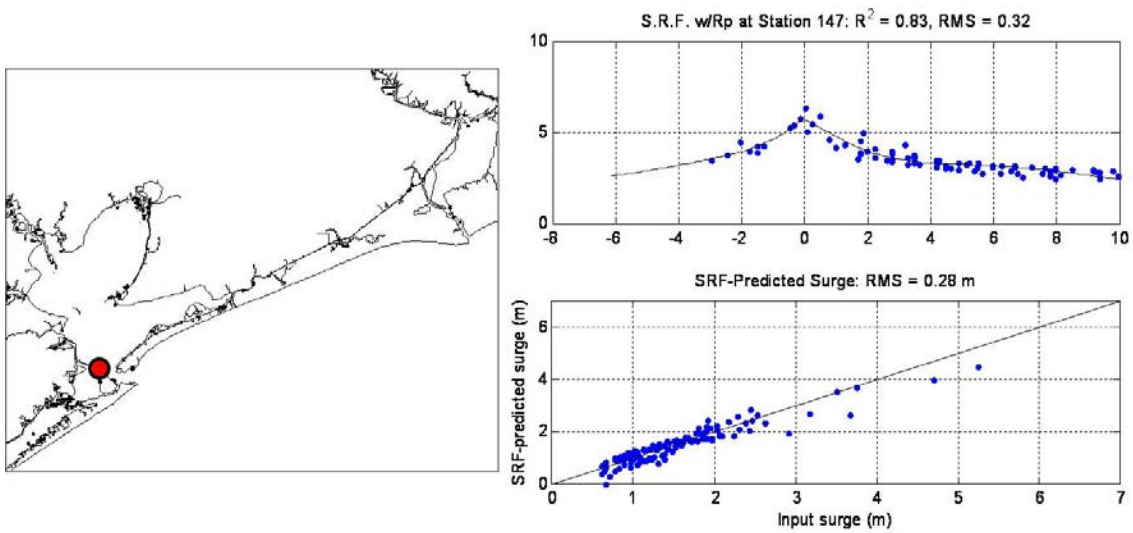
A- 14 A surge response function developed at the bridge No. 14. FM 2004 Road in Galveston.



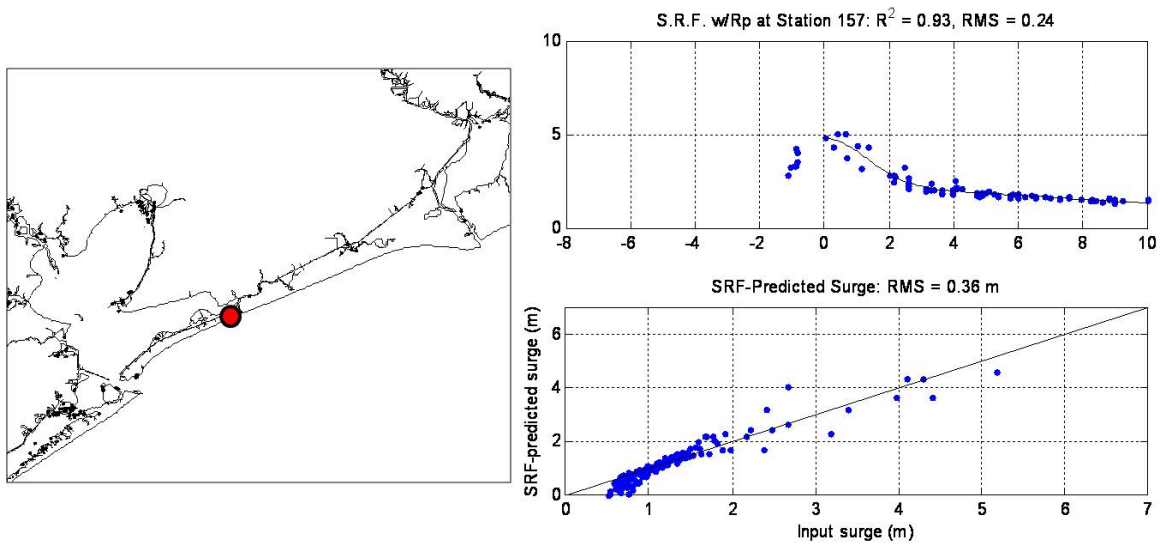
A- 15 A surge response function developed at the bridge No. 15. Galveston Causeway.



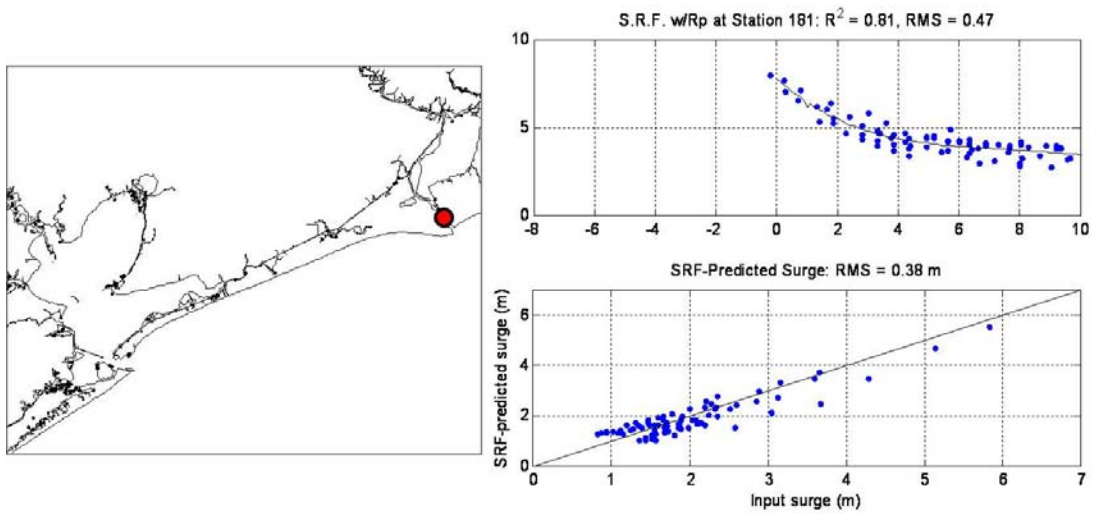
A- 16 A surge response function developed at the bridge No. 16. Pelican Island Bridge in Galveston.



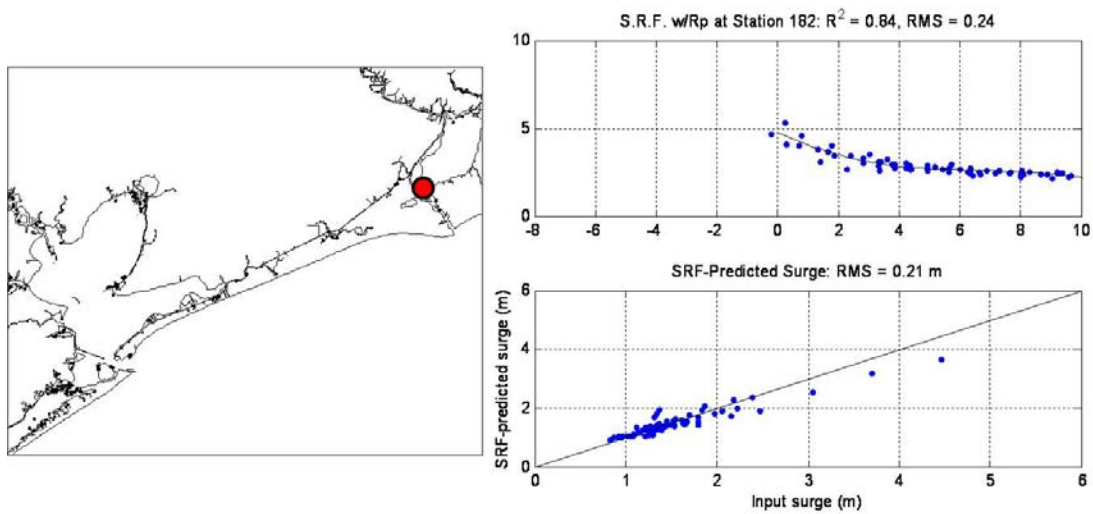
A- 17 A surge response function developed at the bridge No. 17. Texas City Dike Road in Galveston



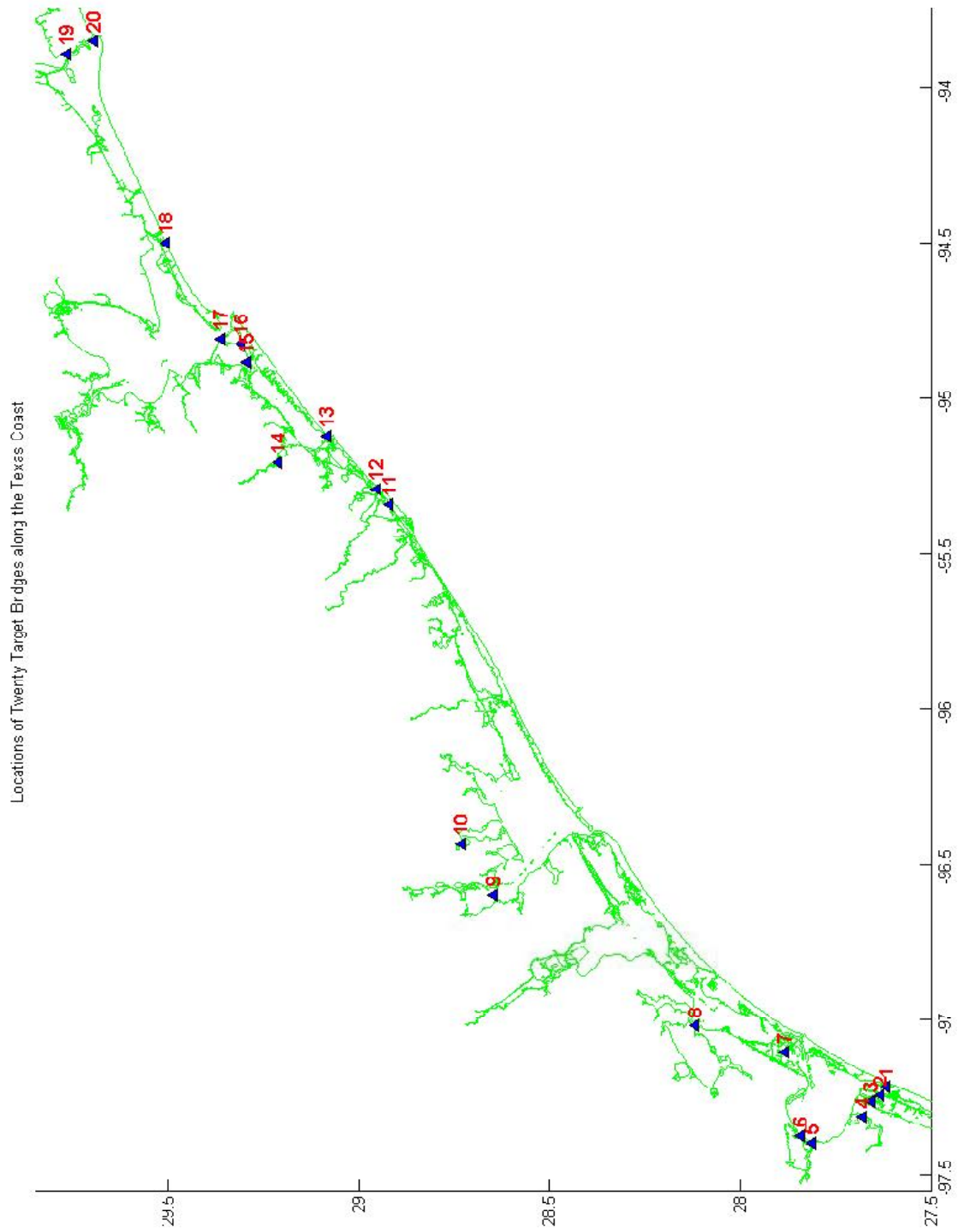
A- 18 A surge response function developed at the bridge No. 18. Rollover Pass in Galveston



A- 19 A surge response function developed at the bridge No. 19. Martin Luther King Jr. Drive (Hwy 82) in Galveston.



A- 20 A surge response function developed at the bridge No. 20. Jetty Road in Galveston.



B- 1 Input labels corresponding each location of the selected bridges for SRF calculator.