Bali Tourism Journal (BTJ) 2017, Volume 1, Number 1, January-December: 7-8 P-ISSN. 2580-913X, E-ISSN. 2580-9148



# A journey at Mangrove Forest in south Bali: To be conserved or not to be conserved (A Review)

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# **ABSTRACT**

Mangrove forests are a group of plants that grow along sub-tropical coastlines that have a special function in an environment containing salt and landscapes such as beaches with anaerobic soil reactions. In general, mangrove forests can be defined as forest types that

grow in tidal areas (especially on sheltered beaches, lagoons, and river estuaries) that are flooded by tidal and free from submerged entanglement where the mangrove ecosystem is tolerant of salt.

Keyword: Mangrove, Forest, Bali

Cite This Article: A.A. Putu Sri Dew Lestari, A journey at Mangrove Forest in south Bali: To be conserved or not to be conserved (A Review). Bali Tourism Journal (BTJ)2017, 1 (1): 7-8

### INTRODUCTION

The mangrove forest in Bali in 2012 spans an area of 2,215.5 hectares, which is divided into Denpasar and four other districts. Distribution of mangrove forest in Bali can be found inside and outside protected forest areas. The mangrove forest located within the protected forest area has a total limit of 2,004.5 hectares and mangrove forest outside the protected forest area has a total limit of 211 hectares. The mangrove forest located within the protected forest area is distributed in three locations, namely:

1. Ngurah Rai Forest Park, dominated by mangrove vegetation with a total area of 1,373.5 hectares, is

- vegetation with a total area of 1,373.5 hectares, is located in Badung regency with an area of 753.5 hectares and Denpasar City with an area of 620 hectares.
- 2. West Bali National Park, which consists of mangrove forests as one of vegetation, is located in Jembrana Regency with an area of 429 hectares and Buleleng Regency with an area of 212 hectares of forest mangrove.
- 3. Nusa Lembongan forest, located on Nusa Lembongan Island (Klungkung Regency), is a mangrove forest area with an area of 202 hectares. The following table shows the distribution of mangrove forests located within and outside protected forest areas in Bali.<sup>1</sup>

# A GLIMPSE OF MANGROVES

After the Ngurah Rai Forest Park developed, the government of Bali provision saw an opportunity to make the mangrove forest as a place of recreation. Mangrove forests in Bali other than famous as a place of recreation are also famous as one of the

favorite places to do pre wedding photos. Not only the local people of Bali who do pre wedding photos in the mangrove forest, from outside Bali and the country also chose mangrove forests in Bali for the location of pre-wedding photos. Entrance fee to mangrove (Taman Hutan Raya Ngurah Rai) 13 July 2017, Rp 10.000 / person, for car parking fee of Rp 2.000 / car. The price of admission will be different if you want to do pre wedding photo in the mangrove forest. For pre wedding photo, will be charged Rp 300.000 for all photo crew and bridal one couple.

# BALI MANGROVE FOREST AS A TOURIST TREKKING

Mangrove forest tourism (Ngurah Rai Forest Park) is also included as a trekking tour. You can enjoy the natural beauty of green and when the tide you can also fish. In the middle of the "trekking track, there is a tower, The tower can also be a place to rest and see the beautiful scenery when you are at the top of the Tower. You who rarely exercise this place is great for trekking trips in the middle of this mangrove forest can be a good start. It provides a beautiful landscape alongside recreation and education.

Bali mangrove forest attractions not only in the area of South Denpasar and also on the island of Nusa Lembongan, mangrove forests in Nusa Lembongan this, you can enjoy the different ways of access, here known as the traditional mangrove tour, which you can unilaterally region With Using a traditional boat, the driver controlling his boat with only a stick, through the canals that are already available in the middle of the forest as a tour route.

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Editor: Ida Bagus Ngurah Tri Pramana, Anak Agung Ngurah Yudistira Apriadi

Received: 13 July 2017. Accepted: 1 Agustus 2017. Published: 7 Agustus 2017



Figure. 1 Ngurah Rai Forest Park<sup>2</sup>



**Figure. 2** The tower can also be a place to rest<sup>2</sup>

But for a visit to Nusa Lembongan, of course, you have to ride a fast boat from Sanur beach pier to Nusa Lembongan.

# **MANGROVE BENEFITS**

Blocked by the existence of mangrove forests, mangrove forests provide benefits for the development of the circle and support human life. Terdabat two benefits of mangrove forests can be distributed into the ecological and social-economic function.<sup>1</sup>

# ECOLOGICAL FUNCTION OF MANGROVE FOREST

Serves as a natural barrier of coastal erosion from sea abrasion or erosion and also serves as the impact of tsunami waves. In addition, the benefits of mangrove forests can reduce the intrusion of sea water into fresh water nearby and also can reduce the air in the city crowd.\(^1\)

# **SOCIO-ECONOMIC FUNCTION**

Can produce wood produced from mangrove trees such as charcoal, firewood, wooden poles, wood chips and wood powder. Non-timber forest products such as tannins, nipah products, medicines, honey, and others. The natural tourist attraction for tourists with aesthetic value that can be found through the landscape and all life in it and can improve the economy of the surrounding community by Providing employment and business opportunities such as: opening stalls, boat rental, and greeting tours.<sup>1</sup>

# PORTUGUESE WORLD FOOTBALL STAR, CRISTIANO RONALDO, WAS APPOINTED AS A MANGROVE FOREST AMBASSADOR BY BALI CARE FORUM MANGROVE.

DENPASAR - Portuguese football star Cristiano Ronaldo, also known as CR7, was named a mangrove forest ambassador by Bali's Mangrove Forest Forum (FPBM) on Wednesday (26/6). This appointment was submitted with the certificate of Mangrove Care Forum Ambassador by Minister of Forestry Zulkifli Hasan in the planting of one billion trees in Ngurah Rai Forest Park (Tahura) area, Tanjung Benoa in Bali. Ronaldo's appointment as a mangrove ambassador was initiated by the Bali Mangrove Cares Forum, a mangrove conservation movement in Bali supported by a community empowerment institution located south of Tanjung Benoa, Bali. In his statement after receiving the certificate of Bali Mangrove Caring Forum ambassador, Ronaldo hopes to see him in Bali can be an inspiration for the efforts of mangrove forest conservation.3

# **CONCLUSION**

Traveling to south Bali, there are many interesting sights to visit such as beautiful beaches, stunning cliffs and conservative mangrove forest areas in Bali. Not only from local residents who are interested in visiting the mangrove forest can even attract national to international tourists make one of the goals while on vacation to southern Bali.

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