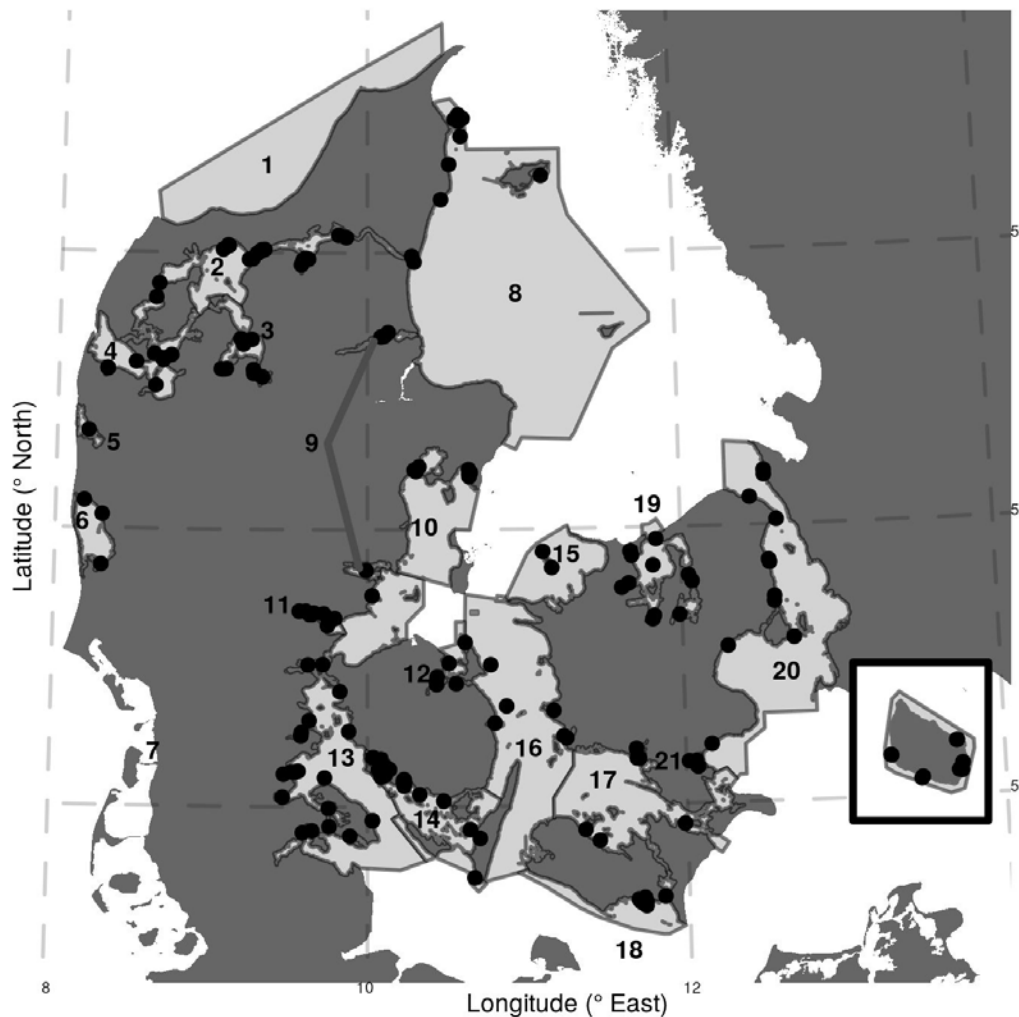


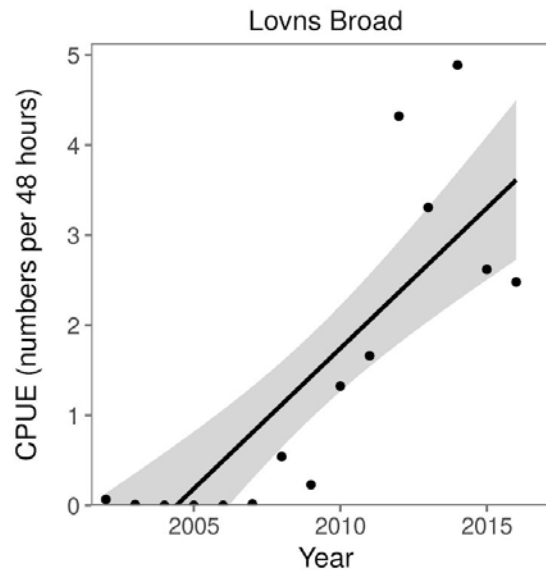
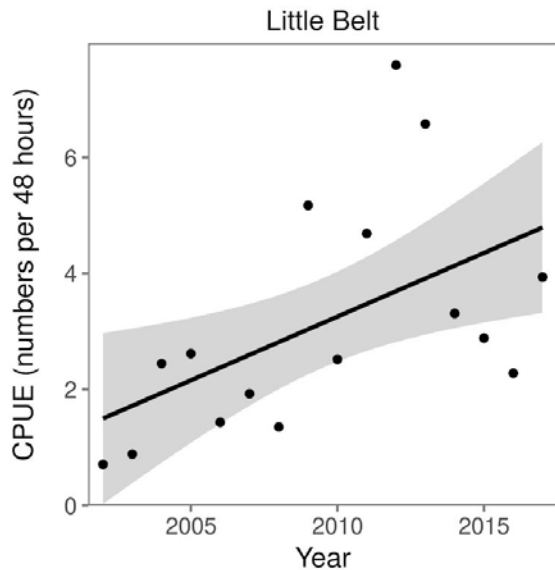
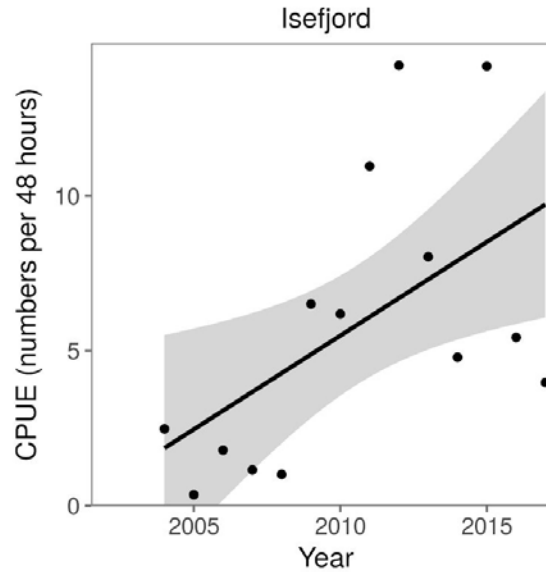
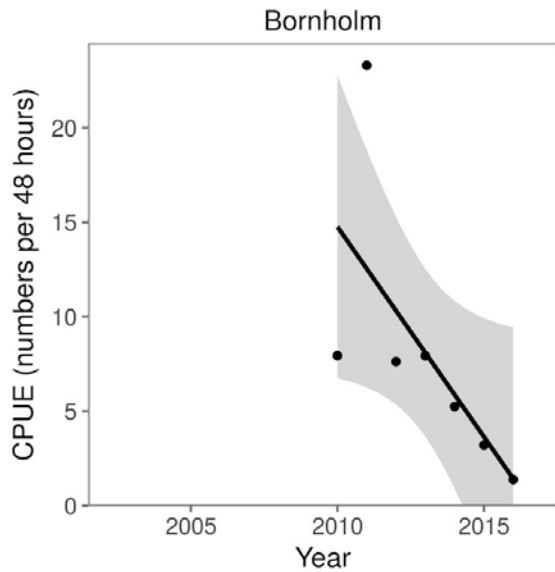
Eelpout as indicator for the status of coastal systems

Josianne G. Støttrup, Alexandros Kokkalis
DTU Aqua

Key fisher data
Eelpout catches in
fyke-nets
2002-2017



Nr.	Fishing Location	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	Open west coast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Northern Limfjord	84	51	42	113	0	0	111	92	55	100	101	60	77	25	30	58
3a	Skive Fjord	0	0	0	0	0	0	7	0	12	13	9	8	5	13	4	0
3b	Lovns Broad	17	22	14	8	15	25	56	32	82	58	64	89	102	79	63	0
4	Western Limfjord	0	0	0	56	68	55	214	226	222	195	172	119	180	112	134	91
5	Nissum Fjord	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
6	Ringkøbing Fjord	0	0	0	2	0	13	0	0	6	0	0	0	0	0	0	7
7	Bornholm	0	0	0	0	0	0	0	0	11	4	16	19	19	22	17	0
8	Aalborg Bay and Læsø	0	0	22	10	24	23	49	35	48	31	34	76	74	54	50	48
9a	Mariager Fjord	0	0	0	32	7	0	0	5	30	34	40	29	25	19	26	11
9b	Horsens Fjord	8	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Aarhus Bay	45	20	0	35	34	41	29	35	31	10	32	38	32	29	33	31
11	Vejle Fjord	29	16	0	40	33	2	96	71	47	66	93	63	79	69	50	55
12	Odense Fjord	46	54	94	31	25	22	18	24	35	35	32	33	26	26	19	19
13	Little Belt	21	14	20	44	2	21	162	115	76	107	29	45	19	11	39	37
14	Fyns archipelago	34	30	8	36	41	36	91	136	121	134	86	85	87	75	73	65
15	Sejerø Bay	0	0	0	0	0	0	23	17	18	24	10	13	13	6	9	5
16a	Great Belt	0	20	22	26	35	18	18	11	30	14	0	1	15	11	17	12
16b	Kerteminde Fjord	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	5
17	Smålandsfarvandet	0	29	20	39	28	34	0	0	0	0	0	0	0	0	44	41
18	Fehmarn Belt	0	5	0	24	8	4	13	5	38	15	29	22	7	18	23	24
19a	Roskilde Fjord	0	20	5	23	14	23	19	25	14	9	19	49	71	54	51	14
19b	Isefjord	0	0	11	18	30	40	34	25	34	37	25	33	14	24	18	19
20	Sound and Faxe Bay	0	8	13	20	14	20	45	39	0	9	7	18	12	14	20	7
21	Præstø Fjord	0	0	1	38	31	37	39	40	33	18	27	3	1	8	18	18



Areas with statistically significant trends (at the 0.1 level);

- decreasing (Bornholm)
- increasing (Little Belt, Isefjord, and Lovns Broad).

The shaded areas show 90% confidence intervals

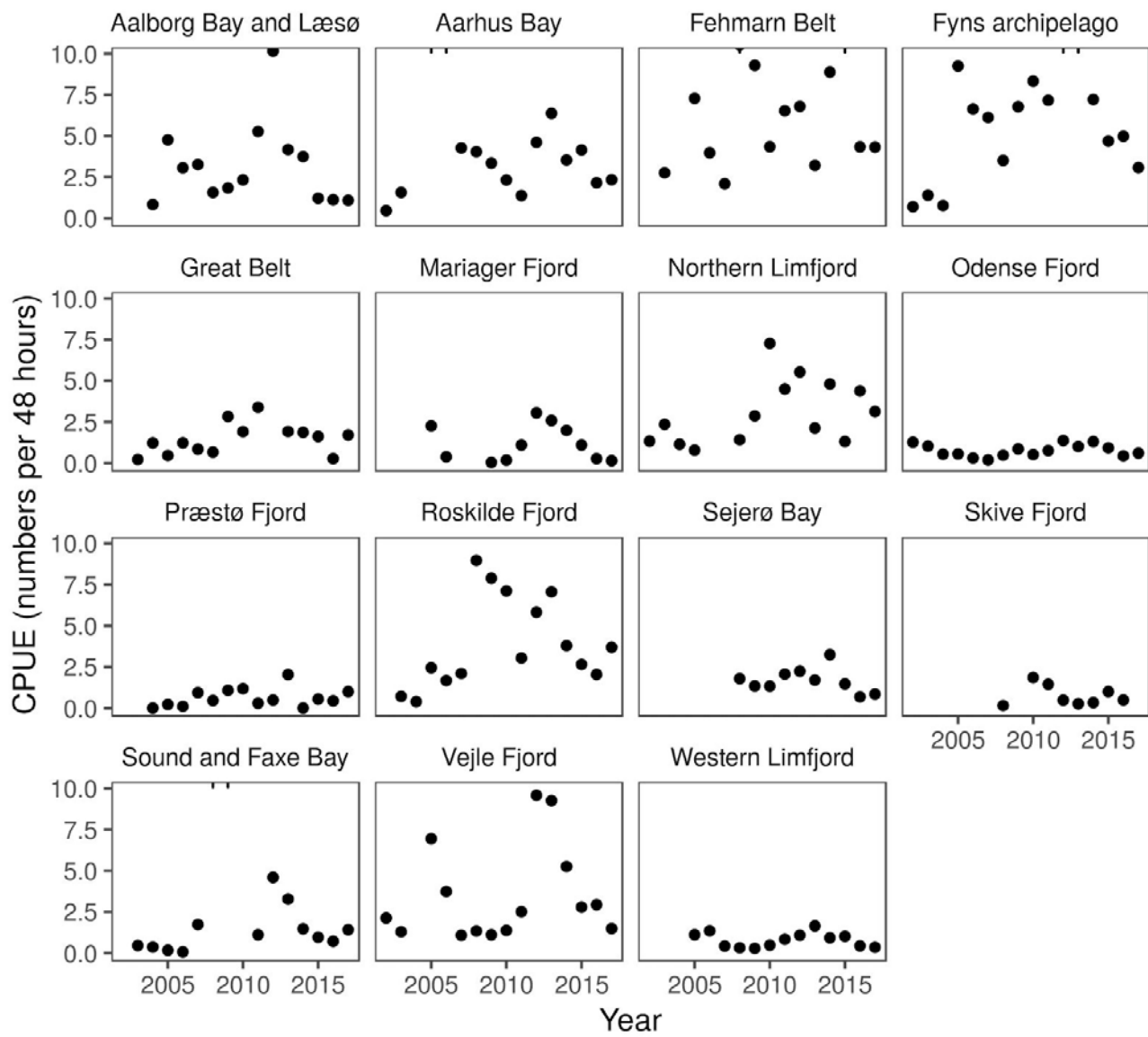


Table 3. Linear regression results for all areas and classification as Good (GES) or Not Good (SubGES) environmental status. Linear regressions with P -value > 0.1 are considered not significant and the estimate and corresponding P -value are in gray.

Nr.	Fishing location	Slope	P-value	Status
2	Northern Limfjord	0.1738	0.1152	SubGES
3a	Skive Fjord	-0.0431	0.6589	SubGES
3b	Lovns Broad	0.3116	0.0002	GES
4	Western Limfjord	-0.0087	0.8018	SubGES
7	Bornholm	-2.2243	0.0998	SubGES
8	Aalborg Bay and Læsø	-0.0201	0.9084	SubGES
9a	Mariager Fjord	-0.0212	0.8262	SubGES
10	Aarhus Bay	-0.1323	0.5055	SubGES
11	Vejle Fjord	0.1195	0.4918	SubGES
12	Odense Fjord	0.0066	0.7497	SubGES
13	Little Belt	0.2196	0.0365	GES
14	Fyns archipelago	0.2828	0.1557	SubGES
15	Sejerø Bay	-0.0569	0.5154	SubGES
16a	Great Belt	0.0667	0.2503	SubGES
18	Fehmarn Belt	0.2643	0.3466	SubGES
19a	Roskilde Fjord	0.1571	0.3540	SubGES
19b	Isefjord	0.6054	0.0433	GES
20	Sound and Faxe Bay	-0.0975	0.8279	SubGES
21	Præstø Fjord	0.0395	0.3097	SubGES

