

Earth Data Encyclopedia

Sundarbans Wetland Boundary Data (Bangladesh)

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Sundarbans Wetland of International Importance, the largest contiguous mangrove forest in the world, was listed at the RAMSAR Convention on Wetlands in 1992. Its RAMSAR Site No. is 560. And the central geolocation coordinates of this site are 22°N, 89°31'E. The Sundarbans Wetland is a part of the Ganges Delta. It is located at the confluence of the Ganges, Brahmaputra and Meghna Rivers, in the southwestern coast of Bangladesh, bordering the Bay of Bengal. There are many channels and creeks in the Sundarbans Wetland. This site hosts about 300 species of flora and 425 species of fauna, many of which are listed as the endangered species in the IUCN (International Union for Conservation of Nature) Red Book. The total area of the site recorded at the RAMSAR convention is 6,017 km². The area and the spatial distribution of the Sundarbans Wetland are experiencing a lot of changes induced by the sea level, rivers and climate changes. In 2015, the total area of mangrove forests and tidal flats in the Sundarbans Wetland is 4,835 km². The dataset on Sundarbans Wetland in 2015 is archived in both .kmz and .shp formats, and it was completed by integrating MODIS and Google Earth images. For more detailed information about the site's boundary data, please refer to <http://www.geodoi.ac.cn/WebEn/doi.aspx?Id=214>.

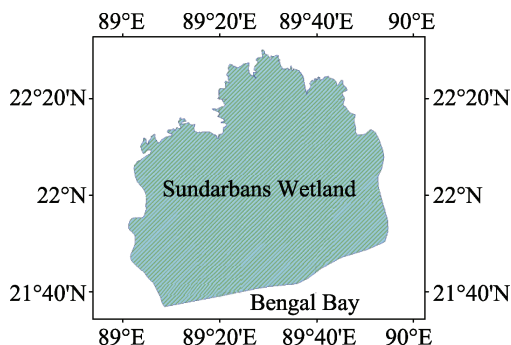


Figure 1 Map of the Sundarbans Wetland data in 2015 (Bangladesh)

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