Sea Turtle Presence

<table>
<thead>
<tr>
<th>Sea Turtle Presence</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Loggerhead Turtle</td>
<td>N</td>
</tr>
<tr>
<td>(Caretta caretta)</td>
<td></td>
</tr>
<tr>
<td>Green Turtle</td>
<td>N, F</td>
</tr>
<tr>
<td>(Chelonia mydas)</td>
<td></td>
</tr>
<tr>
<td>Leatherback Turtle</td>
<td>I</td>
</tr>
<tr>
<td>(Dermochelys coriacea)</td>
<td></td>
</tr>
<tr>
<td>Hawksbill Turtle</td>
<td>N, F</td>
</tr>
<tr>
<td>(Eretmochelys imbricata)</td>
<td></td>
</tr>
<tr>
<td>Kemp's Ridley Turtle</td>
<td>A</td>
</tr>
<tr>
<td>(Lepidochelys kempi)</td>
<td></td>
</tr>
<tr>
<td>Olive Ridley Turtle</td>
<td>A</td>
</tr>
<tr>
<td>(Lepidochelys olivacea)</td>
<td></td>
</tr>
</tbody>
</table>

N = Nesting; F = Foraging; IN = Infrequent Nesting; IF = Infrequent Foraging; I = Infrequent (further detail unavailable); A = Absent

National Policy for the Protection of Sea Turtles

<table>
<thead>
<tr>
<th>National Policy for the Protection of Sea Turtles</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete (indefinite) protection</td>
<td>Yes</td>
</tr>
<tr>
<td>Moratorium (fixed period)</td>
<td>–</td>
</tr>
<tr>
<td>Prohibition(s) on take</td>
<td>–</td>
</tr>
<tr>
<td>Closed season</td>
<td>–</td>
</tr>
<tr>
<td>Minimum size limits</td>
<td>–</td>
</tr>
<tr>
<td>Maximum size limits</td>
<td>–</td>
</tr>
<tr>
<td>Annual quota</td>
<td>–</td>
</tr>
<tr>
<td>Permits/licenses required</td>
<td>Yes</td>
</tr>
<tr>
<td>Gear restrictions</td>
<td>No</td>
</tr>
<tr>
<td>Area closures (MPA, park, reserve)</td>
<td>Yes</td>
</tr>
<tr>
<td>Reports of exploitation/sale nationally</td>
<td>Yes</td>
</tr>
<tr>
<td>Reports of illegal trade internationally</td>
<td>No</td>
</tr>
<tr>
<td>General public awareness of laws</td>
<td>No (Insufficient)</td>
</tr>
<tr>
<td>Recent prosecutions or penalties</td>
<td>No</td>
</tr>
<tr>
<td>Enforcement considered adequate</td>
<td>No (Insufficient)</td>
</tr>
<tr>
<td>Penalties are an adequate deterrent</td>
<td>Yes</td>
</tr>
</tbody>
</table>

E = Eggs; N = Nests; NF = Nesting Females; – = Not Applicable

Data Providers

Mabel Nava, Imre Esser
Kalli De Meyer
Dutch Caribbean Nature Alliance

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# Bonaire Sea Turtle Habitat

## Threats to Sea Turtles - Nesting

<table>
<thead>
<tr>
<th>Threat</th>
<th>Occurrence</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Killing of Nesting Females by Humans</td>
<td>Yes (R)</td>
<td>Very rare - one female killed in 2006</td>
</tr>
<tr>
<td>Killing of Nesting Females by Predators</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Nest Loss to Predators</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Nest Loss to Abiotic Factors</td>
<td>Yes (U)</td>
<td>Erosion caused by storm events</td>
</tr>
<tr>
<td>Egg Collection by Humans</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Harassment Due to Increased Human Presence</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Artificial Lighting</td>
<td>Yes (R)</td>
<td>Very recent problem (2006)</td>
</tr>
<tr>
<td>Pollution</td>
<td>Yes (U)</td>
<td>Beach litter/debris</td>
</tr>
<tr>
<td>Beach Erosion/Accretion</td>
<td>Yes (U)</td>
<td>Caused by storm events</td>
</tr>
<tr>
<td>Beach Armouring/Stabilization Structures</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Beach Nourishment</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Recreational Beach Equipment and/or Other Obstacles</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Mechanized Beach Cleaning</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Beach Vehicular Use</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Sand Mining</td>
<td>Yes (FA)</td>
<td>Onima; Lagun and Waski Kemba (destroyed)</td>
</tr>
<tr>
<td>Exotic (or Loss of Native) Vegetation</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Livestock Presence on the Beach</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

Occurrence Frequency: R = Rare; O = Occasional; F = Frequent; FA = Frequent in one area; U = Unknown

## Threats to Sea Turtles - Foraging/Migration

<table>
<thead>
<tr>
<th>Threat</th>
<th>Occurrence</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seagrass Degradation</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Coral Reef Degradation</td>
<td>Yes (R)</td>
<td>Some (very little) degradation, disease and bleaching</td>
</tr>
<tr>
<td>Fisheries Bycatch</td>
<td>Yes (R)</td>
<td>Hook and line, long line and &quot;nets&quot; undefined</td>
</tr>
<tr>
<td>Hunting/Poaching</td>
<td>Yes (R)</td>
<td></td>
</tr>
<tr>
<td>Pollution</td>
<td>Yes (U)</td>
<td>Sewage, cruise ship/yachts and marine debris</td>
</tr>
<tr>
<td>Predators</td>
<td>Yes (U)</td>
<td>Fish and birds</td>
</tr>
<tr>
<td>Disease/Parasites</td>
<td>Yes (U)</td>
<td>Fibropapillomas</td>
</tr>
<tr>
<td>Harassment Due to Increased Human Presence</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Dredging</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Marina and Dock Development</td>
<td>Yes (U)</td>
<td>One section on the west coast</td>
</tr>
<tr>
<td>Boat/Personal Water Craft Collisions</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Power Plant Entrapment</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Oil and Gas Exploration, Development, Transportation</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Entanglement</td>
<td>Yes (R)</td>
<td>Fishing line</td>
</tr>
<tr>
<td>Offshore Artificial Lighting</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

Occurrence Frequency: R = Rare; O = Occasional; F = Frequent; FA = Frequent in one area; U = Unknown
# Bonaire Sea Turtle Habitat

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## Beach Identification Codes with Beach Names

<table>
<thead>
<tr>
<th>Code</th>
<th>Beach Name</th>
<th>Code</th>
<th>Beach Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANB1</td>
<td>Playa Chikitu</td>
<td>ANB5</td>
<td>Light House Beach Resort</td>
</tr>
<tr>
<td>ANB2</td>
<td>Boca Onima</td>
<td>ANB6</td>
<td>Donkey Beach</td>
</tr>
<tr>
<td>ANB3</td>
<td>Lagun</td>
<td>ANB7</td>
<td>No Name Beach</td>
</tr>
<tr>
<td>ANB4</td>
<td>Fisherman's Huts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>