

# Caracterización de olas de Calor estuáricas La plataforma de Cortegada como caso de estudio

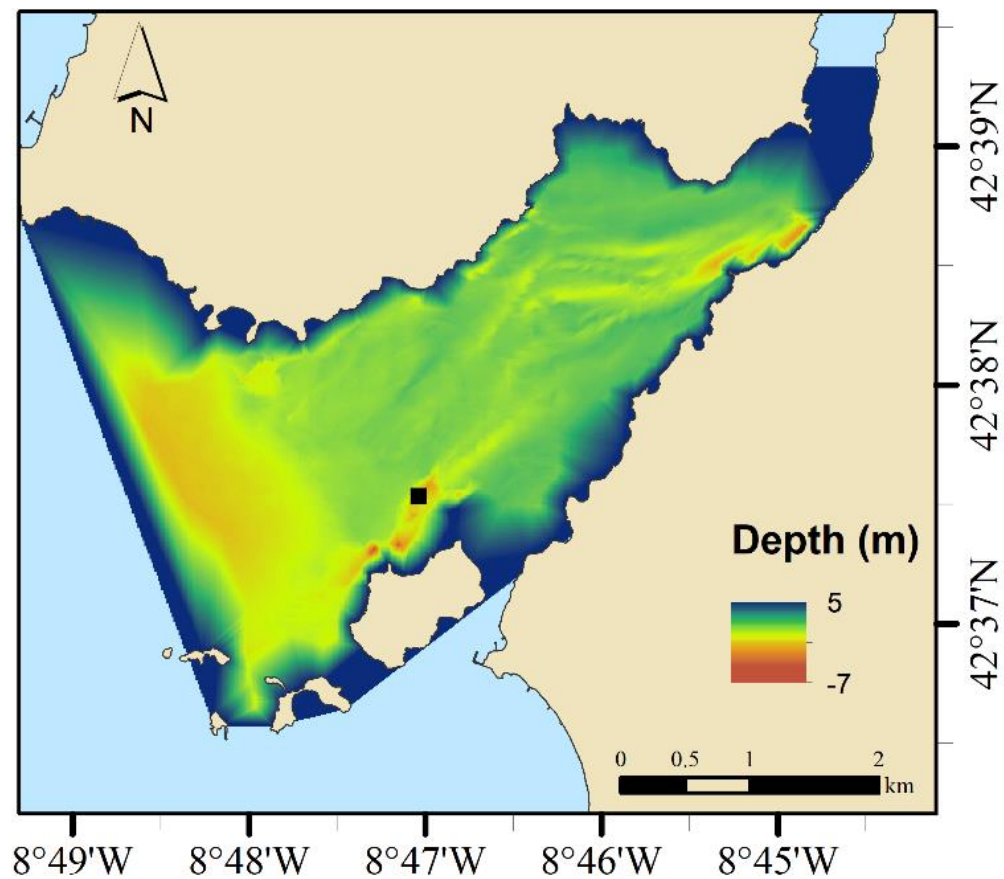
RECOBI 17 abril 2024

Resiliencia de Bivalvos Comerciales frente al cambio Climático

Marisela Des Villanueva

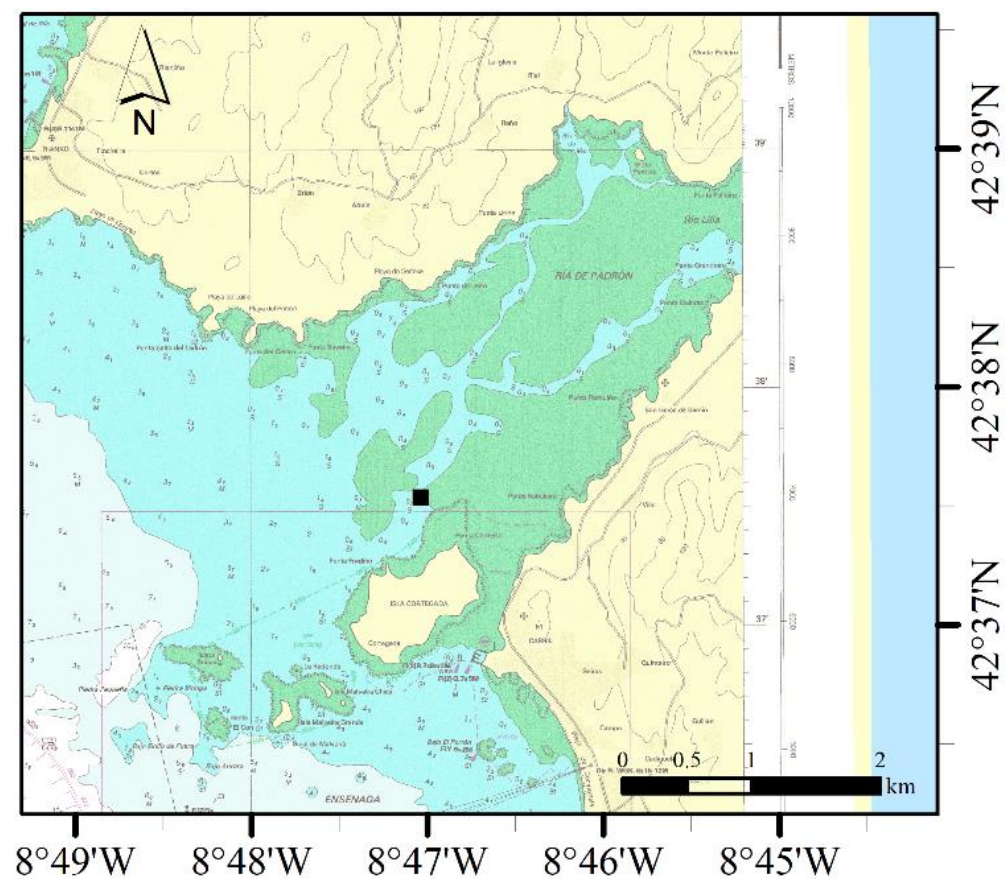
[mdes@uvigo.gal](mailto:mdes@uvigo.gal)

Batimetría alta resolución

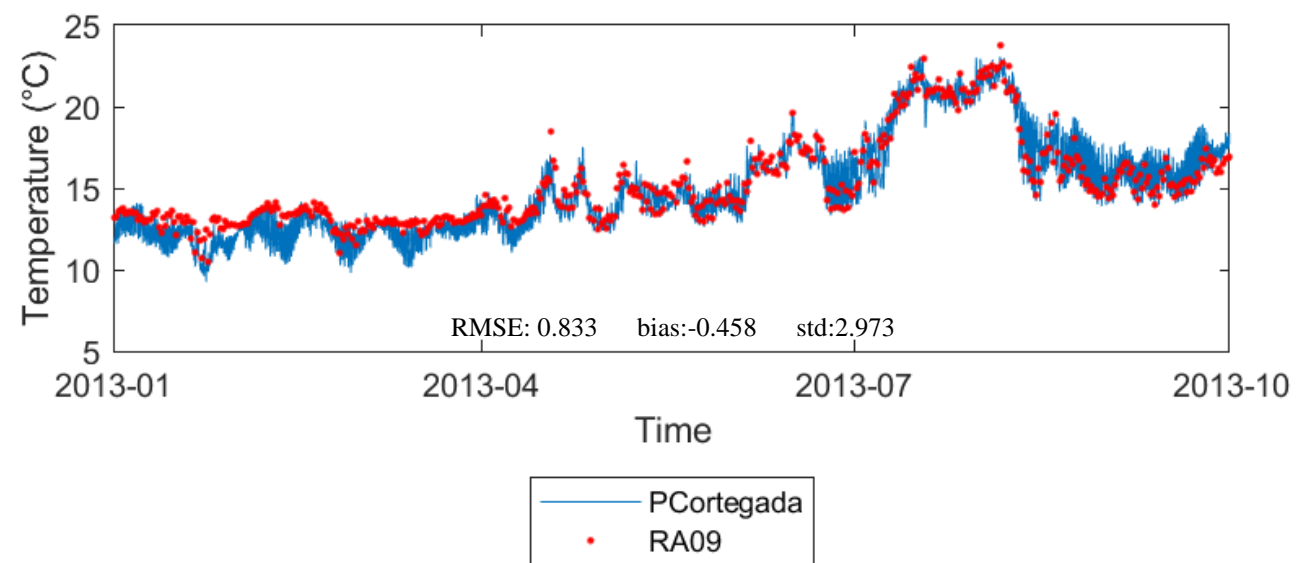
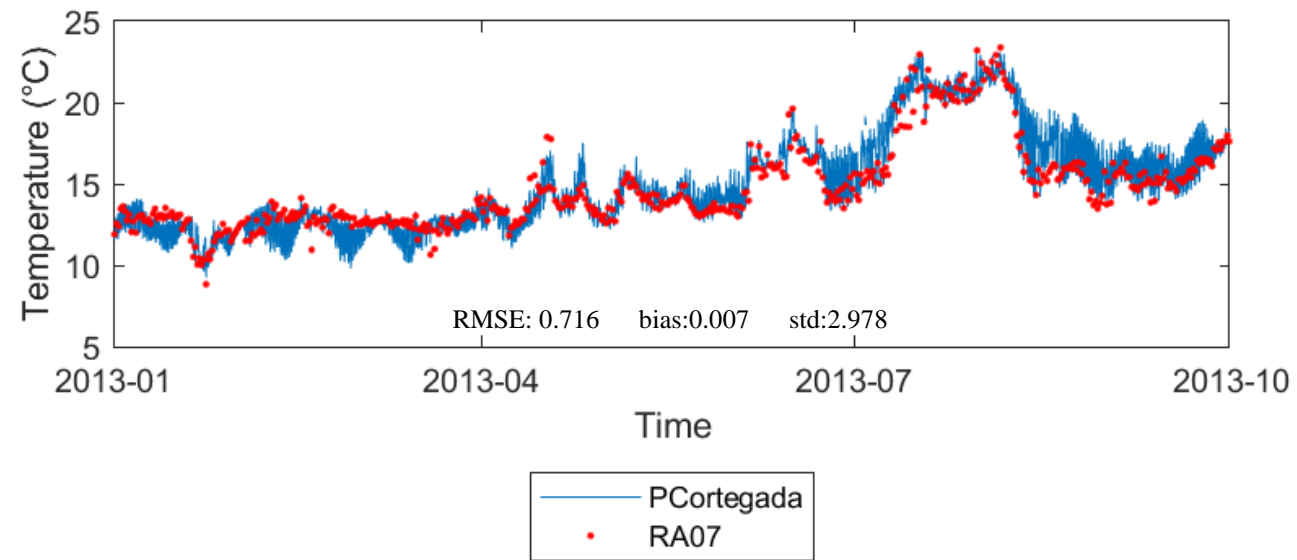
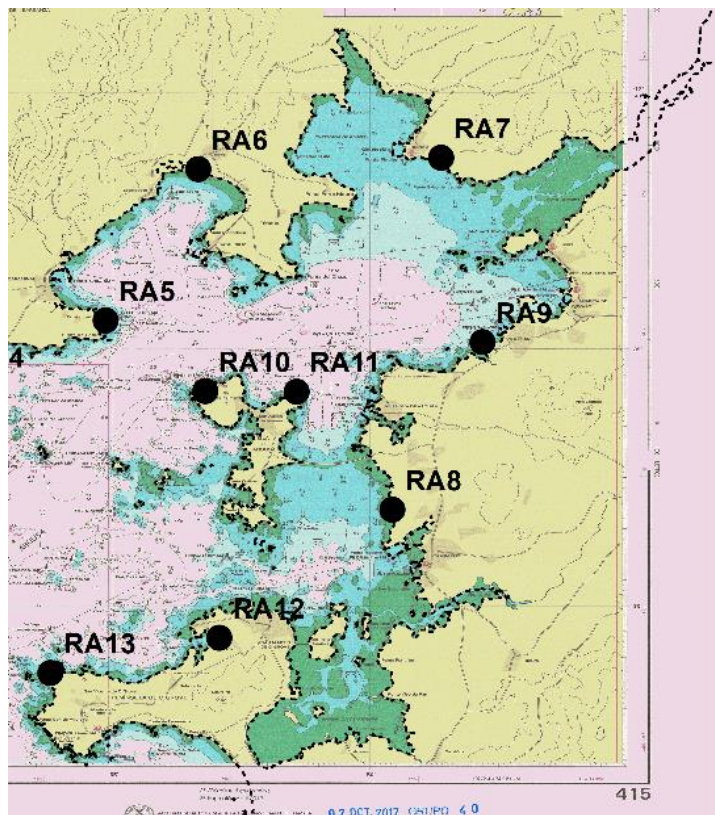


Cortegada 3.8 m

Cartas náuticas



Cortegada 0.1 m



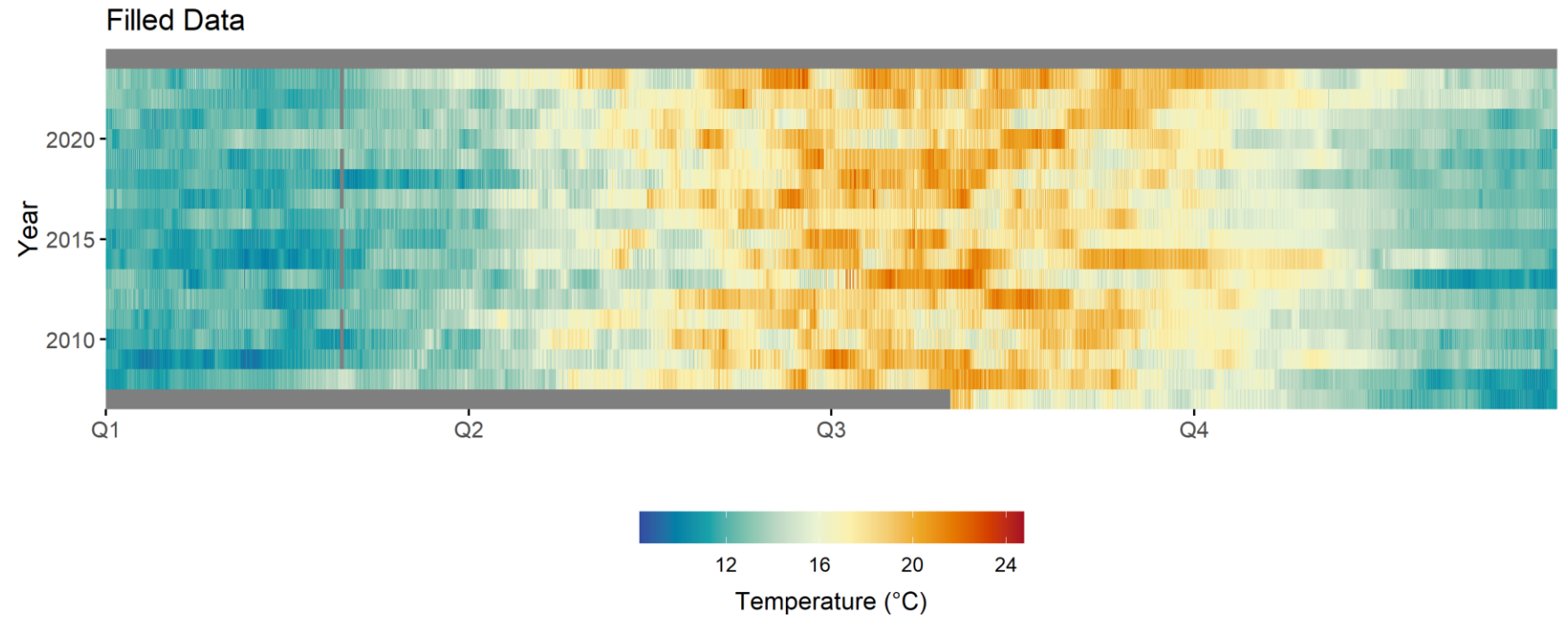
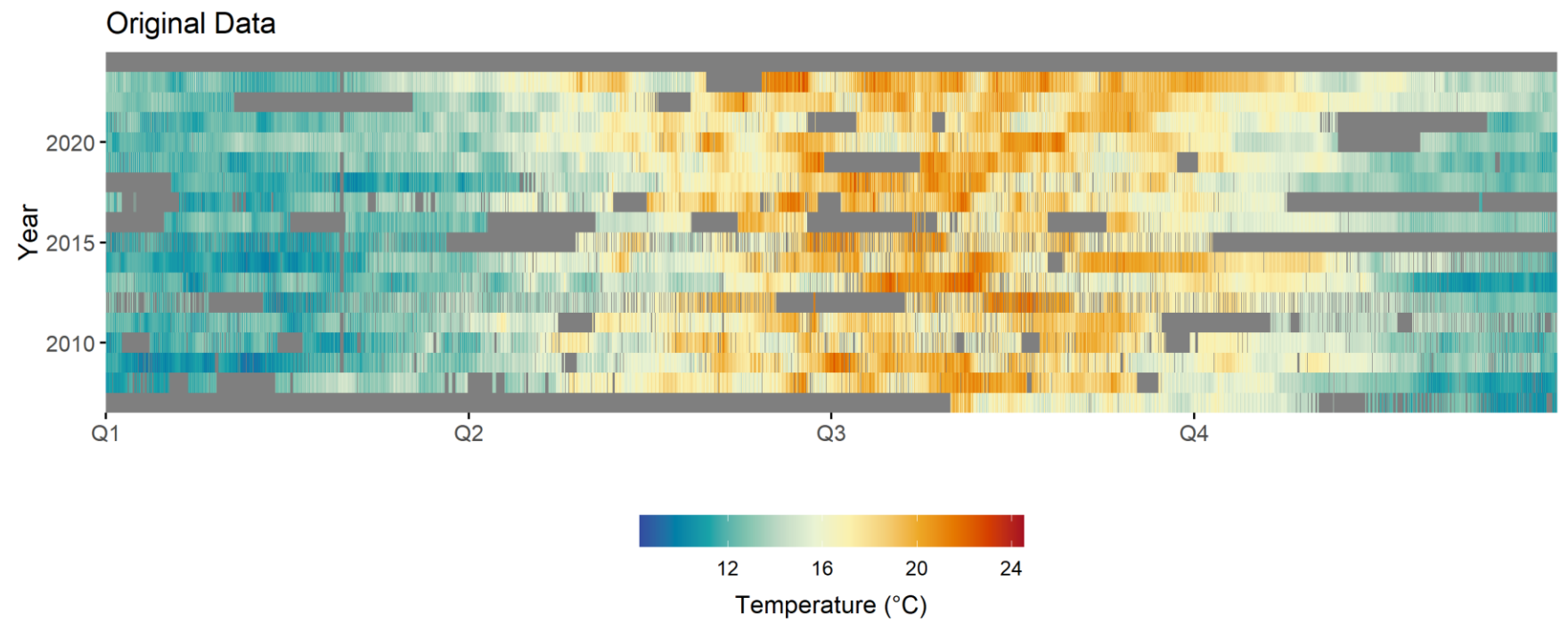
# Plataforma de Cortegada

Base de datos: MeteoGalicia

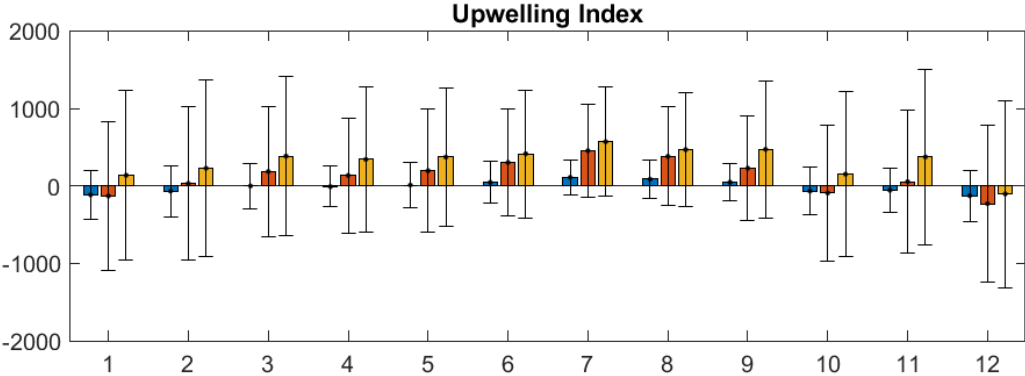
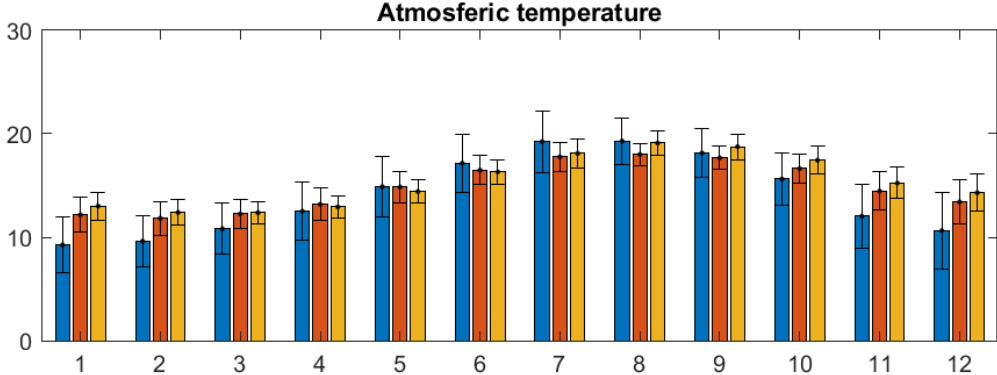
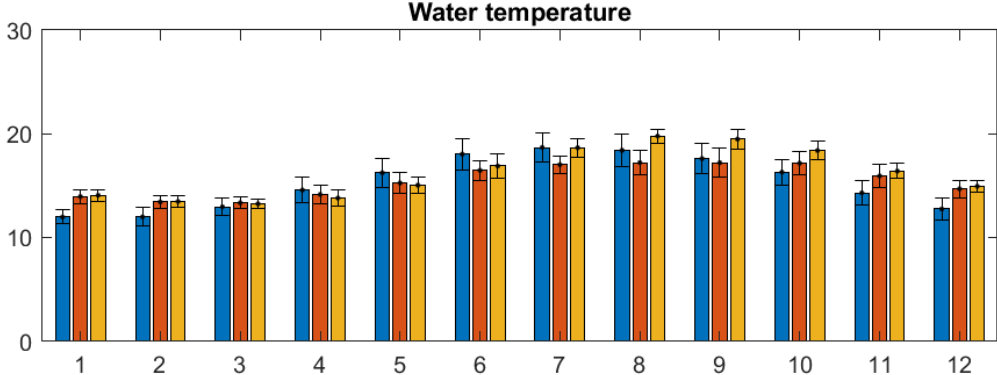
Periodo: 11/07/2017 - presente

Resolución temporal: 10 min

Profundidad: 1.5m



# Plataforma de Cortegada y OISST

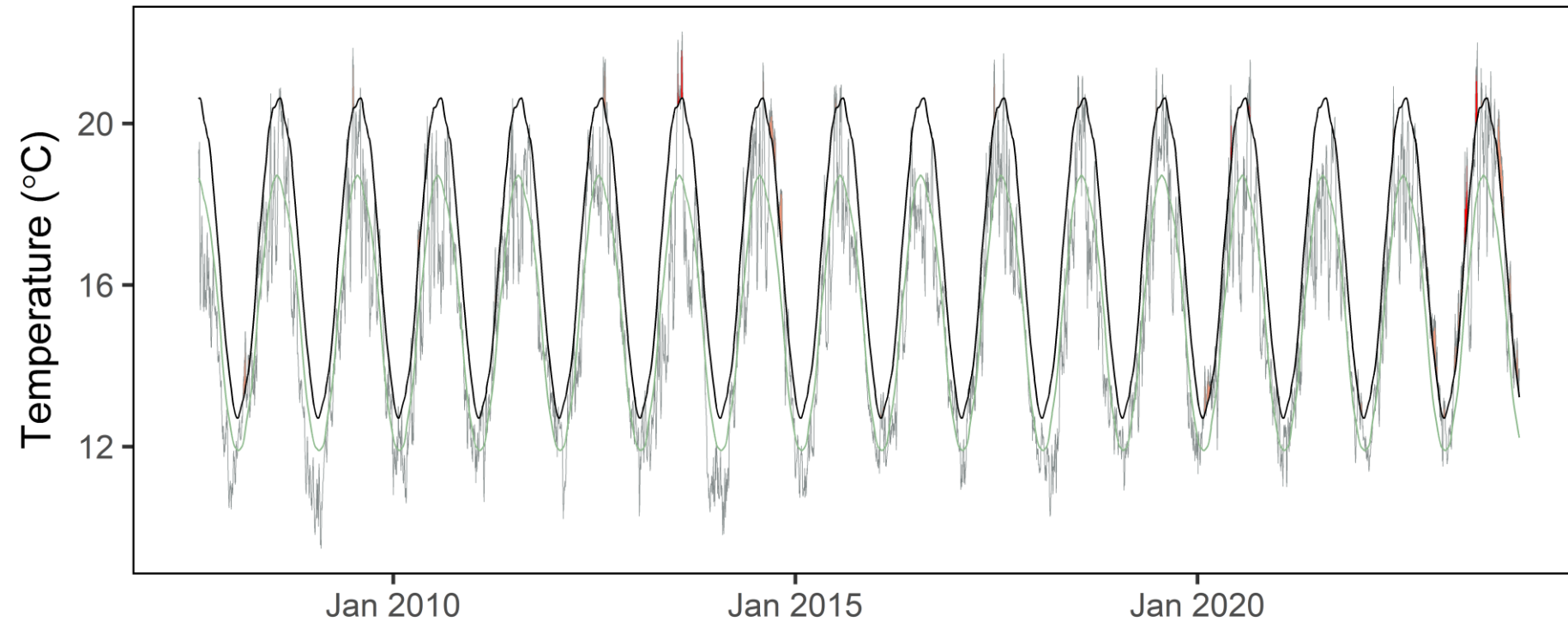


Legend: Cortegada (blue), P1 (orange), P13 (yellow)

# ¿Qué consideramos una ola de calor marina?

Hobday et al. (2016)

- Percentil 90
- Duración mínima de 5 días
- Gap 2 días



Event colour  all  top      Line colour  seas  temp  thresh

event_no	duration	date_start	date_peak	date_end	intensity_mean	intensity_max	intensity_var	intensity_cumulative
1	14	19-02-08	29-02-08	03-03-08	1.776	2.431	0.372	24.870
2	6	13-03-08	14-03-08	18-03-08	1.267	1.386	0.123	7.601
3	8	30-06-09	02-07-09	07-07-09	2.577	3.367	0.577	20.612
4	6	29-10-09	01-11-09	03-11-09	1.800	2.065	0.223	10.800
5	10	22-04-10	23-04-10	01-05-10	1.999	2.288	0.180	19.993
6	6	06-04-11	10-04-11	11-04-11	1.931	2.759	0.686	11.586
7	6	01-06-12	04-06-12	06-06-12	2.233	2.519	0.275	13.397
8	20	11-08-12	21-08-12	30-08-12	2.546	3.355	0.470	50.914
9	27	13-07-13	05-08-13	08-08-13	2.512	3.662	0.615	67.828
10	5	06-08-14	07-08-14	10-08-14	2.646	2.919	0.214	13.231
11	32	04-09-14	13-09-14	05-10-14	2.459	2.940	0.245	78.701
12	17	19-10-14	01-11-14	04-11-14	2.381	3.003	0.469	40.481
13	6	10-05-15	13-05-15	15-05-15	2.060	2.607	0.309	12.362
14	6	30-06-15	04-07-15	05-07-15	2.143	2.410	0.147	12.860
15	5	23-01-16	25-01-16	27-01-16	1.107	1.381	0.190	5.535
16	5	01-02-16	04-02-16	05-02-16	1.238	1.421	0.205	6.190
17	5	22-02-17	23-02-17	26-02-17	1.174	1.269	0.072	5.871
18	7	09-04-17	14-04-17	15-04-17	1.367	1.526	0.123	9.566
19	6	19-06-17	22-06-17	24-06-17	2.956	3.395	0.409	17.737
20	5	25-06-19	28-06-19	29-06-19	2.605	2.999	0.321	13.027
21	32	30-01-20	03-02-20	01-03-20	1.430	2.079	0.305	45.762
22	7	29-05-20	31-05-20	04-06-20	2.847	3.846	0.647	19.931
23	15	15-08-20	27-08-20	29-08-20	2.478	3.457	0.464	37.172
24	8	09-09-21	15-09-21	16-09-21	2.163	2.538	0.219	17.306
25	8	28-12-21	29-12-21	04-01-22	1.259	1.600	0.205	10.075
26	7	12-01-22	13-01-22	18-01-22	1.135	1.334	0.178	7.945
27	6	05-06-22	09-06-22	10-06-22	2.546	3.271	0.411	15.276
28	7	27-10-22	29-10-22	02-11-22	1.763	1.946	0.182	12.339
29	10	10-11-22	13-11-22	19-11-22	1.734	1.916	0.179	17.341
30	29	29-11-22	13-12-22	27-12-22	1.815	2.409	0.355	52.646
31	8	22-01-23	23-01-23	29-01-23	1.139	1.277	0.092	9.111
32	25	10-03-23	15-03-23	03-04-23	1.635	2.355	0.397	40.877
33	12	09-04-23	12-04-23	20-04-23	1.743	2.159	0.251	20.914
34	18	24-04-23	29-04-23	11-05-23	2.621	3.827	0.622	47.180
35	12	14-06-23	25-06-23	25-06-23	3.073	3.729	0.459	36.878
36	6	11-07-23	12-07-23	16-07-23	2.162	2.739	0.336	12.971
37	33	24-09-23	01-10-23	26-10-23	2.550	3.279	0.436	84.145
38	21	13-11-23	21-11-23	03-12-23	1.877	2.663	0.391	39.420
39	15	18-12-23	22-12-23	01-01-24	1.638	2.145	0.337	24.575

39 eventos

