Simulation scenarios

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# General scenario configuration

|  |  |
| --- | --- |
| **Stock of interest** |  |
| Species | Yellowfin tuna |
| Total allowable catch | 300,000 t |
| **Main allocation components** |  |
| 1 - Baseline weight | 5% |
| 2 - Coastal state weight | 5% |
| 3 - Catch-based weight | 90% |
| **Coastal State components (item 2)** |  |
| 2.1 - Equal share weight | 35% |
| 2.2 - Socio-economic weight | 47.5% |
| 2.3 - National jurisdiction area surface weight | 17.5% |
| **Socio-economic weight components (item 2.2)** |  |
| 2.2.1 - Human Development Index status weight | 30% |
| 2.2.2 - Gross national income status weight | 30% |
| 2.2.3 - Small Islands Development status weight | 40% |
| **Catch-based configuration parameters** |  |
| Reference years | 2000-2016 |
| Reference method | period\_average\_catch\_data |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 1) | 10% |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 2) | 20% |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 3) | 30% |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 4) | 40% |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 5) | 50% |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 6) | 60% |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 7) | 70% |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 8) | 80% |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 9) | 90% |
| Part of foreign catch taken in NJA re-attributed to coastal states (Year 10) | 100% |

## Baseline allocation

Tab. . Baseline allocation (%) of the Total Allowable Catch (TAC) for yellowfin tuna

| **Entity code** | **Entity name** | **Status** | **Baseline allocation (%)** |
| --- | --- | --- | --- |
| AUS | Australia | CP | 3.333333 |
| BGD | Bangladesh | CP | 3.333333 |
| CHN | China | CP | 3.333333 |
| COM | Comoros | CP | 3.333333 |
| EUR | European Union | CP | 3.333333 |
| FRAT | France (OT) | CP | 3.333333 |
| GBR | United Kingdom of Great Britain and Northern Ireland | CP | 3.333333 |
| IDN | Indonesia | CP | 3.333333 |
| IND | India | CP | 3.333333 |
| IRN | Iran (Islamic Republic of) | CP | 3.333333 |
| JPN | Japan | CP | 3.333333 |
| KEN | Kenya | CP | 3.333333 |
| KOR | Republic of Korea | CP | 3.333333 |
| LKA | Sri Lanka | CP | 3.333333 |
| MDG | Madagascar | CP | 3.333333 |
| MDV | Maldives | CP | 3.333333 |
| MOZ | Mozambique | CP | 3.333333 |
| MUS | Mauritius | CP | 3.333333 |
| MYS | Malaysia | CP | 3.333333 |
| OMN | Oman | CP | 3.333333 |
| PAK | Pakistan | CP | 3.333333 |
| PHL | Philippines | CP | 3.333333 |
| SDN | Sudan | CP | 3.333333 |
| SOM | Somalia | CP | 3.333333 |
| SYC | Seychelles | CP | 3.333333 |
| THA | Thailand | CP | 3.333333 |
| TWN | Taiwan Province of China | OBS | 3.333333 |
| TZA | United Republic of Tanzania | CP | 3.333333 |
| YEM | Yemen | CP | 3.333333 |
| ZAF | South Africa | CP | 3.333333 |