**Taking stock of protected and conserved coastal area in Canada: Insights with respect to Target 3 of the Kunming-Montreal GBF**

**Supplemental Online Material 2: Results by length of coast protected**

**Table 1:** Coastal ***length*** protected1 and conserved2 in Canada, by province/territory

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Province | Total length of coastline (km) | Protected areas(total #) | Total length of coast protected (km) | Total length of coast protected (%) | Conserved areas (total #) | Conserved area (km) | Conserved area (%) |
| *British Columbia* | 49,342.5 | 536 | 17,696.3 | 35.9% | 7 | 1652.8 | 3.3% |
| *Manitoba* | 3,819.5 | 4 | 824.2 | 21.6% | -- | -- | -- |
| *New Brunswick* | 9,857.3 | 89 | 932.7 | 9.5% | 3 | 1535.8 | 15.6% |
| *Newfoundland and Labrador* | 54,290.3 | 54 | 4,433.8 | 8.2% | 7 | 331.1 | 0.6% |
| *Northwest Territories* | 58,329.1 | 16 | 4,662.6 | 8.0% | -- | -- | -- |
| *Nova Scotia* | 14,340.8 | 152 | 1,562.8 | 10.9% | 2 | 1,547.9 | 10.8% |
| *Nunavut* | 261,411.4 | 45 | 30,467.2 | 11.7% | -- | -- | -- |
| *Ontario*3 | 5,211.4 | 8 | 1,111.3 | 21.3% | -- | -- | -- |
| *Prince Edward Island* | 2,707.0 | 112 | 362.9 | 13.4% | 6 | 746.8 | 27.6% |
| *Quebec* | 51,090.4 | 700 | 16,217.0 | 31.7% | 2 | 210.5 | 0.4% |
| *Yukon* | 1,405.4 | 4 | 791.6 | 56.3% | -- | -- | -- |
| TOTAL | **511,805.1** | **1,720** | **79,062.5** | **15.4%** | **27** | **6,025.0** | **3.3%** |
| 1 protected areas 2 conserved areas (OECMs) 3 marine area only (excludes Great Lakes) |

**Table 2:** Coastal ***length*** protected1 and conserved2 across Canada’s marine bioregions

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Bioregion** | **Total length of coastline (km)** | **Protected areas****(total #)** | **Total length of coast protected (km)** | **Total length of coast protected (%)** | **Conserved areas (total #)** | **Conserved area (km)** | **Conserved area (%)** |
| **ARCTIC OCEAN** | 360,236.2 | 114 | 46,717.7 | 13.0% | -- | -- | -- |
| *Western Arctic*  | 91,077.6 | 23 | 12,644.0 | 13.9% | 0 | 0 | 0 |
| *Arctic Archipelago*  | 62,254.5 | 6 | 7,666.0 | 12.3% | 0 | 0 | 0 |
| *Eastern Arctic*  | 83,325.8 | 22 | 12,109.9 | 14.5% | 0 | 0 | 0 |
| *Hudson Bay Complex*  | 123,578.3 | 63 | 14,297.8 | 11.6% | 0 | 0 | 0 |
| **ATLANTIC OCEAN** | 102,225.7 | 1070 | 14,648.4 | 14.3% | **20** | **4,372.2** | **4.3%** |
| *Newfoundland-Labrador Shelves*  | 49,873.3 | 40 | 3,919.6 | 7.9% | 4 | 84.6 | 0.2% |
| *Scotian Shelf*  | 15,481.4 | 165 | 1,690.8 | 10.9% | 2 | 1,827.7 | 11.8% |
| *Gulf of Saint Lawrence*  | 36,871.0 | 865 | 9,037.9 | 24.5% | 14 | 2,459.9 | 6.7% |
| **PACIFIC OCEAN** | 49,342.3 | 536 | 17,696.3 | 35.9% | **7** | **1,652.8** | **3.8%** |
| *Strait of Georgia*  | 7,970.3 | 214 | 1,176.4 | 14.8% | 5 | 7.3 | 0.1% |
| *Southern Shelf*  | 6,260.8 | 79 | 1,682.3 | 26.9% | 0 | 0 | 0 |
| *Northern Shelf*  | 35,111.2 | 243 | 14,837.7 | 42.3% | 2 | 1,645.5 | 4.7% |
| **TOTAL** | **511,804.3** | **1720** | **79,062.5** | 15.4% | **27** | **6,025.0** | **4.1%** |
| 1 protected areas 2 conserved areas (OECMs)  |

**Table 3:** Coastal ***length*** protected1 and conserved2 across Canada’s terrestrial ecozones.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Terrestrial ecozone** | **Total length of coastline (km)** | **Protected areas****(total #)** | **Total length of coast protected (km)** | **Total length of coast protected (%)** | **Conserved areas (total #)** | **Conserved area (km)** | **Conserved area (%)** |
| Arctic Cordillera | 24,897.0 | 14 | 7,084.5 | 28.5% | -- | -- | -- |
| Atlantic Maritime | 30,887.5 | 565 | 3,941.6 | 12.8% | -- | -- | -- |
| Boreal Shield | 47,501.9 | 373 | 7,117.4 | 15.0% | 12 | 3,957.9 | 12.8% |
| Hudson Plains | 11,264.4 | 23 | 3,166.1 | 28.1% | 8 | 414.3 | 0.9% |
| Mixed Wood Plains (Great Lakes) | 1,103.4 | 128 | 439.8 | 39.9% | -- | -- | -- |
| Northern Arctic | 233,316.0 | 34 | 20,232.8 | 8.7% | -- | -- | -- |
| Pacific Maritime | 49,342.3 | 536 | 17,696.3 | 35.9% | 7 | 1,652.8 | 3.4% |
| Southern Arctic | 71,314.1 | 31 | 14,402.4 | 20.2% | -- | -- | -- |
| Taiga Plains | 8,626.84 | 0 | 0.00 | 0.00% | -- | -- | -- |
| Taiga Shield | 33,550.8 | 16 | 4,981.6 | 14.8% | -- | -- | -- |
| **Total** | **511,804.34** | **1720** | **79,062.47** | **15.45%** | **27** | **6,025.0** | **4.7%** |
| 1 protected areas 2 conserved areas (OECMs)  |

**Table 4:** Coastal ***length*** protected and conserved1 in the Great Lakes (Canada only)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Province | Total length of coastline2 (km) | Protected areas(total #) | Total length of coast protected (km) | Total length of coast protected (%) |
| *Lake Erie\** | 7,488,512.15 | 21 | 222.6 | 11.7% |
| *Lake Huron\*\** | 421,504.27 | 40 | 2,310.3 | 18.1% |
| *Lake Ontario\*\*\** | 1,478,174.71 | 26 | 344.7 | 10.8% |
| *Lake Superior* | 9,258,034.55 | 29 | 2,358.0 | 68.7% |
| TOTAL | **86,286,576.20** | **116** | **5,235.6** | **24.6%** |
| 1 no conserved areas (OECMs) are reported for the Great Lakes2 includes islands in the Great Lakes\* includes Lake St. Clair and St. Clair River/Detroit River\*\* includes St Mary’s River and adjoining channels\*\*\* includes St. Lawrence River (up to Montreal, Quebec) |