



IOSEA Marine Turtle MOU
4th Meeting of the Northern Indian Ocean Marine Turtle Task Force
Baa Atoll, Maldives & online, 7-9 March 2023



IOSEA
Marine Turtle MOU

COUNTRY UPDATE: BANGLADESH

SEA TURTLE RESEARCH & CONSERVATION STATUS IN BANGLADESH



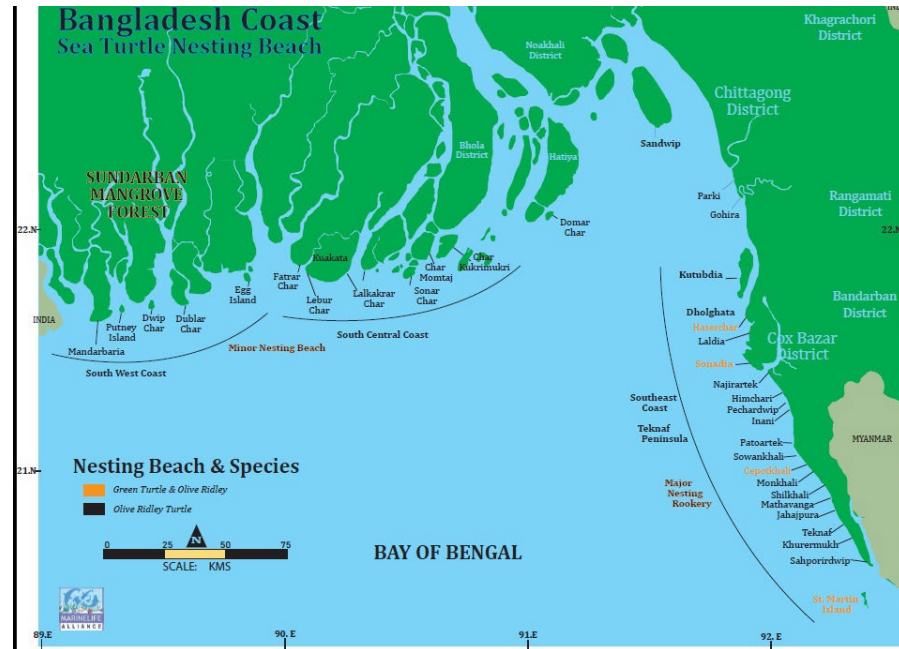
M. Zahirul Islam, Executive Director, Marinelif Alliance



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Nesting Sea Turtles Currently Along Bangladesh Coast



Green Turtle



Olive Ridley





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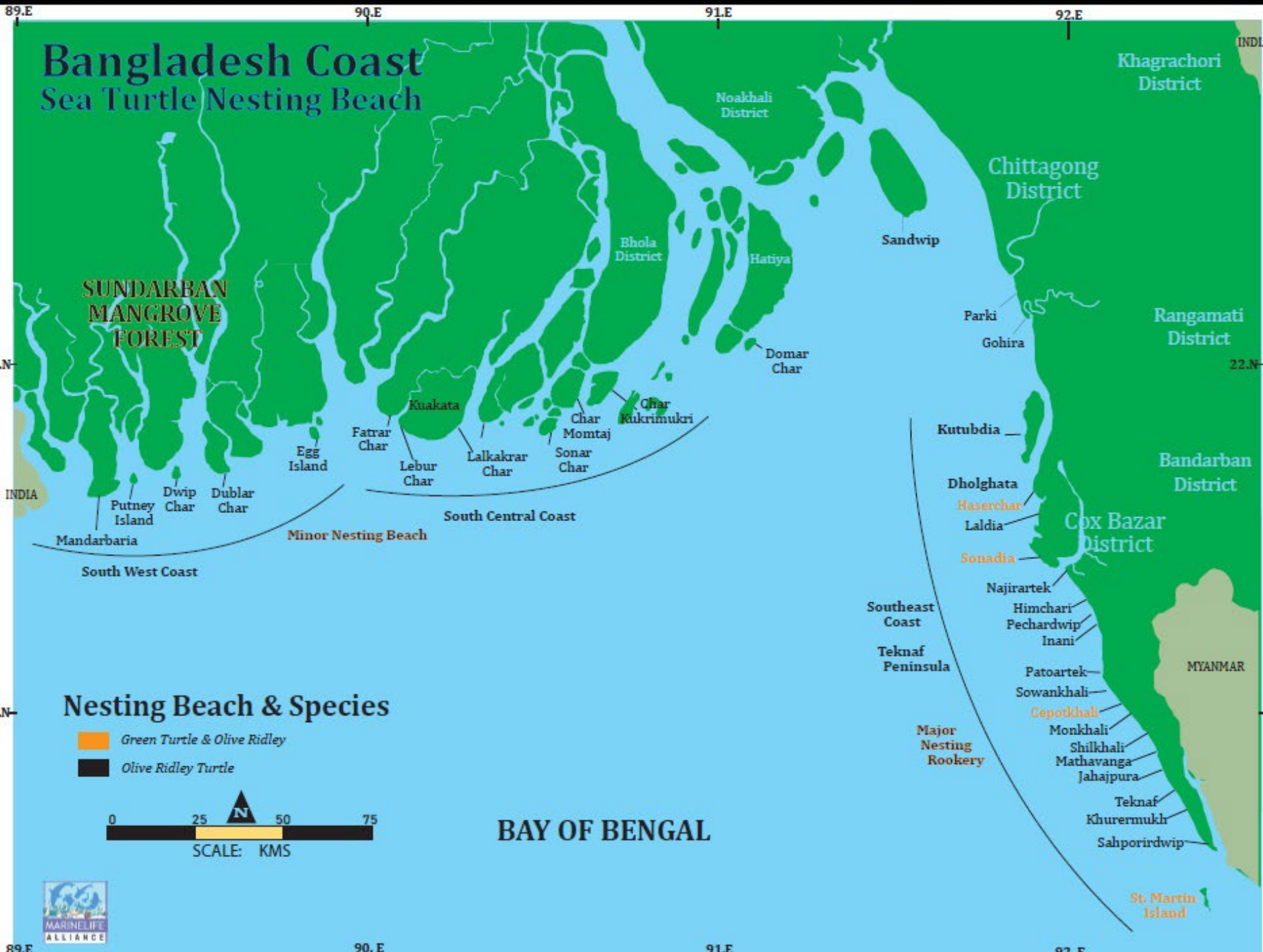
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**Foraging Critically endangered
Hawksbill Turtle observed and
sometime Stranded in ghost net
forage in our nearshore water**

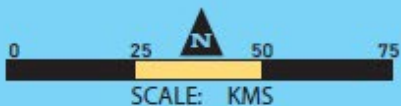
Bangladesh Coast Sea Turtle Nesting Beach

**SUNDARBAN
MANGROVE
FOREST**



Nesting Beach & Species

- Green Turtle & Olive Ridley
- Olive Ridley Turtle



BAY OF BENGAL





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Satellite Tracking





TURTLE SATELITE TAGGING

WORLD WILDLIFE FUND BANGALADESH



VPPW2/2013
SERVATION
TURTLE
ADP
& M
IT



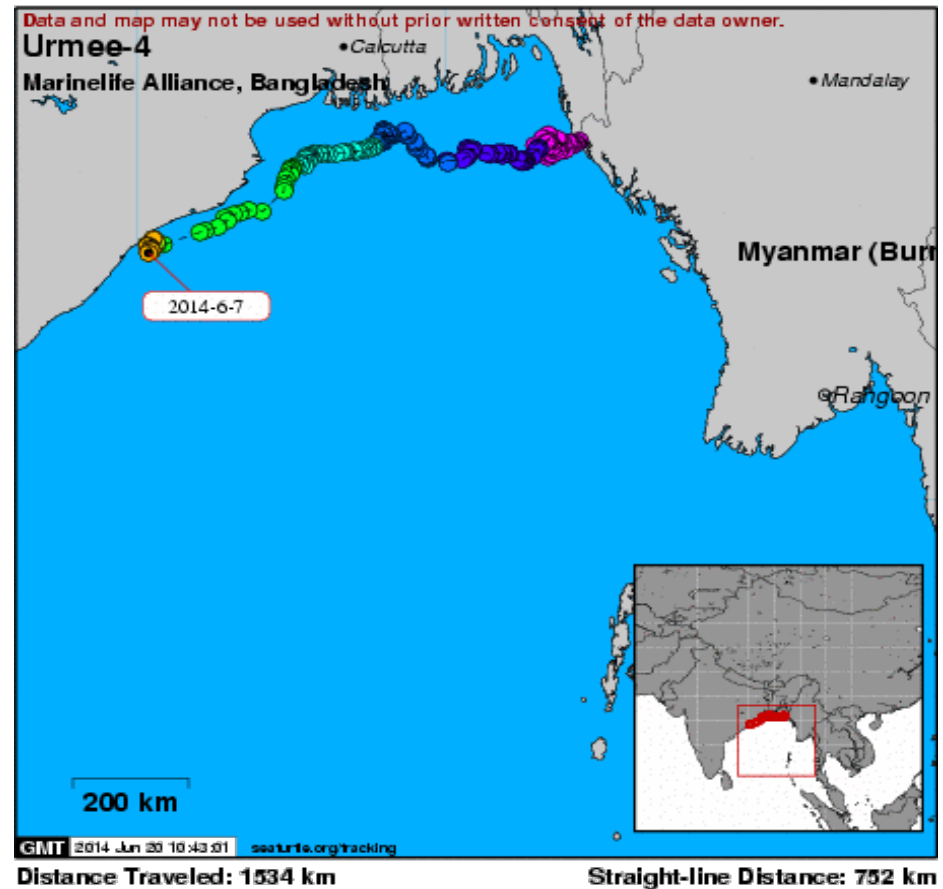
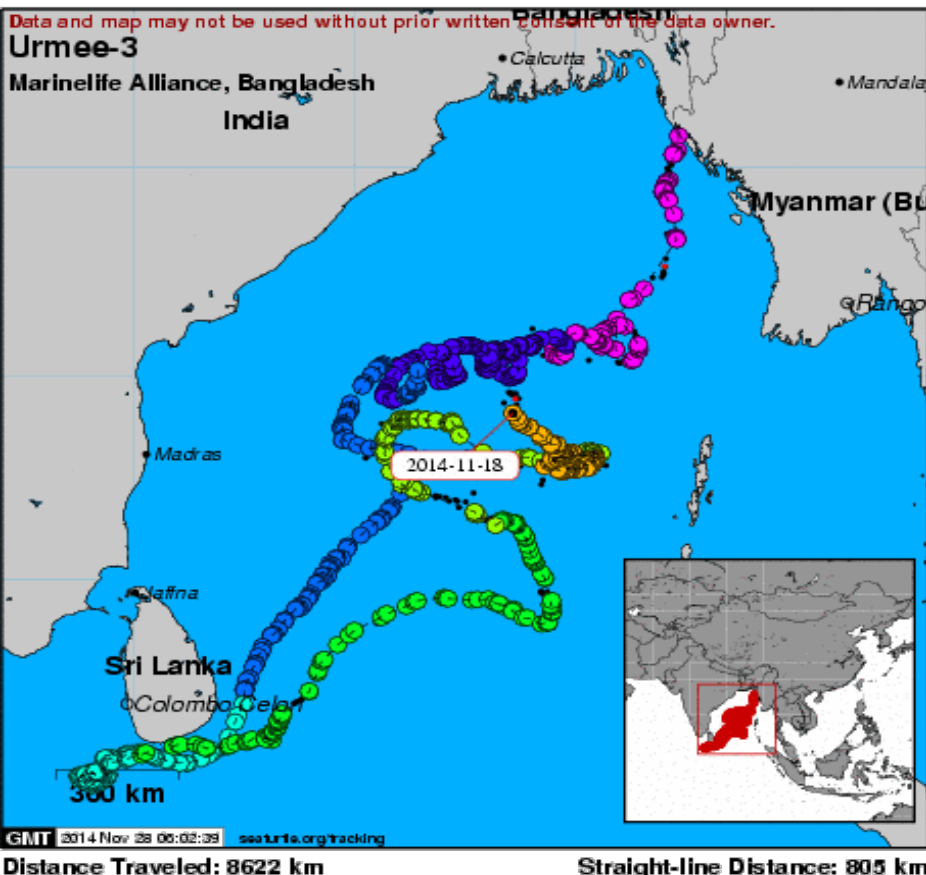
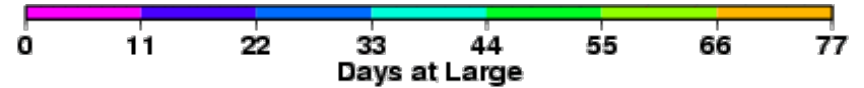
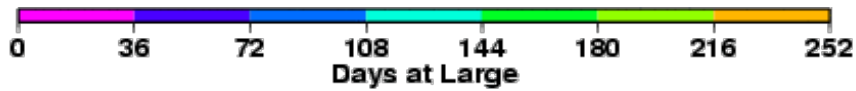




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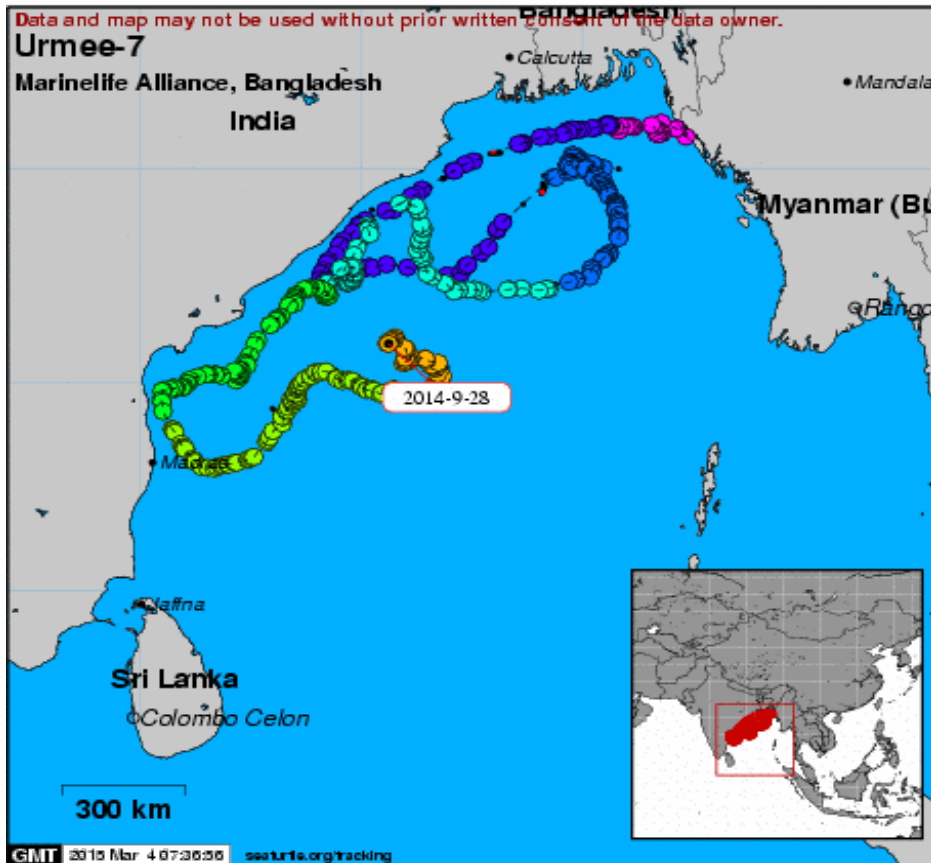
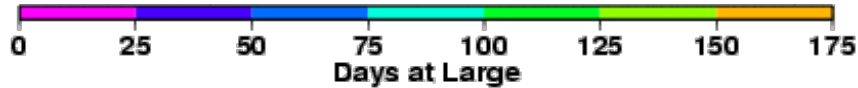




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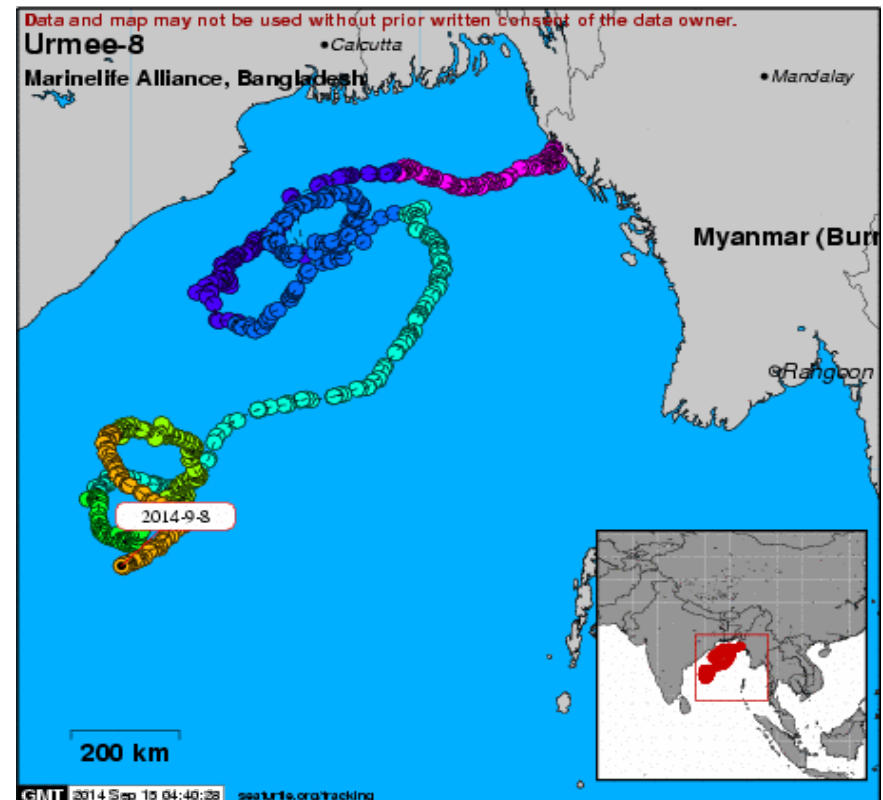


COUNTRY UPDATE: BANGLADESH



Distance Traveled: 5907 km

Straight-line Distance: 883 km

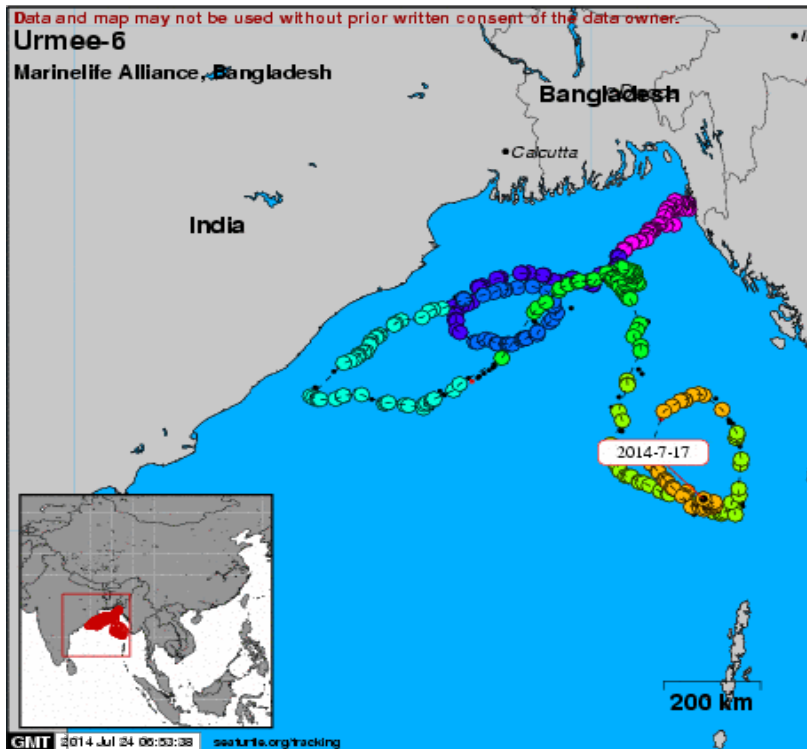
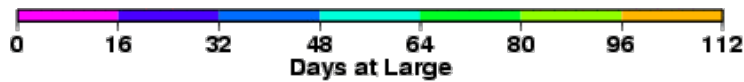


Distance Traveled: 6002 km

Straight-line Distance: 1156 km

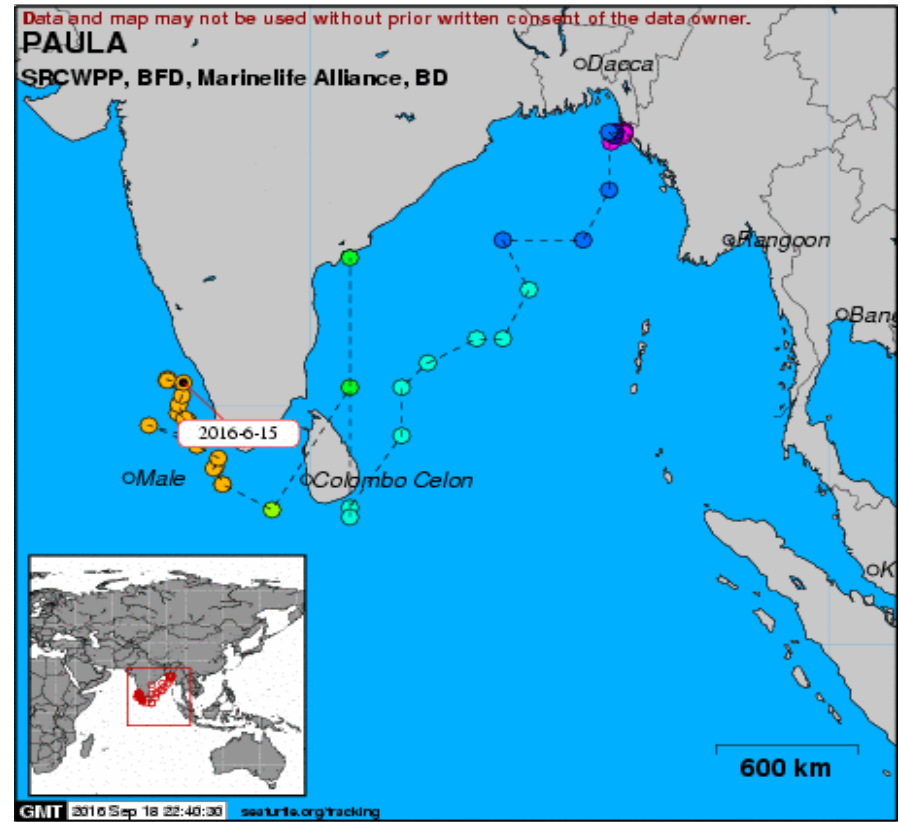


COUNTRY UPDATE: BANGLADESH



Distance Traveled: 4351 km

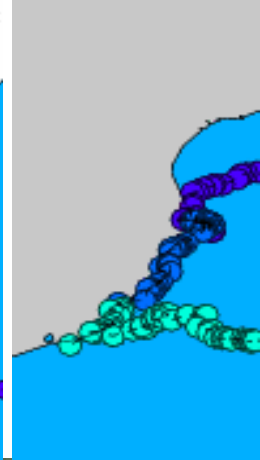
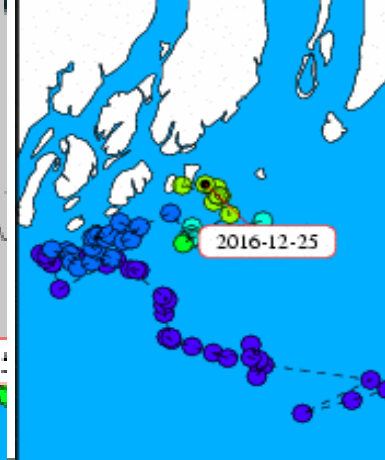
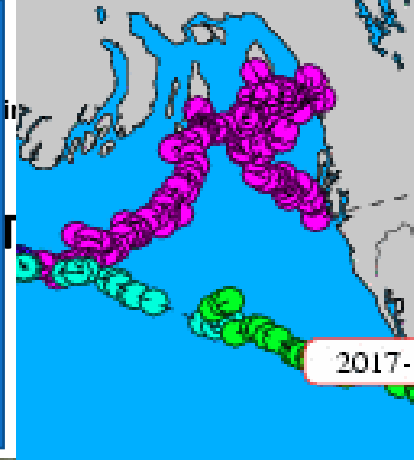
Straight-line Distance: 659 km



Distance Traveled: 6703 km

Straight-line Distance: 2138 km

Green turtle spent 16 days along the shallow habitat of Vitarkanika National Park of India, within the tributaries of Abul Kalam Island, and Kanika Island (Lat20.78147N, Lon87.03532E



Adult green turtle (Tag: 133477) foraging site at Myanmar location at very coast of the northern shallow water of Myengu Island east of Savage Island, south of Sittwe (Lat-20.084350N, Lon-92.924996E), turtle spent more than one month before the final spotting signal.



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Nest Conservation and hatchling production 10-13 seasonal hatching ground are installed each year.





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Nest Conservation and hatchling production





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Nest Conservation and hatchling production



*Fishermen
community helping
bycatch reduction
and also release
entangled turtle*



Awareness Campaign with offshore Fisher's for bycatch reduction









School program on environment, sea turtle are other marine megafauna with coastal school



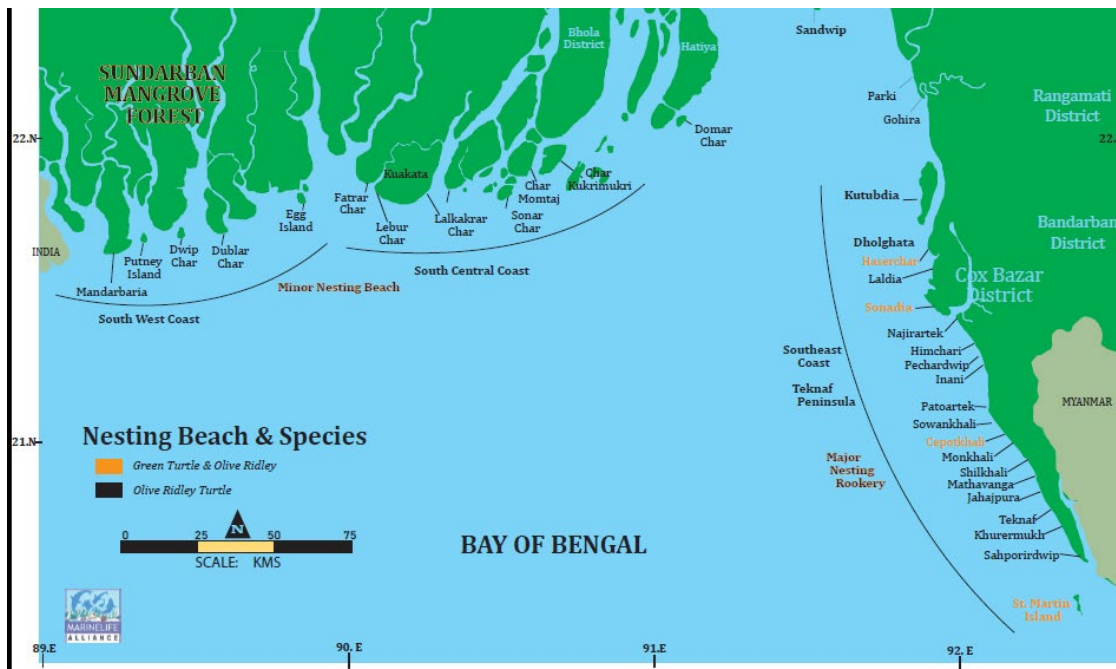


COUNTRY UPDATE: BANGLADESH

Ongoing Activities

Community based sea turtle restoration project in Bangladesh.

Working area: South Central coast and south east coast, Sundarban coast (south west coast), Nesting monitoring and conservation, Offshore fishermen training on by-catch reduction, School education on sea turtle and marine megafauna, Community awareness program, Training among community for sea turtle monitoring, Orientation for BFD staffs in the sea turtle project area

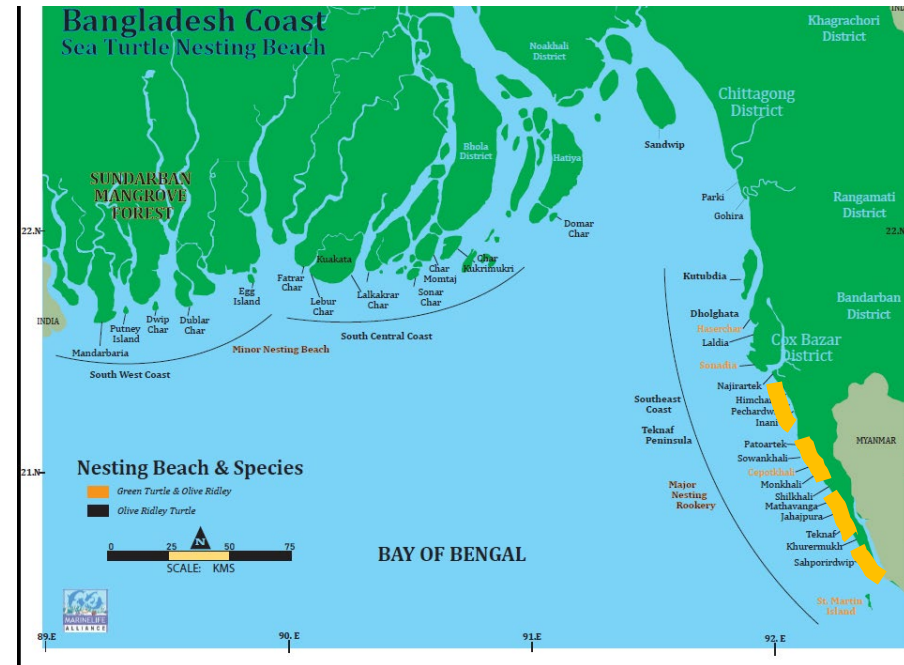




COUNTRY UPDATE: BANGLADESH

Large infrastructure developments affecting marine turtles

Large sand bag, RCC Structure installation on nesting beach for so called erosion prevention.





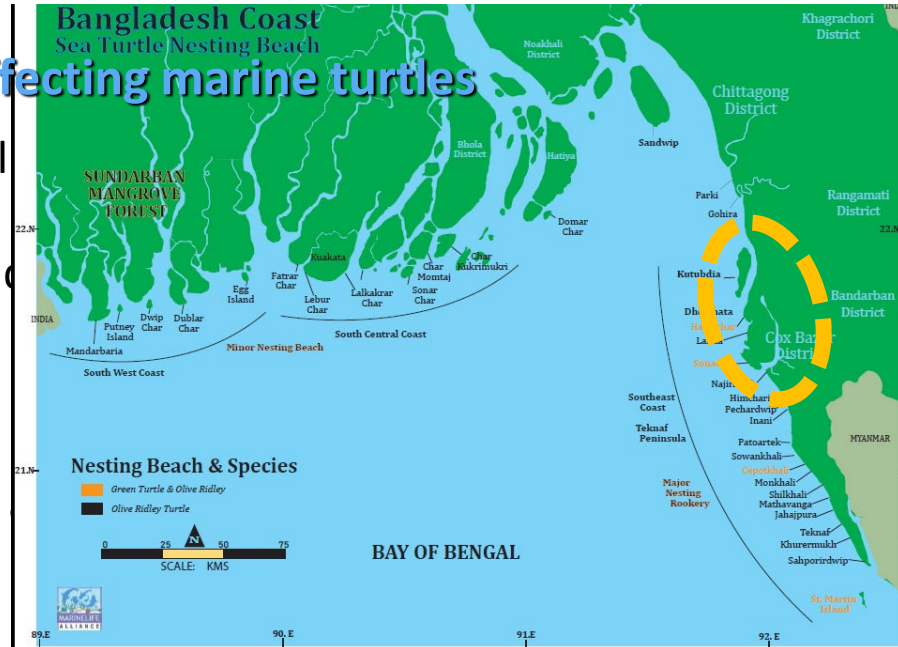
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COUNTRY UPDATE: BANGLADESH

2. Large infrastructure developments affecting marine turtles

Several Liquefied natural gas (LNG) port terminal and coal-based power generation project have been started by the government at Matarbari and Haserchar nesting beaches. In addition, Sonadia Island has been leased by the Government to Economic Zone Authority (BEZA) for tourism development. Therefore, these nesting hotspots now under threat.





COUNTRY UPDATE: BANGLADESH

2. Large infrastructure developments affecting marine turtles

Beach front hotel and other infrastructure development for tourism development.





COUNTRY UPDATE: BANGLADESH

3. Changes in national policy, laws, or management frameworks affecting sea turtles and their habitats

- Bangladesh has introduced a monsoonal fishery closure in the Bay of Bengal to ensure the conservation of fish stocks and productive breeding grounds. This include one 63 days ban between May and July and another 22 days coastal Ban during winter.
- There is no special changes in existing wildlife law that can help sea turtle conservation.
- Major nesting beach at Sonadia Island, Haser Char, and adjacent areas is being under serious impact due to disturbance by LNG operation, LNG offshore fleet, through which lighting, noise garbage is a common issue now.



COUNTRY UPDATE: [INSERT COUNTRY]

Emerging threats or challenges

- *Beach front tourism development is rapidly increase at St. Martin Island, Cox Bazar area and already impacting nesting habitat.*
- *Government converted protected area Sonadia to Tourism Economic Zone*
- *LNG port and operation will increase habitat disturbance onshore and offshore*





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COUNTRY UPDATE: [INSERT COUNTRY]

Achievement/Success story

- *More than one million ridley hatchling released in the wild since 1996*
- *Migration routes known to some extent and Satellite Telemetry in ongoing. We have Flipper tagging program ongoing (BD 0001-BD2000 Inconel).*
- *Fishermen are engaged in conservation and bycatch mitigation*
- *Sea turtle are protected by Wildlife Protection Act (2012). TED use mandatory in mechanised trawler (but it may not be followed in reality).*
- *Government supported for a project through worldbank funding but still need to make a national program.*
- *Total Southeast coast is under conservation program.*
- *In last 8 years government declared 2 large MPA, St. Martin Island and adjacent area and Swatch of no Groud.*



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COUNTRY UPDATE: [INSERT COUNTRY]

Nesting beach now tourism area at St. Martin Island



Releasing ridley hatchlings

