Additional information

Ecosystem services

Current land (including water) use:

Sint Marie was given the "Conservation" status in the island's zoning plan locally known as the EOP ("Island Development Plan"; AB 1995 no. 36), which became effective on May 23, 1997. The conservation destination is attributed to areas with a scientific, historic, cultural or scenic value.

Current communications, education and public awareness (CEPA) activities related to or benefiting the site

The area is managed by Uniek Curaçao. This nonprofit organization's goal is to maintain and improve the physical and social environment of the island and secure the livability of Curaçao for both locals and visitors. Uniek Curaçao's mission is to promote the island in the most ecological and sustainable way. They prepare educational tools as information booklets, videos and presentations and also offer guided tours in the area. Once designated as a Ramsar site, this area will be included in Uniek Curaçao's educational and public awareness programs.

Bibliographical references

Acropora Biological Review Team (2005). Atlantic Acropora Status Review Document. Report to National Marine Fisheries Service, Southeast Regional Office, 152 pp.

Bak RPM (1975) Ecological aspects of the distribution of reef corals in the Netherlands Antilles. Bijdr Dierk, 45: 181-190.

Beers CE, de Freitas J & Ketner P (1997) Landscape ecological vegetation map of the island of Curaçao, Netherlands Antilles. Publications foundation for scientific research in the Caribbean region. No. 138. Amsterdam, The Netherlands. 51pp.

Boekschoten B (1982) Geology, general introduction. STINAPA, 23: 22-24.

Cuppens M & Vogels J (2004) Characterization of foraging areas of the Caribbean Flamingo Phoenicopterus ruber on Curaçao (Netherland Antilles): the relationship between abtiotic factors, food abundance and flamingo density. Neijmegen: Radboud University/CARMABI. (Unpublished thesis).

Debrot AO (1999) A conservation assessment of an open connection between saliña of Rif-Sint Marie and the sea. CARMABI report, 12 pp.

Debrot AO & de Freitas JA (1991) Wilderness areas of exceptional conservation value in Curaçao, Netherland Antilles. Nederlandse Commissie voor Internationale Natuurbescherming, Meded, 26: 1-25.

Debrot AO & de Freitas JA (1999) Avifaunal and botanical survey of the Jan Thiel lagoon conservation area, Curaçao. CARMABI (Unpublished report).

De Buisonjé PH (1974) Neogene and Quaternaty geology of Aruba, Curaçao and Bonaire. Uitgaven Natuur Wetenschappelijke Studiekring Voor Suriname en de Nederlandse Antillen, No. 78, Utrecht.

de Haan D & Zaneveld JS (1959) Some notes on tides in Annabaai harbour, Curaçao, Netherlands Antilles. Bull Mar Sci Gulf Carib. 9: 224-236.

Gladfelter WB (1982) White-band disease in Acropora palmata: implications for the structure and growth of shallow reefs. Bull. Mar. Sci., 32, 639-643.

Gladfelter WB & Gladfelter EH (1978) Fish community structure as a function of habitat structure on West Indian patch reefs. Rev Biol Trop, 26: 65-84.

Meteorological Services of the Netherlands Antilles and Aruba (2008) Climatological report 2008. Retrieved from

www.meteo.an on 10/01/2012.

- Nagelkerken WP (1974) On the occurrence of fishes in relation to corals in Curaçao. Stud. Fauna Curaçao Caribb. Isl., 45: 118-141.
 - Mumby PJ, Broad K, Brumbaugh DR, Dahlgren CP, Harborne AR, Hastings A, Holmes KE, Kappel CV, Micheli F & Sanchirico JN (2008) Coral Reef Habitats as Surrogates of Species, Ecological Functions, and Ecosystem Services. Conservation Biology, 22(4): 441-451.
 - Nagelkerken WP (1974) On the occurrence of fishes in relation to corals in Curaçao. Stud. Fauna Curaçao Caribb. Isl., 45: 118-141.
 - Nagelkerken I, Kleijnen S, Klop T, Van den Brand RACJ, Cocheret de la Morinière E. & Van der Velde G (2000a). Dependence of Caribbean reef fishes on mangroves and seagrass beds as nursery habitats: a comparison of fish faunas between bays with and without mangroves/seagrass beds. Mar. Ecol. Prog. Ser., 214: 225-235.
 - Smelter M (2005) Food-web structure, and dispersion of food items of flamingos, in hyper-saline lakes in Curaçao, Netherlands Antilles. Nijmegen: Radboud University/CARMABI (Unpublished thesis).
 - Spalding MD et al. (2007) Marine ecoregions of the world: bioregionalization of coastal and shelf areas.

Bioscience, 57(7): 573-583.

Strawbridge J & Sybesma J (1989) The Curaçao Underwater Park management guide 1990-1995. STINAPA,

96 pp.

Wells J & Debrot AO (2008) Bonaire. In: Wege D & Anadon V (eds) Important Bird Areas in the Caribbean: key areas for conservation: 95-102. Cambridge, U.K.: BirdLife International.