

1 The Global Economic Case for Immediate and
2 Continuous Coastal Adaptation:
3 *Supporting Information*

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19 **1 Supplementary Information**

20 This supplementary information contains adaptation investment visualisations over
21 time for the medium climate change scenario (Figure S1) and information on the low
22 climate change scenario (Figure S2, S3, S4), high climate change scenario (Figure S5,
23 S6, S7) and counterfactual scenario without sea-level rise (Figure S8, S9). We also
24 provide detailed results for all countries under low, medium and high climate change
25 scenarios (Table S1) and cost data for all countries (Table S2).

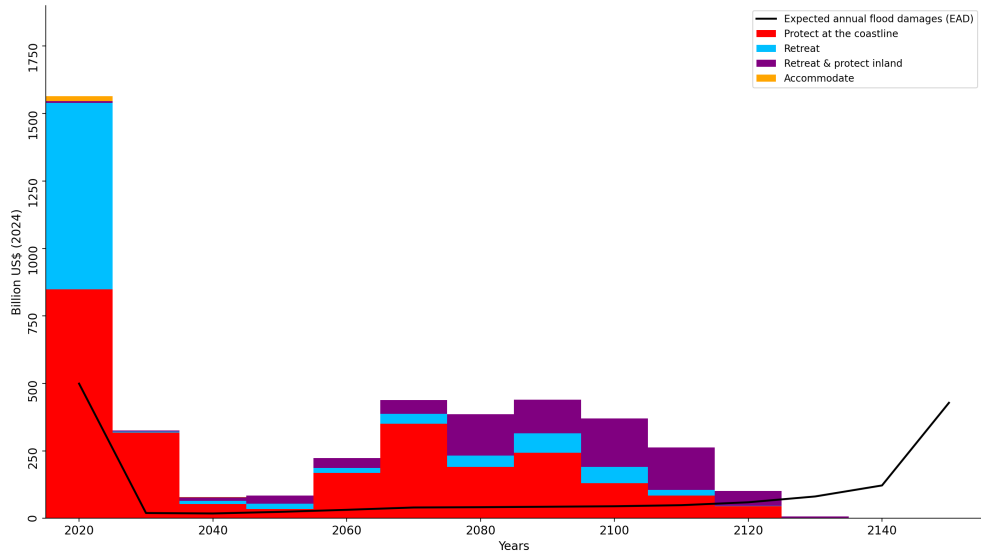


Fig. S1: Adaptation investments for each adaptation option (stacked bar plots) and expected annual flood damage (EAD) (black line), shown undiscounted, over time and aggregated across all floodplains under SSP2-4.5.

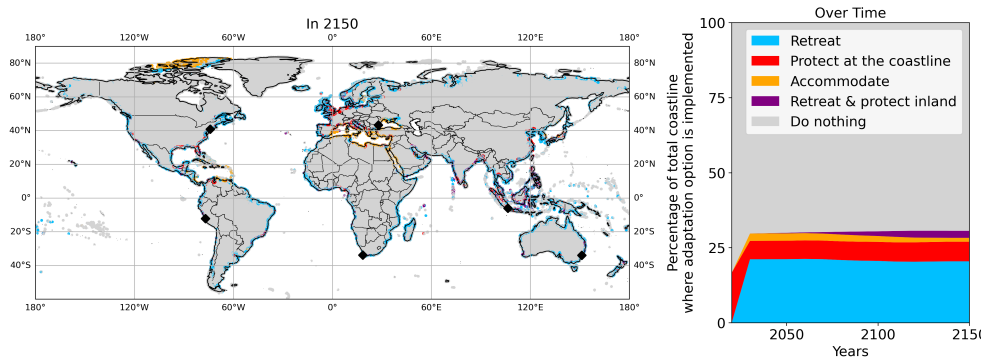


Fig. S2: Implemented adaptation options across floodplains and over time under SSP1-2.6. A map (left) showing the final adaptation option implemented per floodplain in 2150 and a graph (right) showing the percentage of the entire coastline where each adaptation option is implemented over time under SSP1-2.6.

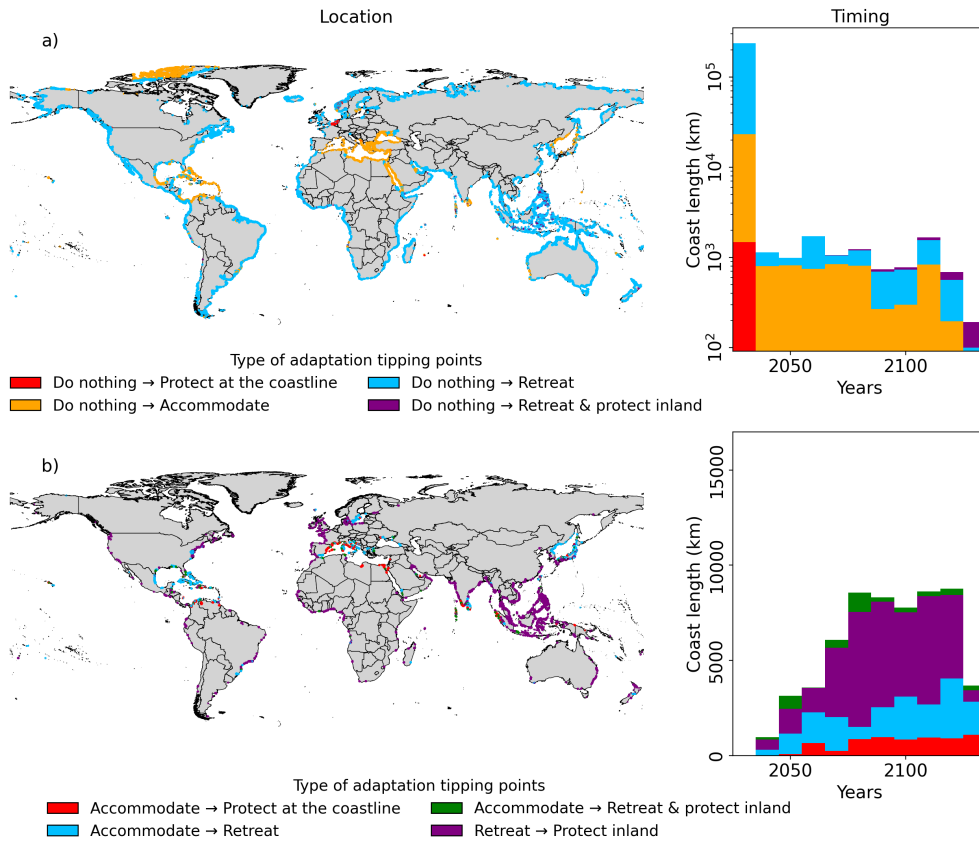


Fig. S3: The geographic location and timing of adaptation tipping points under SSP1-2.6. For adaptation tipping points where (a) doing nothing becomes insufficient and (b) another option becomes insufficient, a map (left) shows the geographic location and a stacked bar chart (right) illustrates the timing (x-axis) for the accumulated length of coastline (y-axis) for all floodplains under SSP1-2.6.

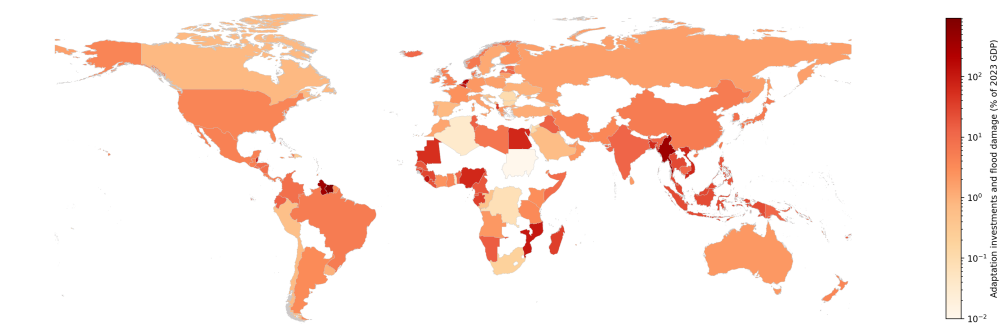


Fig. S4: Relative cost burden per country under SSP1-2.6. A map showing the discounted adaptation investments and expected residual flood damages over the entire time horizon relative to each countries GDP in 2023 under SSP1-2.6.

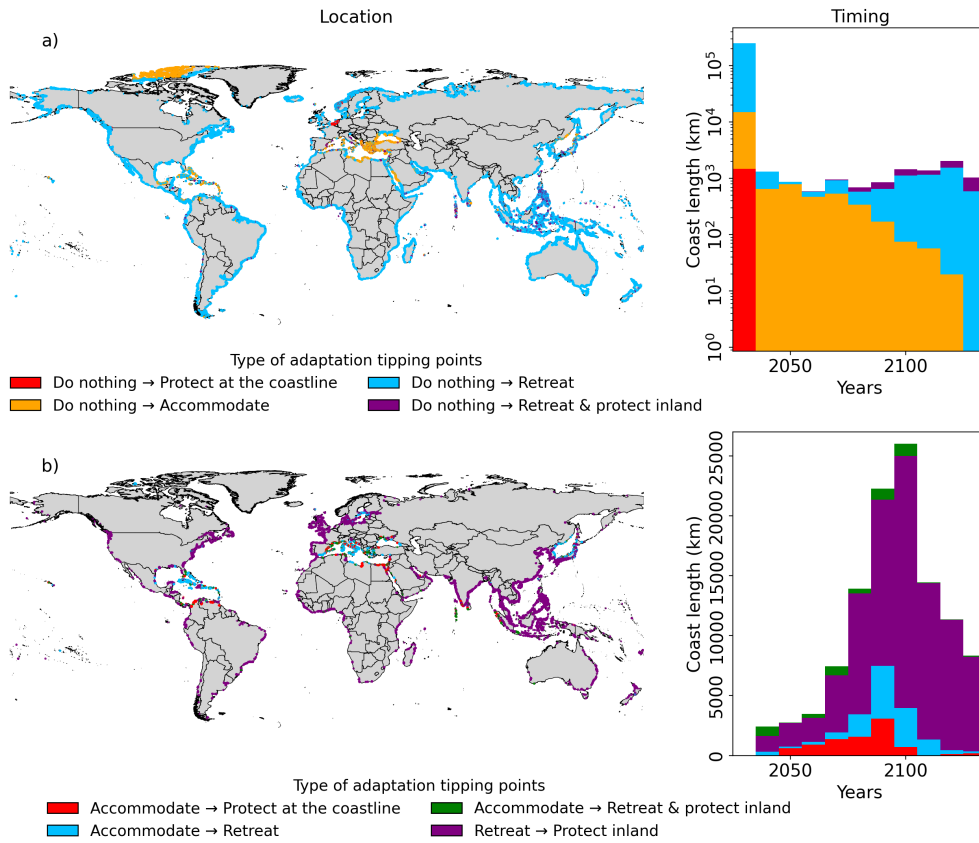


Fig. S5: The geographic location and timing of adaptation tipping points under SSP5-8.5. For adaptation tipping points where (a) doing nothing becomes insufficient and (b) another option becomes insufficient, a map (left) shows the geographic location and a stacked bar chart (right) illustrates the timing (x-axis) for the accumulated length of coastline (y-axis) for all floodplains under SSP5-8.5.

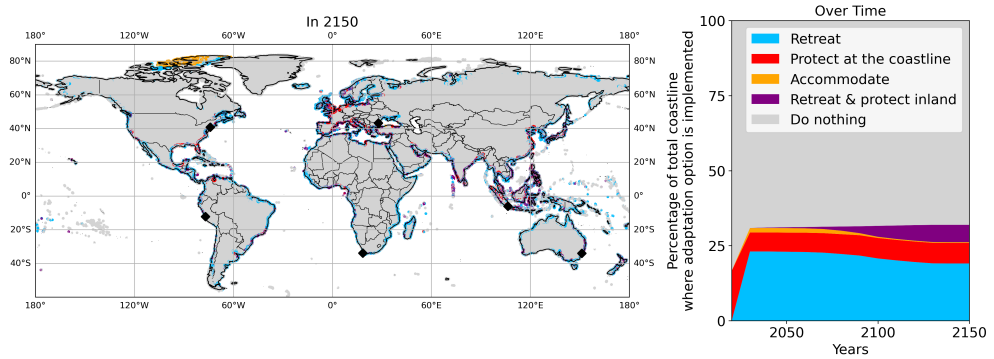


Fig. S6: Implemented adaptation options across floodplains and over time under SSP5-8.5. A map (left) showing the final adaptation option implemented per floodplain in 2150 and a graph (right) showing the percentage of the entire coastline where each adaptation option is implemented over time under SSP5-8.5.

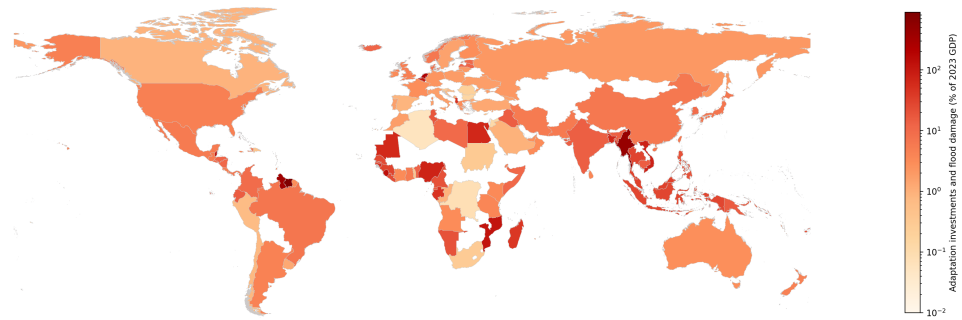


Fig. S7: Relative cost burden per country under SSP5-8.5. A map showing the discounted adaptation investments and expected residual flood damages over the entire time horizon relative to each countries GDP in 2023 under SSP5-8.5.

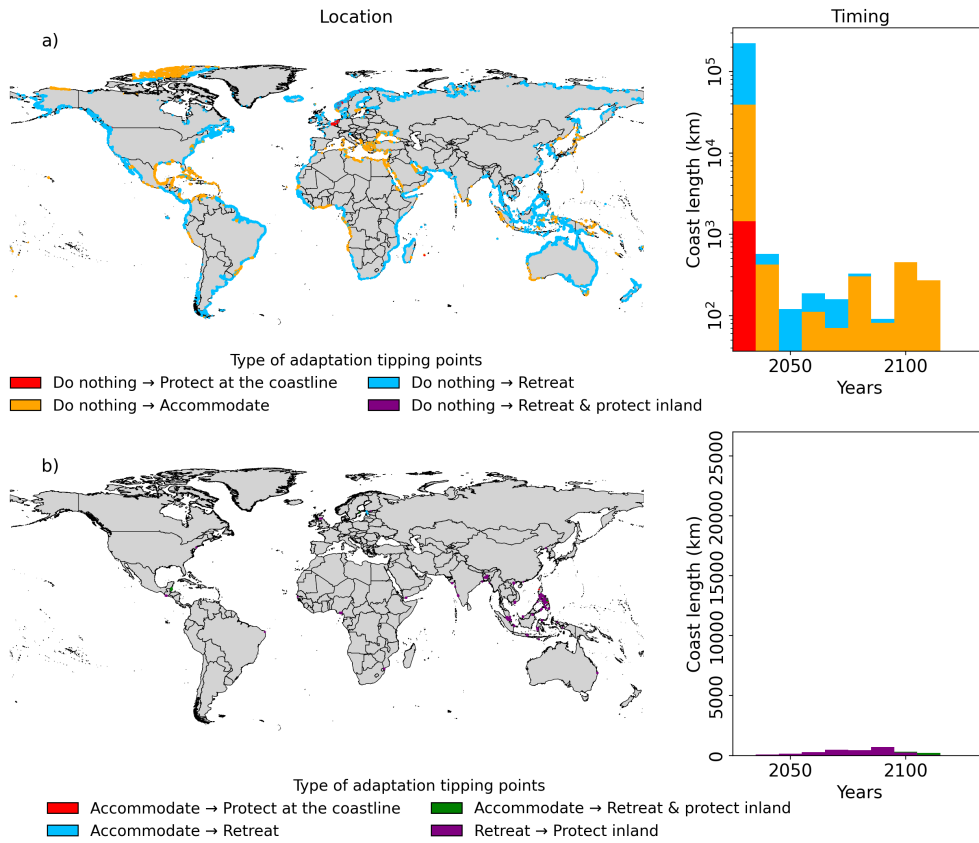


Fig. S8: The geographic location and timing of adaptation tipping points without sea-level rise. For adaptation tipping points where (a) doing nothing becomes insufficient and (b) another option becomes insufficient, a map (left) shows the geographic location and a stacked bar chart (right) illustrates the timing (x-axis) for the accumulated length of coastline (y-axis) for all floodplains under SSP2 and no sea-level rise.

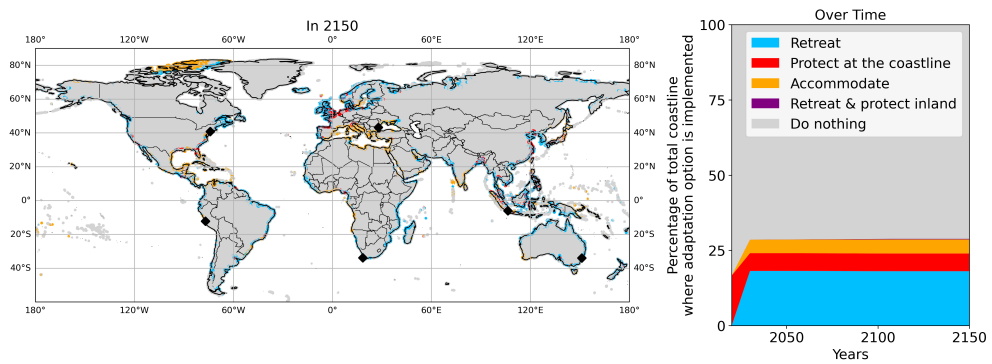


Fig. S9: Implemented adaptation options across floodplains and over time without sea-level rise. A map (left) showing the final adaptation option implemented per floodplain in 2150 and a graph (right) showing the percentage of the entire coastline where each adaptation option is implemented over time under SSP2 and no sea-level rise.

Table S1: The proportion of the coastline for which different adaptation options are implemented in 2150, along with the net present value of adaptation investments, residual expected flood damages and the total costs over the full time horizon (2020–2150) and as relative percentage to GDP. Results are shown per country for different climate scenarios: SSP2-4.5 (SSP1-2.6, SSP5-5.8).

Country	Coast length (km)	Protect at the coastline (%)	Retreat (%)	Accommodate (%)	Retreat and protect inland (%)	Do nothing (%)	Adaptation investments (bil. US\$)	Flood damages (bil. US\$)	Total costs (bil. US\$)	Relative costs (% of GDP)
Aaland	3550	0.0 (0.0, 0.0)	6.9 (2.2, 9.3)	1.3 (6.0, 0.1)	0.0 (0.0, 0.0)	91.7 (91.8, 90.5)	0.4 (0.4, 0.4)	0.0 (0.0, 0.0)	0.4 (0.4, 0.4)	- (-, -)
Albania	540	48.5 (47.9, 48.5)	4.2 (2.9, 4.0)	0.0 (2.0, 0.0)	0.0 (0.0, 0.3)	47.2 (47.2, 47.2)	0.9 (0.8, 1.3)	10.6 (10.4, 10.5)	11.6 (11.1, 11.7)	50.3 (48.4, 51.0)
Algeria	1399	0.7 (0.0, 0.8)	1.3 (0.0, 1.2)	0.4 (3.4, 0.0)	1.1 (0.0, 2.1)	96.5 (96.6, 95.9)	0.0 (0.0, 0.1)	0.1 (0.1, 0.1)	0.1 (0.1, 0.1)	0.0 (0.0, 0.1)
Angola	2495	1.9 (1.9, 1.9)	19.3 (18.4, 18.1)	0.0 (0.0, 0.0)	7.1 (6.3, 11.6)	71.8 (73.4, 68.4)	1.2 (1.1, 1.6)	0.8 (0.8, 0.9)	2.0 (1.8, 2.5)	2.3 (2.2, 3.0)
Anguilla	92	0.0 (0.0, 0.0)	2.5 (0.0, 10.7)	6.5 (7.9, 0.0)	0.0 (0.0, 0.0)	91.0 (92.1, 89.3)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Antigua and Barbuda	277	0.0 (0.0, 0.0)	0.0 (0.0, 3.4)	4.9 (4.0, 2.1)	0.0 (0.0, 0.7)	95.1 (96.0, 93.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.2 (1.2, 1.5)
Argentina	13302	0.9 (0.9, 0.9)	39.6 (40.9, 37.7)	0.0 (0.0, 0.0)	2.8 (0.7, 5.0)	56.7 (57.5, 56.3)	16.0 (13.5, 21.4)	6.8 (7.0, 6.8)	22.8 (20.5, 28.2)	3.6 (3.2, 4.4)
Aruba	75	0.0 (0.0, 0.0)	7.1 (0.0, 17.6)	0.0 (19.9, 0.0)	12.8 (0.0, 14.6)	80.1 (80.1, 67.8)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Australia	66305	0.8 (0.8, 0.8)	34.4 (34.3, 33.1)	0.0 (0.0, 0.0)	1.9 (1.6, 4.1)	63.0 (63.3, 61.9)	26.3 (23.9, 35.9)	13.1 (12.9, 13.4)	39.4 (36.8, 49.3)	2.3 (2.1, 2.9)
Bahamas	11214	0.0 (0.0, 0.0)	35.1 (31.5, 38.3)	2.2 (5.1, 0.1)	0.0 (0.0, 0.5)	62.8 (63.3, 61.1)	1.0 (1.0, 1.2)	0.2 (0.1, 0.3)	1.2 (1.1, 1.4)	8.2 (7.7, 10.1)
Bahrain	497	7.4 (7.4, 7.4)	24.6 (36.0, 20.5)	0.0 (9.0, 0.0)	0.0 (9.0, 0.0)	27.1 (27.1, 24.4)	1.2 (0.9, 1.6)	0.4 (0.3, 0.3)	1.6 (1.2, 1.9)	3.6 (2.8, 4.5)
Bangladesh	12203	59.4 (59.5, 58.6)	26.5 (27.0, 28.3)	0.0 (0.0, 0.0)	1.4 (0.8, 1.0)	12.7 (12.7, 12.1)	154.4 (162.4, 177.1)	106.1 (110.0, 118.3)	260.5 (272.4, 295.3)	59.6 (62.3, 67.5)
Barbados	96	0.0 (0.0, 0.0)	3.3 (0.0, 3.3)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	96.7 (100.0, 96.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Belgium	344	96.4 (96.4, 96.4)	0.7 (0.7, 0.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.1)	2.8 (2.8, 2.8)	26.4 (25.8, 26.9)	649.3 (652.0, 641.5)	675.7 (677.8, 668.4)	106.9 (107.2, 105.7)
Belize	1761	0.0 (9.7, 9.7)	57.9 (57.9, 51.8)	0.0 (0.0, 0.0)	17.1 (7.4, 13.5)	25.0 (25.0, 25.0)	3.6 (4.1, 5.2)	1.9 (1.2, 0.9)	5.5 (5.2, 6.1)	166.8 (159.5, 186.8)
Benin	259	12.6 (12.6, 12.6)	5.5 (34.0, 5.5)	0.0 (0.0, 0.0)	43.5 (15.1, 44.5)	38.3 (38.3, 37.4)	1.3 (1.2, 1.6)	1.1 (1.1, 1.1)	2.4 (2.3, 2.7)	12.2 (11.7, 13.5)
Bonaire, Saba and Saint Eustatius	183	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Brazil	50400	0.9 (0.9, 0.9)	60.0 (59.7, 59.2)	0.1 (0.7, 0.1)	2.3 (1.1, 4.5)	36.7 (37.7, 35.3)	92.5 (86.6, 116.4)	36.9 (36.4, 33.7)	129.4 (122.9, 150.1)	6.0 (5.7, 6.9)
British Virgin Islands	297	0.0 (0.0, 0.0)	13.1 (0.0, 13.8)	0.7 (13.8, 0.0)	0.0 (0.0, 1.3)	86.2 (86.2, 84.9)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Brunei	392	8.4 (9.1, 9.1)	28.2 (45.9, 28.2)	0.0 (0.0, 0.0)	33.9 (15.4, 33.4)	29.5 (29.5, 29.3)	1.0 (0.9, 1.2)	0.7 (0.6, 0.5)	1.7 (1.4, 1.7)	11.0 (9.4, 11.3)
Darussalam	425	0.0 (0.0, 1.8)	0.0 (0.3, 11.6)	17.8 (17.0, 1.1)	0.2 (0.0, 3.4)	82.1 (82.7, 82.1)	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	0.1 (0.1, 0.2)	0.1 (0.1, 0.1)
Bulgaria	1555	0.0 (0.0, 0.0)	43.9 (39.3, 44.4)	0.0 (0.0, 0.0)	6.0 (5.5, 14.8)	50.1 (55.2, 40.8)	3.4 (3.1, 4.2)	0.6 (0.7, 0.7)	4.0 (3.8, 4.8)	12.7 (12.0, 15.2)
Cambodia	1608	9.5 (9.5, 9.3)	71.6 (71.4, 73.0)	0.0 (0.0, 0.0)	0.1 (0.1, 0.4)	18.7 (18.9, 17.3)	3.0 (2.8, 3.2)	5.6 (5.6, 6.9)	8.5 (8.4, 10.1)	17.8 (17.5, 21.1)
Cameroun	263064	0.1 (0.1, 0.1)	3.0 (2.9, 3.1)	1.6 (1.7, 1.6)	0.0 (0.0, 0.3)	95.2 (95.2, 95.0)	12.5 (12.1, 15.3)	4.4 (4.3, 4.6)	16.9 (16.4, 19.8)	0.8 (0.8, 0.9)
Canada	985	0.0 (0.0, 0.0)	0.9 (0.9, 0.2)	0.0 (0.0, 0.0)	0.0 (0.0, 0.7)	99.1 (99.1, 99.1)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.5 (0.4, 0.7)
Cape Verde	207	0.0 (0.0, 0.0)	39.8 (39.8, 48.0)	1.2 (1.2, 0.0)	0.0 (0.0, 0.0)	59.0 (59.0, 52.0)	0.1 (0.1, 0.1)	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	- (-, -)
Cayman Islands	67226	0.0 (0.0, 0.0)	2.5 (2.4, 2.5)	0.0 (0.0, 0.0)	0.1 (0.0, 0.2)	97.4 (97.5, 97.3)	1.9 (1.9, 2.2)	0.4 (0.4, 0.4)	2.4 (2.2, 2.6)	0.7 (0.7, 0.8)
Chile	37872	27.3 (26.6, 27.8)	28.0 (31.8, 20.9)	0.0 (0.0, 0.0)	4.4 (0.5, 11.8)	40.3 (41.0, 39.5)	587.4 (576.1, 688.4)	398.0 (404.7, 410.7)	985.4 (980.8, 1099.2)	5.5 (5.5, 6.2)
China	82	0.0 (0.0, 0.0)	28.5 (20.4, 28.5)	0.0 (0.0, 0.0)	71.5 (79.6, 71.5)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Cocos Islands	7115	13.9 (13.9, 12.9)	51.1 (55.8, 49.4)	0.0 (1.4, 0.0)	6.7 (0.5, 10.5)	28.3 (28.4, 27.1)	17.9 (16.7, 20.7)	15.2 (14.8, 14.6)	33.1 (31.5, 35.3)	9.1 (8.7, 9.7)
Colombia	622	0.0 (0.0, 0.0)	0.2 (0.2, 0.7)	0.0 (0.0, 0.0)	0.2 (0.0, 0.2)	99.6 (99.8, 99.1)	0.2 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.5 (0.4, 0.6)
Comoros	265	0.0 (0.0, 0.0)	50.7 (50.0, 45.3)	0.0 (0.0, 0.0)	1.0 (0.0, 9.1)	48.3 (50.0, 45.6)	0.1 (0.1, 0.1)	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	0.6 (0.5, 0.9)
Congo	419	0.0 (0.0, 0.0)	55.7 (54.3, 55.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	44.3 (45.7, 44.3)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	0.1 (0.1, 0.1)
Congo, Democratic Republic	466	0.0 (0.0, 0.0)	0.4 (0.4, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.4)	99.6 (99.6, 99.6)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Cook Islands	1942	2.7 (2.7, 2.7)	28.7 (20.1, 31.6)	0.0 (8.8, 0.0)	2.9 (0.3, 5.8)	65.7 (68.2, 59.9)	1.6 (1.4, 1.9)	2.5 (2.6, 2.5)	4.1 (4.0, 4.4)	4.7 (4.6, 5.1)
Costa Rica	1534	2.5 (2.5, 2.5)	29.5 (34.7, 25.4)	0.0 (0.0, 0.0)	15.8 (8.9, 21.0)	52.2 (53.9, 51.1)	1.8 (1.6, 2.1)	0.5 (0.4, 0.4)	2.2 (2.0, 2.5)	2.8 (2.5, 3.2)
Cote de Ivoire	4833	1.0 (1.0, 1.1)	1.9 (2.2, 1.8)	0.0 (0.0, 0.0)	0.7 (0.3, 0.8)	96.4 (96.5, 96.4)	0.3 (0.3, 0.4)	0.2 (0.2, 0.2)	0.6 (0.5, 0.6)	0.7 (0.6, 0.8)
Croatia	13738	0.6 (0.6, 0.4)	41.9 (28.1, 40.4)	0.6 (14.1, 0.0)	0.5 (0.4, 4.3)	56.4 (56.8, 54.9)	4.8 (4.2, 6.6)	2.0 (2.1, 2.3)	6.8 (6.3, 8.9)	- (-, -)
Cuba	182	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	NaN (NaN, -)
Curacao	619	3.4 (3.4, 3.4)	3.4 (0.0, 4.5)	1.3 (5.5, 0.0)	1.1 (0.3, 2.6)	90.8 (90.8, 89.5)	0.0 (0.0, 0.1)	0.1 (0.1, 0.1)	0.1 (0.1, 0.2)	0.4 (0.3, 0.5)
Cyprus	6075	8.7 (8.7, 8.9)	50.5 (53.3, 47.2)	0.0 (0.3, 0.0)	4.1 (0.8, 8.1)	36.8 (37.0, 35.8)	25.8 (24.2, 29.9)	4.3 (4.2, 3.9)	30.1 (28.5, 33.8)	7.5 (7.0, 8.4)
Denmark	416	0.7 (0.7, 0.7)	33.4 (38.1, 34.9)	0.0 (0.0, 0.0)	10.7 (6.1, 10.3)	55.2 (55.2, 54.2)	0.1 (0.1, 0.2)	0.0 (0.0, 0.0)	0.2 (0.1, 0.2)	4.2 (3.7, 5.6)
Djibouti	146	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.3, 0.0)	0.3 (0.0, 0.3)	99.7 (99.7, 99.7)	0.3 (0.0, 0.0)	0.0 (0.0, 0.0)	0.1 (0.0, 0.0)	0.1 (0.0, 0.2)
Dominica	1529	1.6 (1.3, 1.3)	13.3 (2.5, 18.2)	2.7 (15.7, 0.6)	2.7 (0.0, 3.5)	79.7 (80.5, 76.4)	0.3 (0.2, 0.4)	0.1 (0.1, 0.2)	0.4 (0.4, 0.5)	0.3 (0.3, 0.4)
Dominican Republic	750	0.0 (0.0, 0.0)	12.0 (10.2, 18.2)	0.0 (0.0, 0.0)	3.4 (3.9, 4.3)	84.6 (85.9, 77.5)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.6 (1.6, 2.0)
East Timor	7395	0.9 (0.9, 0.9)	46.5 (54.6, 40.4)	0.0 (0.0, 0.0)	16.6 (8.4, 22.9)	36.0 (36.1, 35.8)	11.3 (10.5, 13.0)	5.7 (5.7, 5.6)	17.0 (16.2, 18.7)	14.3 (13.6, 15.7)
Ecuador	5264	27.1 (25.7, 26.9)	21.7 (7.9, 24.0)	0.2 (20.7, 0.0)	6.0 (0.4, 5.9)	45.0 (45.3, 43.2)	5.7 (5.0, 6.7)	277.1 (258.3, 258.3)	282.8 (263.3, 265.1)	71.4 (66.5, 66.9)
Egypt	742	0.0 (0.0, 0.0)	57.7 (60.0, 58.2)	0.0 (0.0, 0.0)	12.6 (10.3, 12.6)	29.7 (29.7, 29.2)	2.1 (1.8, 2.1)	1.1 (1.2, 1.1)	3.0 (2.9, 3.2)	8.8 (8.6, 9.5)
El Salvador	657	3.3 (3.3, 3.3)	13.6 (13.9, 13.7)	0.0 (0.0, 0.0)	9.0 (9.0, 9.5)	74.1 (73.8, 73.5)	0.7 (0.6, 0.8)	1.0 (1.0, 1.1)	1.7 (1.6, 1.8)	14.0 (13.4, 15.0)
Equatorial Guinea	2924	0.0 (0.0, 0.0)	34.0 (28.0, 36.3)	0.2 (5.1, 0.0)	1.7 (1.7, 1.9)	64.1 (65.2, 61.8)	0.1 (0.1, 0.2)	0.0 (0.0, 0.0)	0.2 (0.1, 0.2)	- (-, -)
Eritrea	2365	0.3 (0.3, 0.3)	74.2 (73.0, 72.3)	0.2 (0.3, 0.6)	0.0 (0.0, 3.7)	25.3 (26.4, 23.7)	3.7 (3.6, 4.2)	0.3 (0.2, 0.2)	3.9 (3.8, 4.4)	9.7 (9.2, 10.9)
Estonia	6017	0.0 (0.0, 0.0)	0.3 (0.2, 0.3)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	99.7 (99.8, 99.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Falkland Islands	924	0.1 (0.1, 0.1)	0.6 (0.6, 0.6)	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	99.2 (99.3, 99.2)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Faroe Islands	4179	0.0 (0.0, 0.0)	12.5 (12.8, 10.0)	0.0 (0.0, 0.0)	1.8 (0.1, 6.9)	85.7 (87.1, 83.2)	0.8 (0.7, 1.0)	0.1 (0.1, 0.2)	0.9 (0.8, 1.2)	16.8 (14.7, 21.5)
Fiji	15175	0.6 (0.6, 0.8)	31.2 (30.7, 31.9)	0.3 (0.6, 0.0)	0.4 (0.2, 1.3)	67.5 (67.9, 66.0)	7.2 (7.1, 8.2)	2.7 (2.6, 3.0)	8.1 (7.9, 8.9)	2.7 (2.6, 3.0)
France	8928	21.4 (21.9, 22.5)	18.1 (17.3, 12.6)	0.0 (1.5, 0.0)	4.0 (2.7, 9.1)	56.4 (56.6, 55.8)	43.7 (41.9, 49.0)	39.5 (38.9, 37.9)	83.2 (80.8, 86.8)	2.7 (2.7, 2.9)
French Guiana	1022	0.0 (0.0, 0.0)	74.5 (74.5, 28.2)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	25.5 (25.5, 24.7)	0.6 (0.5, 1.2)	0.2 (0.2, 0.2)	0.8 (0.7, 1.4)	- (-, -)
French Polynesia	5479	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
French Southern Territories	393	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	NaN (NaN, NaN)
Gabon	2213	0.0 (0.0, 0.0)	63.0 (60.8, 33.4)	0.0 (0.0, 0.0)	10.0 (10.0, 40.0)	27.0 (29.2, 26.6)	3.9 (3.7, 6.1)	4.0 (3.5, 3.7)	7.9 (7.2, 9.8)	38.5 (35.0, 47.9)
Gambia	1173	0.0 (0.0, 0.5)	86.1 (91.7, 85.8)	0.0 (0.0, 0.0)	6.5 (0.6, 6.3)	7.4 (7.7, 7.4)	0.3 (0.3, 0.4)	0.1 (0.1, 0.1)	0.4 (0.4, 0.5)	19.0 (16.6, 23.3)
Georgia	397	0.0 (0.0, 2.3)	42.3 (38.6, 35.1)	20.5 (23.5, 3.0)	0.0 (0.0, 22.7)	37.1 (37.9, 36.8)	0.3 (0.2, 0.4)	0.1 (0.0, 0.1)	0.3 (0.3, 0.5)	1.0 (0.9, 1.5)
Germany	4104	41.2 (41.5, 45.2)	35.1 (37.5, 26.4)	0.0 (0.0, 0.0)	3.7 (0.5, 8.5)	20.1 (20.6, 19.9)	67.4 (65.5, 74.5)	31.0 (31.0, 30.2)	98.4 (96.6, 104.7)	2.2 (2.2, 2.3)
Ghana	1010	0.3 (0.3, 0.4)	9.5 (45.3, 7.4)	0.0 (0.0, 0.0)	47.7 (11.0, 50.1)	42.5 (43.4, 42.2)	3.0 (2.6, 3.7)	3.0 (3.2, 4.4)	3.7 (3.2, 4.4)	4.9 (4.1, 5.7)
Gibraltar	15	0.0 (32.4, 32.4)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	32.4 (0.0, 0.0)	67.6 (67.6, 67.6)	0.1 (0.0, 0.1)	0.0 (0.0, 0.0)	0.1 (0.0, 0.1)	- (-, -)

Continued on next page

Table S1 continued

Country	Coast length (km)	Protect at the coastline (%)	Retreat (%)	Accommodate (%)	Retreat and protect inland (%)	Do nothing (%)	Adaptation investments (bil. US\$)	Flood damages (bil. US\$)	Total costs (bil. US\$)	Relative costs (% of GDP)
Greece	13553	4.4 (2.7, 4.7)	5.9 (3.5, 4.9)	0.5 (5.4, 0.0)	1.4 (0.5, 3.0)	87.8 (87.8, 87.3)	1.4 (0.8, 2.6)	4.8 (4.8, 4.8)	6.1 (5.6, 7.4)	2.6 (2.3, 3.1)
Greenland	62417	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	99.9 (99.9, 99.9)	0.2 (0.2, 0.2)	0.0 (0.0, 0.0)	0.3 (0.3, 0.3)	- (-, -)
Grenada	192	0.4 (0.4, 0.4)	0.9 (0.6, 0.8)	0.0 (0.3, 0.0)	0.0 (0.0, 0.3)	98.6 (98.6, 98.4)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.7 (0.6, 0.9)
Guadeloupe	430	0.0 (0.0, 0.0)	2.0 (0.0, 12.7)	11.3 (13.0, 0.3)	0.0 (0.0, 1.8)	86.7 (87.0, 85.2)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Guatemala	514	6.1 (6.1, 6.1)	28.9 (34.0, 28.9)	0.0 (0.0, 0.0)	47.4 (41.4, 47.4)	17.5 (18.4, 17.5)	2.8 (2.5, 3.1)	2.5 (2.5, 2.5)	5.2 (5.0, 5.7)	5.1 (4.9, 5.5)
Guernsey	96	17.5 (17.5, 17.5)	5.0 (5.0, 1.5)	0.0 (0.0, 0.0)	5.7 (5.7, 9.2)	71.8 (71.8, 71.8)	0.7 (0.7, 0.8)	0.1 (0.1, 0.1)	0.8 (0.8, 0.9)	- (-, -)
Guinea	2728	0.0 (0.0, 0.0)	93.0 (93.0, 92.4)	0.0 (0.0, 0.0)	0.1 (0.1, 0.7)	6.9 (6.9, 6.9)	5.8 (5.7, 6.0)	1.0 (1.1, 1.2)	6.9 (6.8, 7.2)	29.1 (28.7, 30.6)
Guinea-Bissau	4552	0.0 (0.0, 0.0)	77.2 (76.0, 78.0)	0.0 (0.0, 0.0)	0.3 (0.5, 0.7)	22.5 (23.5, 21.3)	0.7 (0.6, 0.8)	0.4 (0.4, 0.6)	1.1 (1.0, 1.4)	55.2 (51.3, 70.3)
Guyana	1693	25.3 (25.3, 25.3)	48.3 (48.3, 49.8)	0.0 (0.0, 0.0)	0.2 (0.0, 0.2)	26.2 (26.4, 24.7)	17.7 (17.1, 18.8)	42.9 (43.6, 42.1)	60.6 (60.7, 60.9)	361.1 (361.8, 363.1)
Haiti	1832	0.4 (0.4, 0.4)	11.7 (13.1, 14.1)	0.6 (1.4, 0.0)	13.2 (9.6, 13.6)	74.2 (75.4, 71.9)	0.9 (0.7, 1.1)	0.1 (0.1, 0.1)	1.0 (0.8, 1.2)	4.8 (4.0, 6.2)
Honduras	2017	0.0 (0.0, 0.0)	71.2 (72.8, 67.8)	0.0 (0.5, 0.0)	6.8 (4.3, 10.9)	22.0 (22.4, 21.2)	3.1 (2.8, 3.6)	0.5 (0.5, 0.8)	3.6 (3.3, 4.3)	10.6 (9.6, 12.6)
Hong Kong, China SAR	749	8.4 (8.2, 8.4)	2.5 (3.0, 2.8)	0.0 (0.0, 0.0)	0.8 (0.2, 1.3)	88.4 (88.7, 87.5)	1.5 (1.3, 1.7)	1.0 (1.0, 1.0)	2.5 (2.3, 2.7)	0.6 (0.6, 0.7)
Iceland	6585	0.1 (0.1, 0.1)	19.1 (19.2, 19.1)	0.1 (0.1, 0.1)	0.1 (0.0, 0.4)	80.5 (80.6, 80.3)	1.3 (1.3, 1.5)	2.3 (2.3, 2.2)	3.6 (3.6, 3.7)	11.8 (11.5, 11.9)
India	24683	16.2 (16.2, 15.8)	30.0 (33.6, 29.8)	0.0 (0.1, 0.0)	20.7 (15.9, 23.1)	33.1 (34.2, 31.3)	258.4 (269.7, 337.6)	168.1 (165.4, 178.1)	426.5 (435.1, 515.7)	12.0 (12.3, 14.5)
Indonesia	110544	16.2 (16.3, 16.4)	24.8 (25.9, 23.7)	0.0 (0.0, 0.0)	10.3 (8.1, 13.0)	48.7 (49.7, 46.9)	216.9 (207.1, 245.0)	147.4 (143.5, 137.5)	364.2 (350.6, 382.6)	26.6 (25.6, 27.9)
Iran, Islamic Republic	5974	0.0 (0.0, 21.8)	32.4 (31.2, 22.5)	0.0 (0.3, 0.0)	23.5 (23.5, 12.2)	44.1 (45.0, 43.5)	16.1 (13.0, 19.6)	2.5 (3.2, 3.1)	18.6 (16.3, 22.7)	4.6 (4.0, 5.9)
Iraq	929	92.0 (92.0, 92.0)	3.9 (3.4, 5.0)	0.0 (0.0, 0.0)	0.2 (0.0, 0.0)	3.9 (4.6, 3.0)	29.6 (27.7, 31.8)	6.3 (7.4, 7.2)	36.0 (35.1, 39.0)	14.3 (14.0, 15.5)
Ireland	5873	2.8 (2.8, 2.8)	30.6 (30.4, 30.0)	0.0 (0.0, 0.0)	0.8 (0.6, 2.2)	65.8 (66.2, 65.0)	14.7 (14.2, 15.9)	1.3 (1.4, 1.3)	16.0 (15.5, 17.2)	2.9 (2.8, 3.1)
Isle of Man	144	3.7 (3.7, 3.7)	16.5 (16.5, 16.5)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	79.8 (79.8, 79.8)	0.2 (0.2, 0.2)	0.0 (0.0, 0.0)	0.2 (0.2, 0.3)	- (-, -)
Israel	211	1.8 (1.0, 1.8)	2.5 (0.0, 2.3)	0.0 (6.8, 0.0)	3.8 (0.2, 7.2)	91.9 (91.9, 88.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Italy	8313	19.0 (19.0, 19.7)	12.0 (5.3, 10.7)	0.4 (8.2, 0.0)	2.2 (1.0, 4.1)	66.5 (66.6, 65.5)	20.0 (19.0, 23.2)	17.7 (17.0, 16.8)	37.7 (36.0, 39.9)	1.7 (1.6, 1.8)
Jamaica	836	0.0 (0.0, 0.0)	29.0 (2.7, 29.0)	0.2 (28.3, 1.3)	2.2 (0.0, 2.3)	68.6 (69.0, 67.5)	0.4 (0.2, 0.6)	0.1 (0.2, 0.1)	0.5 (0.4, 0.7)	2.7 (2.3, 3.7)
Japan	28539	13.7 (13.9, 14.3)	9.7 (8.8, 6.1)	0.0 (0.3, 0.0)	1.5 (1.1, 6.2)	75.1 (75.9, 73.4)	147.6 (143.6, 179.3)	104.0 (103.5, 103.6)	251.6 (247.1, 283.0)	6.0 (5.9, 6.7)
Jersey	71	12.4 (12.4, 12.4)	11.6 (15.7, 8.2)	0.0 (0.0, 0.0)	4.1 (0.0, 7.5)	71.9 (71.9, 71.9)	0.5 (0.5, 0.5)	0.1 (0.1, 0.0)	0.5 (0.5, 0.6)	- (-, -)
Jordan	25	9.3 (9.3, 9.3)	0.0 (0.0, 4.9)	0.0 (0.0, 0.0)	0.0 (0.0, 5.7)	90.7 (90.7, 80.1)	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	0.1 (0.1, 0.1)	0.1 (0.1, 0.1)
Kenya	1488	0.0 (0.0, 0.0)	69.5 (71.3, 68.0)	0.0 (0.0, 0.0)	2.2 (0.1, 4.3)	28.3 (28.6, 27.7)	2.8 (2.7, 3.1)	0.6 (0.5, 0.6)	3.4 (3.2, 3.6)	3.1 (3.0, 3.4)
Kiribati	1763	0.0 (0.0, 0.0)	8.5 (8.4, 6.9)	0.0 (0.0, 0.0)	0.0 (0.0, 2.0)	91.5 (91.6, 91.1)	0.1 (0.1, 0.1)	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	32.0 (30.4, 39.0)
Korea, Democratic Peoples Republic	4268	0.0 (0.4, 0.6)	45.4 (44.7, 38.0)	0.0 (0.1, 0.0)	0.9 (0.3, 9.3)	53.6 (54.5, 52.0)	6.5 (6.1, 7.7)	0.6 (0.5, 0.9)	7.1 (6.7, 8.6)	- (-, -)
Korea, Republic	10783	3.1 (3.1, 3.3)	31.4 (33.4, 29.6)	0.1 (0.3, 0.0)	2.8 (0.1, 5.2)	62.7 (63.0, 61.9)	132.5 (126.7, 146.8)	18.7 (19.0, 22.1)	151.2 (145.8, 168.9)	8.8 (8.5, 9.9)
Kuwait	736	1.5 (0.1, 1.5)	59.8 (61.2, 57.1)	0.0 (0.0, 0.0)	11.0 (9.6, 15.5)	27.7 (29.1, 25.9)	1.1 (1.0, 1.6)	0.4 (0.4, 0.4)	1.6 (1.4, 2.0)	1.0 (0.9, 1.2)
Latvia	671	26.1 (26.1, 26.1)	24.8 (25.6, 19.1)	0.0 (0.0, 0.0)	47.2 (48.3, 45.6)	4.9 (0.0, 9.2)	4.2 (3.9, 4.5)	0.9 (0.9, 0.7)	5.0 (4.8, 5.6)	11.6 (10.9, 12.8)
Lebanon	244	6.2 (2.0, 6.2)	1.0 (0.0, 3.1)	1.9 (7.9, 0.0)	0.8 (0.0, 1.2)	90.1 (90.1, 89.5)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Liberia	905	4.2 (4.2, 4.2)	39.5 (39.6, 41.5)	0.0 (0.0, 0.0)	5.7 (5.0, 7.6)	50.6 (51.1, 46.6)	0.7 (0.7, 0.8)	0.3 (0.3, 0.3)	1.0 (0.9, 1.1)	22.6 (21.2, 25.1)
Libya	1932	17.5 (9.8, 17.3)	23.6 (0.0, 21.5)	1.4 (38.9, 0.6)	6.9 (0.0, 10.3)	50.6 (51.3, 50.2)	1.8 (1.2, 2.8)	2.5 (2.4, 2.5)	4.4 (3.6, 5.2)	8.6 (7.2, 10.4)
Lithuania	232	2.6 (1.3, 2.6)	27.9 (55.0, 23.2)	0.0 (0.0, 0.0)	25.8 (0.0, 30.5)	43.7 (43.7, 43.7)	1.2 (1.1, 1.4)	0.3 (0.2, 0.2)	1.3 (1.3, 1.6)	1.9 (1.7, 2.1)
Macau	48	45.6 (45.6, 45.6)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.9 (2.9, 2.9)	51.6 (51.6, 51.6)	0.5 (0.4, 0.5)	0.2 (0.2, 0.2)	0.6 (0.6, 0.7)	1.3 (1.2, 1.4)
Madagascar	10538	0.0 (0.0, 0.0)	51.9 (52.3, 54.5)	0.0 (0.1, 0.0)	3.9 (1.4, 3.6)	44.2 (46.2, 41.9)	5.2 (4.8, 6.2)	0.9 (0.8, 0.7)	6.1 (5.6, 6.9)	38.3 (35.2, 43.1)
Malaysia	13599	16.7 (11.8, 17.4)	26.5 (35.1, 20.3)	0.0 (0.0, 0.0)	32.5 (23.2, 38.8)	24.4 (29.9, 23.5)	88.6 (81.9, 101.5)	34.5 (31.6, 30.5)	123.2 (113.5, 132.0)	30.8 (28.4, 33.0)
Maldives	1340	0.2 (0.4, 0.4)	5.9 (4.6, 6.6)	0.0 (0.1, 0.0)	12.2 (8.5, 23.6)	81.7 (86.4, 69.4)	0.5 (0.3, 0.8)	0.2 (0.2, 0.2)	0.7 (0.5, 1.0)	10.2 (7.5, 15.4)
Malta	170	0.0 (0.0, 0.0)	0.3 (0.0, 1.1)	0.3 (0.6, 0.0)	0.0 (0.0, 0.8)	99.4 (99.4, 98.1)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Marshall Islands	1929	0.0 (0.0, 0.0)	4.0 (2.6, 6.1)	0.0 (0.0, 0.0)	0.9 (0.0, 0.4)	95.1 (97.4, 93.6)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	11.3 (8.7, 14.7)
Martinique	332	0.0 (0.0, 0.0)	5.5 (0.7, 8.4)	4.4 (9.2, 0.0)	0.0 (0.0, 1.7)	90.1 (90.1, 90.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Mauritania	1320	2.4 (2.4, 2.4)	52.3 (78.6, 52.4)	0.0 (0.0, 0.0)	26.7 (0.0, 26.8)	18.7 (19.0, 18.4)	1.9 (1.4, 2.3)	4.4 (4.4, 4.4)	6.3 (5.8, 6.7)	59.9 (55.2, 64.1)
Mauritius	358	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Mayotte	212	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	NaN (NaN, -)
Mexico	23226	4.4 (4.4, 4.4)	44.5 (46.0, 42.6)	0.1 (0.3, 0.0)	4.9 (2.5, 7.5)	46.1 (46.9, 45.5)	43.3 (36.2, 53.7)	45.9 (48.4, 48.3)	89.1 (84.6, 102.0)	5.0 (4.7, 5.7)
Micronesia, Federal State of	1149	0.0 (0.0, 0.0)	4.7 (4.0, 6.8)	0.0 (0.0, 0.0)	0.5 (0.0, 0.9)	94.8 (96.0, 92.3)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.1)	10.1 (9.7, 12.2)
Monaco	4	20.9 (20.9, 20.9)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	79.1 (79.1, 79.1)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Montenegro	251	1.0 (1.0, 1.0)	13.9 (13.5, 12.2)	0.5 (0.5, 0.5)	0.0 (0.4, 1.7)	84.5 (84.5, 84.5)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.1 (0.0, 0.1)	0.8 (0.6, 1.2)
Morocco	3218	0.9 (0.9, 0.9)	17.5 (17.9, 15.4)	0.0 (0.1, 0.0)	3.7 (2.1, 6.2)	77.8 (78.9, 77.4)	2.0 (1.8, 2.3)	0.3 (0.2, 0.3)	2.3 (2.1, 2.6)	1.6 (1.5, 1.8)
Mozambique	8099	0.2 (0.2, 0.2)	75.1 (74.6, 75.9)	0.0 (0.0, 0.0)	1.3 (1.3, 1.4)	23.5 (23.9, 22.6)	21.4 (20.8, 23.0)	1.5 (1.5, 1.5)	22.9 (22.3, 24.4)	111.1 (108.1, 118.5)
Myanmar	22191	3.0 (3.0, 3.1)	54.6 (57.9, 52.5)	0.0 (0.0, 0.0)	13.7 (10.3, 16.0)	28.7 (28.8, 28.3)	188.6 (187.1, 248.5)	60.6 (66.1, 46.0)	249.2 (253.2, 294.5)	384.4 (390.6, 454.4)
Namibia	1700	0.0 (0.0, 0.0)	22.0 (21.5, 23.6)	0.0 (0.0, 0.0)	6.9 (6.9, 7.0)	71.1 (71.6, 69.4)	1.7 (1.4, 1.9)	0.4 (0.5, 0.6)	2.0 (1.9, 2.5)	16.3 (15.2, 20.5)
Nauru	17	0.0 (0.0, 0.0)	8.7 (8.7, 23.6)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	91.3 (91.3, 76.4)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.4 (0.2, 1.1)
Netherlands	3893	79.0 (78.7, 78.7)	9.8 (10.3, 9.0)	0.0 (0.0, 0.0)	2.3 (2.1, 3.5)	8.9 (8.9, 8.9)	132.8 (129.8, 139.1)	2531.8 (2540.1, 2530.8)	2664.6 (2670.0, 2669.9)	238.3 (238.8, 238.8)
New Caledonia	3071	0.0 (0.0, 0.0)	8.7 (5.4, 15.0)	0.1 (0.2, 0.0)	0.0 (0.0, 0.0)	91.1 (94.5, 85.0)	0.2 (0.2, 0.2)	0.0 (0.0, 0.0)	0.2 (0.2, 0.2)	- (-, -)
New Zealand	15208	0.9 (0.9, 0.9)	12.5 (12.9, 9.3)	0.0 (0.0, 0.0)	2.4 (1.3, 6.4)	84.2 (85.0, 83.4)	5.4 (5.1, 6.9)	4.9 (4.7, 4.8)	10.3 (9.8, 11.7)	4.1 (3.9, 4.6)
Nicaragua	2377	0.0 (0.0, 0.0)	72.0 (73.2, 72.9)	0.0 (3.1, 0.0)	4.8 (0.0, 4.9)	23.1 (23.7, 22.2)	1.4 (1.3, 1.7)	0.2 (0.3, 0.3)	1.7 (1.5, 1.9)	9.5 (8.6, 10.9)
Nigeria	7273	65.7 (65.7, 66.2)	16.5 (16.5, 15.4)	0.0 (0.0, 0.0)	7.9 (7.8, 8.9)	9.8 (10.0, 9.5)	112.5 (107.1, 126.5)	145.6 (143.6, 143.6)	258.1 (250.7, 270.1)	71.1 (69.1, 74.4)
Norway	44362	0.3 (0.3, 0.3)	6.4 (6.4, 6.0)	0.0 (0.0, 0.0)	0.5 (0.3, 1.3)	92.8 (93.0, 92.4)	7.7 (7.2, 9.0)	22.8 (23.0, 23.0)	30.5 (30.3, 31.9)	6.3 (6.2, 6.6)
Oman	2828	2.1 (2.1, 2.0)	21.1 (20.7, 21.6)	0.0 (0.0, 0.0)	7.4 (6.1, 10.5)	69.3 (71.1, 65.8)	2.1 (1.8, 2.6)	2.6 (2.2, 3.3)	2.4 (2.1, 3.1)	2.3 (2.1, 3.1)
Pakistan	8807	0.0 (0.0, 0.0)	52.0 (50.8, 26.5)	0.0 (0.0, 0.0)	0.0 (0.0, 26.0)	48.0 (49.2, 47.5)	13.5 (8.1, 15.3)	1.5 (4.6, 4.9)	15.0 (12.7, 20.1)	4.4 (3.8, 5.9)
Palau	565	0.0 (0.0, 0.0)	0.8 (0.8, 1.3)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	99.2 (99.2, 98.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.3 (1.2, 1.9)
Panama	5524	1.6 (0.1, 1.6)	35.5 (27.5, 35.7)	0.1 (10.6, 0.0)	3.5 (1.7, 4.5)	59.3 (60.2, 58.2)	2.6 (2.1, 3.5)	2.0 (2.1, 1.9)	4.6 (4.2, 5.4)	5.5 (5.0, 6.5)
Papua New Guinea	21053	0.0 (0.0, 0.0)	33.4 (31.7, 34.9)	0.0 (0.1, 0.0)	0.3 (0.2, 1.7)	66.2 (67.9, 63.4)	3.5 (3.2, 4.3)	0.5 (0.5, 0.6)	4.1 (3.7, 4.9)	13.1 (12.1, 15.8)
Peru	3216	0.0 (0.0, 0.0)	18.0 (20.9, 19.4)	0.0 (0.2, 0.0)	5.1 (1.4, 6.3)	76.9 (77.5, 74.3)	0.9 (0.7, 1.1)	0.7 (0.7, 0.7)	1.6 (1.5, 1.8)	0.6 (0.5, 0.7)
Philippines	32554	13.3 (13.5, 13.1)	10.1 (12.4, 9.4)	0.0 (0.0, 0.0)	17.2 (12.5, 20.6)	59.5 (61.6, 56.8)	52.			

Table S1 continued

Country	Coast length (km)	Protect at the coastline (%)	Retreat (%)	Accommodate (%)	Retreat and protect inland (%)	Do nothing (%)	Adaptation investments (bil. US\$)	Flood damages (bil. US\$)	Total costs (bil. US\$)	Relative costs (% of GDP)
Russian Federation	163143	0.3 (0.3, 0.3)	13.0 (12.9, 13.2)	0.1 (0.1, 0.0)	0.2 (0.1, 0.6)	86.5 (86.7, 85.8)	26.5 (24.0, 31.6)	11.8 (11.9, 12.6)	38.2 (35.9, 44.2)	1.9 (1.8, 2.2)
Saint Kitts and Nevis	126	0.0 (0.0, 0.0)	0.0 (0.0, 3.0)	3.0 (2.2, 0.0)	0.0 (0.0, 0.0)	97.0 (97.8, 97.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.1 (0.1, 0.2)
Saint Lucia	162	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Saint Martin	44	0.8 (0.0, 0.8)	3.1 (0.0, 8.1)	28.6 (28.8, 0.0)	1.1 (0.0, 26.1)	66.4 (71.2, 65.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Saint Pierre and Miquelon	181	1.8 (1.8, 1.8)	7.8 (7.8, 1.4)	0.0 (0.0, 0.0)	0.0 (0.0, 6.4)	90.4 (90.4, 90.4)	0.1 (0.1, 0.1)	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	- (-, -)
Saint Vincent and Grenadine	212	0.0 (0.0, 0.0)	2.5 (1.5, 2.5)	0.0 (1.0, 0.0)	0.0 (0.0, 0.0)	97.5 (97.5, 97.5)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.5 (0.4, 0.5)
Samoa	437	0.0 (0.0, 0.0)	0.7 (0.2, 1.5)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	99.3 (99.8, 98.5)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.3 (0.2, 0.3)
Sao Tome and Principe	252	0.0 (0.0, 0.2)	0.4 (0.4, 0.4)	0.0 (0.0, 0.0)	0.2 (0.2, 0.5)	99.4 (99.4, 98.9)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.1 (1.1, 1.4)
Saudi Arabia	6330	10.8 (10.1, 10.8)	34.9 (17.0, 39.0)	5.6 (23.1, 0.0)	0.4 (0.1, 6.1)	48.3 (49.7, 44.0)	4.1 (3.2, 6.1)	3.9 (3.6, 4.1)	8.0 (6.8, 10.2)	0.7 (0.6, 1.0)
Senegal	4146	0.0 (0.0, 0.0)	76.6 (81.2, 77.4)	0.0 (0.0, 0.0)	11.0 (6.0, 11.0)	12.4 (12.8, 11.6)	5.0 (4.1, 6.1)	1.6 (1.8, 1.8)	6.6 (5.9, 7.9)	21.3 (19.0, 25.5)
Seychelles	531	2.9 (2.9, 2.9)	6.0 (6.1, 6.1)	0.0 (0.0, 0.0)	4.6 (4.1, 4.7)	86.5 (86.9, 86.3)	0.4 (0.3, 0.4)	0.7 (0.6, 0.6)	1.1 (1.0, 1.1)	51.8 (44.9, 50.2)
Sierra Leone	1932	0.0 (0.0, 0.0)	74.3 (75.0, 63.6)	0.0 (0.0, 0.0)	3.1 (2.0, 14.0)	22.6 (23.0, 22.4)	3.7 (3.3, 4.0)	1.2 (1.3, 1.2)	4.8 (4.6, 5.2)	126.5 (121.2, 136.1)
Singapore	416	21.9 (21.9, 21.9)	1.1 (3.5, 1.5)	0.0 (0.0, 0.0)	2.6 (0.2, 2.6)	74.4 (74.4, 74.0)	2.0 (1.9, 2.2)	0.8 (0.7, 0.7)	2.7 (2.6, 2.9)	0.5 (0.5, 0.6)
Slovenia	40	43.4 (43.4, 43.4)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.9 (0.0, 1.9)	54.7 (56.6, 54.7)	0.1 (0.1, 0.1)	0.1 (0.1, 0.1)	0.2 (0.2, 0.2)	0.3 (0.3, 0.3)
Solomon Islands	8801	0.0 (0.0, 0.0)	7.2 (5.8, 10.0)	0.0 (0.0, 0.0)	0.2 (0.1, 0.3)	92.6 (94.1, 89.7)	0.2 (0.1, 0.2)	0.0 (0.0, 0.0)	0.2 (0.2, 0.3)	11.8 (9.9, 16.1)
Somalia	3600	0.0 (0.0, 0.0)	27.8 (27.0, 30.1)	0.0 (0.0, 0.0)	0.4 (0.0, 0.5)	71.8 (73.0, 69.4)	1.1 (1.1, 1.3)	0.0 (0.0, 0.0)	1.2 (1.1, 1.3)	10.2 (9.6, 11.2)
South Africa	3674	0.0 (0.0, 0.0)	11.5 (11.2, 10.7)	0.0 (0.0, 0.0)	0.3 (0.1, 1.7)	88.3 (88.7, 87.6)	0.7 (0.6, 1.0)	0.1 (0.1, 0.1)	0.8 (0.7, 1.1)	0.2 (0.2, 0.3)
Spain	7154	13.9 (11.8, 14.2)	8.0 (7.3, 4.5)	0.1 (4.3, 0.0)	4.5 (3.0, 8.5)	73.5 (73.6, 72.8)	9.4 (8.6, 11.3)	3.2 (3.1, 2.6)	12.7 (11.7, 14.0)	0.8 (0.7, 0.9)
SpecialAreas	10851	0.0 (0.0, 0.0)	0.2 (0.0, 0.2)	0.0 (0.2, 0.0)	0.0 (0.0, 0.0)	99.8 (99.8, 99.8)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Sri Lanka	2832	4.7 (5.0, 4.7)	13.8 (36.2, 9.9)	0.4 (10.7, 1.7)	39.2 (4.3, 38.8)	41.9 (43.8, 38.8)	1.4 (0.9, 2.2)	0.8 (0.7, 0.9)	2.2 (1.7, 3.1)	2.7 (2.0, 3.7)
Sudan	1233	0.0 (0.0, 0.0)	43.0 (0.0, 37.1)	0.0 (43.9, 0.0)	0.9 (0.0, 6.7)	56.1 (56.1, 56.1)	0.1 (0.0, 0.3)	0.0 (0.0, 0.0)	0.1 (0.0, 0.4)	0.1 (0.0, 0.3)
Suriname	1369	11.9 (11.9, 11.9)	23.4 (54.0, 45.5)	0.0 (0.0, 0.0)	33.7 (2.8, 11.6)	31.0 (31.3, 31.0)	14.3 (13.5, 15.4)	20.9 (21.4, 18.4)	35.2 (34.9, 33.9)	929.5 (923.7, 895.7)
Svalbard and Jan Mayen	7887	0.0 (0.0, 0.0)	0.1 (0.1, 0.1)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	99.9 (99.9, 99.9)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Sweden	19606	1.1 (1.0, 1.1)	20.1 (17.4, 20.5)	0.8 (3.5, 0.1)	1.2 (0.7, 2.8)	76.9 (77.4, 75.5)	5.8 (5.4, 7.1)	2.4 (2.2, 2.1)	8.1 (7.6, 9.2)	1.4 (1.3, 1.5)
Syrian Arab Rep	193	0.8 (0.0, 0.8)	10.2 (0.0, 9.5)	0.0 (20.2, 0.0)	9.8 (0.0, 11.6)	79.1 (79.8, 78.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.1)	- (-, -)
Taiwan, Province of	2319	35.5 (35.5, 35.5)	4.0 (4.9, 3.3)	0.0 (0.0, 0.0)	2.2 (0.7, 3.6)	58.3 (58.9, 57.6)	3.7 (3.4, 4.1)	2.4 (2.5, 2.5)	6.1 (5.9, 6.5)	- (-, -)
Tanzania, United Republic	3564	0.1 (0.1, 0.1)	69.3 (69.6, 71.1)	0.0 (0.0, 0.0)	1.9 (0.9, 2.1)	28.7 (29.4, 26.6)	2.2 (2.1, 2.5)	0.5 (0.5, 0.5)	2.8 (2.6, 3.0)	3.5 (3.3, 3.8)
Thailand	8572	9.4 (9.4, 9.4)	24.6 (36.8, 21.8)	0.0 (0.0, 0.0)	33.1 (20.3, 36.6)	33.0 (33.5, 32.3)	57.3 (52.0, 69.4)	89.9 (87.3, 85.8)	147.3 (139.3, 155.2)	28.6 (27.0, 30.1)
Togo	75	0.0 (0.0, 0.0)	11.0 (41.3, 11.0)	0.0 (0.0, 0.0)	30.4 (0.0, 30.4)	58.7 (58.7, 58.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.1 (0.0, 0.4)
Tokelau	115	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Tonga	779	0.0 (0.0, 0.0)	4.5 (3.2, 5.7)	0.0 (0.0, 0.0)	6.1 (6.0, 5.3)	89.4 (90.7, 89.1)	0.2 (0.2, 0.3)	0.0 (0.0, 0.0)	0.2 (0.2, 0.3)	- (-, -)
Trinidad and Tobago	651	3.3 (3.3, 3.3)	16.5 (17.5, 13.5)	0.0 (0.0, 0.0)	2.2 (0.7, 6.6)	78.0 (78.5, 76.6)	0.7 (0.7, 0.9)	0.2 (0.2, 0.2)	1.0 (0.9, 1.1)	3.5 (3.2, 4.0)
Tunisia	1841	2.2 (2.2, 2.4)	49.5 (38.9, 44.9)	0.7 (19.3, 0.0)	13.3 (5.4, 20.0)	34.2 (34.2, 32.7)	5.1 (4.0, 6.6)	2.8 (3.0, 2.7)	7.9 (7.0, 9.3)	16.3 (14.4, 19.2)
Turkey	7433	4.8 (3.9, 8.0)	4.7 (1.1, 3.9)	5.7 (10.6, 0.2)	2.7 (1.6, 6.6)	82.0 (82.8, 81.3)	1.6 (1.1, 2.5)	11.8 (11.8, 11.8)	13.4 (12.9, 14.4)	1.2 (1.2, 1.3)
Tuvalu	198	0.0 (0.0, 0.0)	2.3 (2.3, 2.3)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	97.7 (97.7, 97.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.4 (3.4, 3.5)
Ukraine	4351	2.0 (0.6, 2.6)	46.2 (21.6, 49.0)	6.6 (33.8, 0.3)	2.3 (0.7, 5.4)	43.0 (43.3, 42.6)	1.6 (1.2, 2.4)	0.5 (0.5, 0.8)	2.1 (1.7, 3.2)	1.2 (1.0, 1.8)
United Arab Emirates	3242	11.3 (11.3, 11.3)	50.1 (50.7, 30.0)	0.0 (0.0, 0.0)	5.2 (2.7, 28.4)	33.4 (35.2, 30.3)	8.5 (7.5, 11.0)	3.4 (3.0, 3.3)	11.9 (10.5, 14.4)	2.4 (2.1, 2.9)
United Kingdom	18132	11.7 (11.7, 11.8)	20.4 (21.0, 18.1)	0.0 (0.0, 0.0)	1.7 (1.0, 4.2)	66.2 (66.4, 65.9)	116.0 (114.4, 125.3)	40.5 (40.2, 39.9)	156.5 (154.6, 165.2)	4.7 (4.6, 4.9)
United States of America	153159	15.0 (15.3, 16.2)	22.7 (22.7, 17.7)	0.1 (0.2, 0.0)	2.0 (1.4, 6.1)	60.2 (60.3, 60.0)	705.8 (719.1, 887.3)	415.3 (406.3, 441.2)	1121.1 (1125.4, 1328.6)	4.1 (4.1, 4.9)
Uruguay	1808	0.0 (0.0, 0.0)	34.2 (32.9, 33.7)	0.0 (0.0, 0.0)	0.5 (0.1, 3.0)	65.3 (66.9, 63.3)	0.5 (0.5, 0.8)	0.3 (0.2, 0.2)	0.8 (0.7, 1.0)	1.0 (0.9, 1.2)
Vanuatu	2930	0.0 (0.0, 0.0)	1.7 (1.7, 2.4)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	98.3 (98.3, 97.6)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.9 (3.9, 4.1)
Venezuela	8218	9.2 (7.5, 9.1)	45.7 (39.5, 45.7)	0.8 (12.5, 0.1)	6.6 (2.7, 8.0)	37.8 (37.8, 37.1)	13.5 (9.8, 19.2)	62.1 (62.7, 63.9)	75.6 (72.4, 83.2)	- (-, -)
Viet Nam	17242	30.8 (30.8, 30.7)	21.1 (27.5, 17.4)	0.0 (0.0, 0.0)	17.3 (10.4, 22.5)	30.8 (31.2, 29.4)	207.5 (202.8, 240.6)	95.2 (95.7, 96.9)	302.8 (298.5, 337.5)	70.5 (69.5, 78.5)
Virgin Islands, U.S.	319	0.0 (0.0, 0.0)	0.0 (0.0, 0.7)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	100.0 (100.0, 99.3)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
Wallis and Futuna	121	0.0 (0.0, 0.0)	11.7 (11.1, 9.9)	0.0 (0.0, 0.0)	0.0 (0.0, 1.7)	88.3 (88.9, 88.3)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	- (-, -)
West Bank and Gaza	41	0.0 (0.0, 0.0)	6.3 (0.0, 1.2)	0.0 (9.1, 0.0)	2.8 (0.0, 9.0)	90.9 (90.9, 89.8)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Yemen	3235	0.0 (0.0, 0.0)	31.9 (20.0, 23.2)	0.2 (9.9, 0.0)	3.8 (3.1, 15.3)	64.1 (66.9, 61.4)	0.4 (0.4, 0.6)	0.1 (0.0, 0.1)	0.5 (0.4, 0.7)	- (-, -)
Total	1692929	6.6 (6.5, 6.8)	20.4 (20.5, 19.1)	0.4 (1.3, 0.3)	3.7 (2.3, 5.8)	68.9 (69.4, 68.0)	4182.1 (4082.2, 4959.0)	8397.7 (8394.5, 8395.7)	12579.8 (12476.7, 13354.6)	12.0 (11.9, 12.8)

Table S2: Country-wise unit costs of dike protection and accommodation. Protection is given in Million USD per meter of dike height and per kilometre of dike length; accommodation is given in Thousand USD per person per meter of flood-proofing (2011 PPP values).

Country	Protection (M. USD)	Accommodation (K. USD)
Aaland	5.1	3.7
Albania	5.1	3.7
Algeria	5.1	3.7
American Samoa	9.2	6.6
Angola	6.1	4.4
Anguilla	11.2	8.0
Antigua and Barbuda	6.1	4.4
Argentina	20.4	14.6
Armenia	10.2	7.3
Aruba	4.1	2.9
Australia	9.2	6.6
Azerbaijan	10.2	7.3
Bahamas	7.1	5.1
Bahrain	8.2	5.9
Bangladesh	3.1	2.2
Barbados	6.1	4.4
Belarus	10.2	7.3
Belgium	10.2	7.3
Belize	7.1	5.1
Benin	7.1	5.1
Bermuda	4.1	2.9
Bonaire, Saba and Saint Eustatius	4.1	2.9
Bosnia and Herzegovia	3.1	2.2
Bouvetisland	6.1	4.4
Brazil	20.4	14.6
British Indian Ocean Territory	11.2	8.0
British Virgin Islands	11.2	8.0
Brunei Darussalam	7.1	5.1
Bulgaria	5.1	3.7
Cambodia	13.3	9.5
Cameroon	8.2	5.9
Canada	8.2	5.9
Cape Verde	7.1	5.1
Cayman Islands	11.2	8.0
Chile	6.1	4.4
China	15.3	11.0
Christmas Island	9.2	6.6
Cocos Islands	9.2	6.6
Colombia	9.2	6.6
Comoros	7.1	5.1
Congo	17.3	12.4
Congo, Democratic Republic	8.2	5.9
Cook Islands	5.1	3.7
Costa Rica	7.1	5.1
Cote de Ivoire	7.1	5.1
Croatia	3.1	2.2
Cuba	5.1	3.7
Curacao	4.1	2.9
Cyprus	5.1	3.7
Denmark	10.2	7.3
Djibouti	5.1	3.7
Dominica	8.2	5.9
Dominican Republic	6.1	4.4
East Timor	2.0	1.5
Ecuador	5.1	3.7
Egypt	3.1	2.2
El Salvador	9.2	6.6
Equatorial Guinea	7.1	5.1
Eritrea	4.1	2.9
Estonia	10.2	7.3
Ethiopia	7.1	5.1
Falkland Islands	11.2	8.0
Faroe Islands	10.2	7.3
Fiji	7.1	5.1
Finland	5.1	3.7
France	7.1	5.1
French Guiana	6.1	4.4
French Polynesia	4.1	2.9
French Southern Territories	7.1	5.1
Gabon	13.3	9.5
Gambia	10.2	7.3
Georgia	10.2	7.3
Germany	10.2	7.3
Ghana	10.2	7.3
Gibraltar	11.2	8.0
Greece	4.1	2.9
Greenland	10.2	7.3
Grenada	8.2	5.9
Guadeloupe	4.1	2.9

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Table S2 continued

Country	Protection (M. USD)	Accommodation (K. USD)
Guam	9.2	6.6
Guatemala	10.2	7.3
Guernsey	11.2	8.0
Guinea	13.3	9.5
Guinea-Bissau	13.3	9.5
Guyana	13.3	9.5
Haiti	6.1	4.4
Heard Island and McDonald Islands	9.2	6.6
Honduras	10.2	7.3
Hong Kong, China SAR	7.1	5.1
Iceland	9.2	6.6
India	13.3	9.5
Indonesia	4.1	2.9
Iran, Islamic Republic	7.1	5.1
Iraq	12.2	8.8
Ireland	11.2	8.0
Isle of Man	11.2	8.0
Israel	5.1	3.7
Italy	7.1	5.1
Jamaica	7.1	5.1
Japan	14.3	10.2
Jersey	11.2	8.0
Jordan	5.1	3.7
Kazakhstan	10.2	7.3
Kenya	15.3	11.0
Kiribati	6.1	4.4
Korea, Democratic Peoples Republic	7.1	5.1
Korea, Republic	43.9	31.5
Kosovo	5.1	3.7
Kuwait	8.2	5.9
Kyrgyzstan	10.2	7.3
Latvia	10.2	7.3
Lebanon	3.1	2.2
Liberia	7.1	5.1
Libya	8.2	5.9
Lithuania	10.2	7.3
Macau	8.2	5.9
Madagascar	7.1	5.1
Malaysia	9.2	6.6
Maldives	7.1	5.1
Malta	5.1	3.7
Marshall Islands	4.1	2.9
Martinique	4.1	2.9
Mauritania	16.3	11.7
Mauritius	7.1	5.1
Mayotte	7.1	5.1
Mexico	12.2	8.8
Micronesia, Federal State of	4.1	2.9
Moldova	10.2	7.3
Monaco	2.0	1.5
Montenegro	5.1	3.7
Montserrat	11.2	8.0
Morocco	8.2	5.9
Mozambique	12.2	8.8
Myanmar	20.4	14.6
Namibia	15.3	11.0
Nauru	9.2	6.6
Netherlands	10.2	7.3
New Caledonia	4.1	2.9
New Zealand	5.1	3.7
Nicaragua	14.3	10.2
Nigeria	12.2	8.8
Niue	5.1	3.7
Norfolk Island	9.2	6.6
Northern Mariana Islands	9.2	6.6
Norway	6.1	4.4
Oman	7.1	5.1
Pakistan	10.2	7.3
Palau	4.1	2.9
Panama	10.2	7.3
Papua New Guinea	6.1	4.4
Peru	5.1	3.7
Philippines	3.1	2.2
Pitcairn Islands	11.2	8.0
Poland	10.2	7.3
Portugal	4.1	2.9
Puerto Rico	6.1	4.4
Qatar	5.1	3.7
Reunion	3.1	2.2
Romania	10.2	7.3
Russian Federation	10.2	7.3
Saint Barthelemy	7.1	5.1
Saint Helena	11.2	8.0
Saint Kitts and Nevis	4.1	2.9
Saint Lucia	8.2	5.9
Saint Martin	7.1	5.1
Saint Pierre and Miquelon	7.1	5.1

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Table S2 continued

Country	Protection (M. USD)	Accommodation (K. USD)
Saint Vincent and Grenadine	4.1	2.9
Samoa	6.1	4.4
Sao Tome and Principe	4.1	2.9
Saudi Arabia	7.1	5.1
Senegal	10.2	7.3
Serbia	5.1	3.7
Seychelles	7.1	5.1
Sierra Leone	10.2	7.3
Singapore	10.2	7.3
Sint Maarten	10.2	7.3
Slovenia	3.1	2.2
Solomon Islands	6.1	4.4
Somalia	15.3	11.0
South Africa	17.3	12.4
South Georgia and the South Sandwich Islands	11.2	8.0
South Sudan	7.1	5.1
Spain	5.1	3.7
Special Areas	11.2	8.0
Sri Lanka	3.1	2.2
Sudan	7.1	5.1
Suriname	10.2	7.3
Svalbard and Jan Mayen	6.1	4.4
Sweden	5.1	3.7
Syrian Arab Rep	5.1	3.7
Taiwan, Province of	2.0	1.5
Tajikistan	10.2	7.3
Tanzania, United Republic	7.1	5.1
Thailand	13.3	9.5
Togo	7.1	5.1
Tokelau	5.1	3.7
Tonga	7.1	5.1
Trinidad and Tobago	9.2	6.6
Tunisia	15.3	11.0
Turkey	5.1	3.7
Turkmenistan	10.2	7.3
Turks and Caicos Islands	11.2	8.0
Tuvalu	3.1	2.2
Ukraine	10.2	7.3
United Arab Emirates	8.2	5.9
United Kingdom	11.2	8.0
United States Minor Outlying Islands	9.2	6.6
United States of America	9.2	6.6
Uruguay	15.3	11.0
Uzbekistan	10.2	7.3
Vanuatu	7.1	5.1
Vatikan	7.1	5.1
Venezuela	14.3	10.2
Viet Nam	11.2	8.0
Virgin Islands, U.S.	6.1	4.4
Wallis and Futuna	7.1	5.1
West Bank and Gaza	3.1	2.2
Western Sahara	5.1	3.7
Yemen	3.1	2.2