**Supplementary Table 3.** **Phi prime values and potential productive area for each country / territory included in the analysis**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Country/Territory** | **Total Area for Fish (km2)** | **Total Area for Bivalves(km2)** | **Fish GPI Average** | **Bivalve GPI Average** |
| Albania | 2013 | 0 | 3.24 | NA |
| Algeria | 2358 | 0 | 3.22 | NA |
| Angola | 40271 | 17245 | 3.41 | 1.88 |
| Antarctica | 68 | 0 | 2.71 | NA |
| Antigua and Barbuda | 2288 | 0 | 3.45 | NA |
| Argentina | 779603 | 107769 | 3.33 | 1.79 |
| Australia | 1891412 | 90867 | 3.39 | 1.83 |
| Australian Southern Ocean Territories | 4674 | 0 | 2.99 | NA |
| Australian Tropical Territories | 4102 | 0 | 3.30 | NA |
| Bahamas | 77441 | 7434 | 3.49 | 1.94 |
| Bahrain | 1595 | 135 | 3.50 | 1.31 |
| Bangladesh | 60980 | 15548 | 3.49 | 1.99 |
| Belize | 9641 | 1364 | 3.46 | 2.04 |
| Benin | 1942 | 0 | 3.47 | NA |
| Brazil | 517115 | 111718 | 3.41 | 2.02 |
| British Caribbean Territories | 8141 | 0 | 3.48 | NA |
| British Indian Ocean Territory | 21243 | 0 | 3.50 | NA |
| British Pacific Territories (Pitcairn) | 92 | 0 | 3.32 | NA |
| British Southern Ocean Territories | 171621 | 0 | 3.43 | NA |
| Cambodia | 34968 | 2109 | 3.46 | 2.14 |
| Cameroon | 8625 | 0 | 3.49 | NA |
| Canada | 136533 | 42706 | 3.12 | 1.67 |
| Cape Verde | 4180 | 0 | 3.31 | NA |
| Chile | 161312 | 59747 | 3.32 | 1.83 |
| China | 71442 | 4864 | 3.48 | 1.90 |
| Colombia | 35742 | 12459 | 3.46 | 2.16 |
| Comoros | 1123 | 0 | 3.49 | NA |
| Costa Rica | 10194 | 1490 | 3.49 | 2.21 |
| Croatia | 1781 | 0 | 3.25 | NA |
| Cuba | 50476 | 15602 | 3.45 | 1.85 |
| Cyprus | 728 | 0 | 3.36 | NA |
| Democratic Republic of the Congo | 128 | 0 | 3.48 | NA |
| Denmark | 24618 | 0 | 3.16 | NA |
| Disputed | 68755 | 3707 | 3.45 | 1.77 |
| Djibouti | 1641 | 0 | 3.43 | NA |
| Dominica | 335 | 0 | 3.45 | NA |
| Dominican Republic | 7237 | 527 | 3.49 | 2.14 |
| East Timor | 1972 | 0 | 3.44 | NA |
| Ecuador | 26716 | 4620 | 3.35 | 2.01 |
| Egypt | 14476 | 2424 | 3.39 | 1.89 |
| El Salvador | 13252 | 1203 | 3.43 | 2.06 |
| Equatorial Guinea | 9361 | 315 | 3.49 | 2.12 |
| Eritrea | 41002 | 879 | 3.48 | 1.66 |
| Estonia | 810 | 0 | 2.47 | NA |
| Fiji | 40055 | 591 | 3.49 | 2.15 |
| Finland | 170 | 0 | 2.18 | NA |
| France | 7560 | 3005 | 3.27 | 1.87 |
| French Caribbean Territories | 2074 | 0 | 3.46 | NA |
| French Guiana | 43197 | 23168 | 3.48 | 2.14 |
| French Indian Ocean Territories | 4747 | 0 | 3.49 | NA |
| French Polynesia | 26061 | 0 | 3.47 | NA |
| French Southern Ocean Territories | 67085 | 0 | 3.43 | NA |
| Gabon | 31617 | 3047 | 3.46 | 2.00 |
| Gambia | 3237 | 2259 | 3.47 | 1.96 |
| Georgia | 1636 | 74 | 3.37 | 1.48 |
| Germany | 934 | 0 | 3.21 | NA |
| Ghana | 7928 | 0 | 3.44 | NA |
| Greece | 5231 | 163 | 3.24 | 1.78 |
| Grenada | 971 | 0 | 3.48 | NA |
| Guatemala | 10696 | 442 | 3.42 | 1.93 |
| Guinea | 42376 | 18494 | 3.50 | 2.11 |
| Guinea-Bissau | 21143 | 17608 | 3.50 | 2.05 |
| Guyana | 49658 | 19640 | 3.49 | 2.16 |
| Haiti | 3566 | 0 | 3.48 | NA |
| Honduras | 47133 | 2104 | 3.50 | 2.12 |
| Iceland | 48863 | 0 | 3.19 | NA |
| India | 316124 | 51791 | 3.48 | 2.06 |
| Indian | 487 | 0 | 2.63 | NA |
| Indian | 42031 | 0 | 3.51 | NA |
| Indonesia | 1601956 | 169103 | 3.46 | 2.11 |
| Iran | 11127 | 1466 | 3.43 | 1.46 |
| Iraq | 153 | 0 | 3.33 | NA |
| Ireland | 55432 | 353 | 3.27 | 1.83 |
| Israel | 780 | 0 | 3.40 | NA |
| Italy | 7297 | 329 | 3.24 | 1.26 |
| Ivory Coast | 10728 | 428 | 3.44 | 2.06 |
| Jamaica | 10532 | 0 | 3.50 | NA |
| Japan | 111186 | 6209 | 3.34 | 1.80 |
| Kenya | 7752 | 873 | 3.50 | 2.14 |
| Kiribati | 5771 | 0 | 3.48 | NA |
| Kuwait | 3440 | 515 | 3.32 | 1.12 |
| Latvia | 277 | 0 | 2.60 | NA |
| Lebanon | 309 | 0 | 3.37 | NA |
| Liberia | 17125 | 852 | 3.47 | 2.12 |
| Libya | 56319 | 145 | 3.29 | 1.58 |
| Lithuania | 789 | 0 | 2.74 | NA |
| Madagascar | 114940 | 12034 | 3.44 | 1.99 |
| Malaysia | 267886 | 22987 | 3.43 | 2.08 |
| Maldives | 27133 | 0 | 3.50 | NA |
| Malta | 416 | 0 | 3.29 | NA |
| Marshall Islands | 19279 | 0 | 3.51 | NA |
| Mauritania | 19248 | 14566 | 3.31 | 1.92 |
| Mauritius | 39094 | 0 | 3.47 | NA |
| Mexico | 343827 | 43421 | 3.45 | 1.93 |
| Micronesia | 22926 | 0 | 3.51 | NA |
| Morocco | 32006 | 13163 | 3.24 | 1.88 |
| Mozambique | 82357 | 13091 | 3.48 | 2.03 |
| Myanmar | 212762 | 35551 | 3.45 | 2.11 |
| Namibia | 91055 | 79330 | 3.24 | 1.78 |
| New Caledonia | 49912 | 157 | 3.37 | 2.04 |
| New Zealand | 251162 | 14251 | 3.25 | 1.82 |
| Nicaragua | 62497 | 2579 | 3.49 | 2.11 |
| Nigeria | 18644 | 0 | 3.48 | NA |
| North Korea | 17840 | 8017 | 3.31 | 1.63 |
| Norway | 14844 | 0 | 3.08 | NA |
| Oman | 33865 | 20004 | 3.38 | 1.96 |
| Pakistan | 16182 | 11838 | 3.45 | 1.95 |
| Palau | 2963 | 0 | 3.50 | NA |
| Panama | 29974 | 3442 | 3.48 | 2.13 |
| Papua New Guinea | 163089 | 18678 | 3.47 | 2.02 |
| Peru | 45494 | 69431 | 3.24 | 1.84 |
| Philippines | 213333 | 2733 | 3.47 | 2.13 |
| Poland | 970 | 0 | 3.04 | NA |
| Portugal | 2599 | 464 | 3.24 | 1.78 |
| Qatar | 3553 | 317 | 3.52 | 1.64 |
| Republic of the Congo | 4448 | 2083 | 3.47 | 1.89 |
| Romania | 602 | 0 | 3.45 | NA |
| Russia | 80467 | 2969 | 2.86 | 1.58 |
| Saint Lucia | 341 | 0 | 3.46 | NA |
| Saint Vincent and the Grenadines | 1705 | 0 | 3.47 | NA |
| Samoa | 1759 | 0 | 3.51 | NA |
| Sao Tome and Principe | 1661 | 0 | 3.45 | NA |
| Saudi Arabia | 57084 | 1366 | 3.45 | 1.32 |
| Senegal | 14266 | 7627 | 3.44 | 1.96 |
| Serbia and Montenegro | 2260 | 0 | 3.23 | NA |
| Seychelles | 50222 | 146 | 3.49 | 2.12 |
| Sierra Leone | 22802 | 9094 | 3.49 | 2.12 |
| Solomon Islands | 26625 | 0 | 3.48 | NA |
| Somalia | 45922 | 236 | 3.48 | 1.98 |
| South Africa | 90053 | 49231 | 3.24 | 1.81 |
| South Korea | 8798 | 1297 | 3.38 | 1.46 |
| Spain | 2333 | 468 | 3.24 | 1.59 |
| Sri Lanka | 23621 | 4818 | 3.45 | 2.05 |
| Sudan | 10967 | 0 | 3.44 | NA |
| Suriname | 53973 | 17159 | 3.46 | 2.12 |
| Sweden | 422 | 0 | 2.77 | NA |
| Syria | 291 | 0 | 3.38 | NA |
| Taiwan | 595 | 0 | 3.50 | NA |
| Tanzania | 17407 | 988 | 3.49 | 2.07 |
| Thailand | 157310 | 11056 | 3.44 | 2.05 |
| Togo | 970 | 0 | 3.45 | NA |
| Tonga | 7915 | 0 | 3.39 | NA |
| Trinidad and Tobago | 9634 | 3658 | 3.49 | 2.16 |
| Tunisia | 31665 | 5809 | 3.24 | 1.32 |
| Turkey | 5314 | 359 | 3.35 | 1.42 |
| Tuvalu | 4161 | 0 | 3.50 | NA |
| Ukraine | 32211 | 2864 | 3.16 | 1.24 |
| United Arab Emirates | 14272 | 236 | 3.54 | 1.27 |
| United Kingdom | 56028 | 560 | 3.31 | 1.89 |
| United States | 643610 | 51933 | 3.36 | 1.69 |
| Uruguay | 48377 | 34784 | 3.25 | 1.62 |
| USA Caribbean Territories | 1443 | 0 | 3.50 | NA |
| USA Pacific Inhabited Territories | 1345 | 0 | 3.51 | NA |
| USA Pacific Uninhabited Territories | 449 | 0 | 3.43 | NA |
| Vanuatu | 5401 | 0 | 3.47 | NA |
| Venezuela | 72232 | 34644 | 3.46 | 2.12 |
| Vietnam | 251378 | 25429 | 3.48 | 2.05 |
| Western Sahara | 12333 | 10763 | 3.23 | 1.88 |
| Yemen | 35000 | 803 | 3.48 | 1.83 |