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# 2<sup>nd</sup> GGN DIGITAL FORUM

23-24 FEBRUARY 2021  
12:00 - 14:00 GMT



## Tourism-based Green Sea Turtle Conservation at Pangumbahan Beach, Ujung Genteng, Sukabumi



*Ciletuh-Pelabuhanratu UNESCO Global Geopark*

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# CILETUH-PALABUHANRATU UNESCO GLOBAL GEOPARK REGION



## Ciletuh- Palabuhanratu Geopark Region

**Total area 126,100 ha  
= 30,3% of Sukabumi  
Regency Total Area**

**Elevation of Region : 0-1000  
masl,  
With Cikakak District as the  
highest place**

**Total population 502.019  
people;**

**population density 412  
people/km<sup>2</sup>**

**Primary livelihood of the  
people is Farmer and  
Fisherman**



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# GREEN TURTLE or GREEN SEA TURTLE (*Chelonia mydas*)



[www.en.wikipedia.org/wiki/Green\\_sea\\_turtle](http://www.en.wikipedia.org/wiki/Green_sea_turtle)



CR	EN	VU	NT	CR	EW	EX
CRITICALLY ENDANGERED	<b>&lt;ENDANGERED&gt;</b>	VULNERABLE	NEAR THREATENED	NT	EXTINCT IN THE WILD	EXTINCT

**Family: CHELONIIDAE**  
**Genus: Chelonia (monotypic)**  
**Species: C. mydas**

**IUCN Status: ENDANGERED**

**CITES: APPENDIX I**

**Protection Status: Fully Protected  
in Indonesia since 1999**

**“POSSIBLY EXTINCT” in Israel and  
declared “EXTINCT” in the Cayman  
Islands and Mauritius**

**THREATS:**

**Poached for edible meat, and eggs  
illegally harvested. Sometimes  
drowns in fishing nets.**

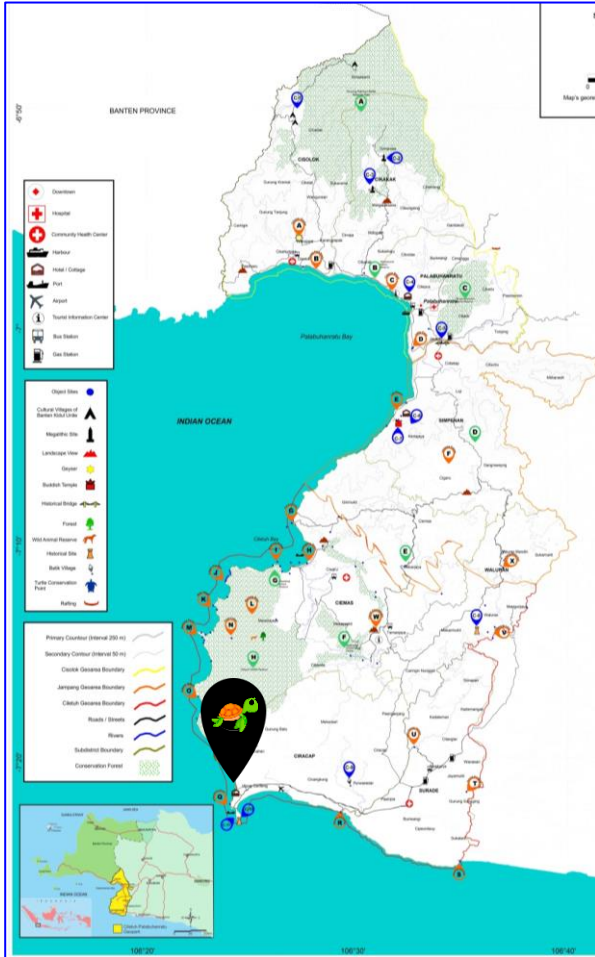


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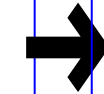


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# GREEN TURTLE CONSERVATION AT PANGUMBAHAN BEACH



In February 2000, the former Sukabumi Regency Government issued a license for the harvesting of Green Turtle eggs at Pangumbahan Beach (Regency Regulation no. 2/2000) which severely impacted the reproduction of this Green Sea Turtle population. In 2006, with pressure from conservation NGOs, this controversial permit was revoked, and the management of the Green Turtle nesting beach was taken over by the Fisheries Department. Since 2006, the turtle nesting beach has been managed for conservation and tourism, and facilities and management activities are being continuously improved



1. Safeguarding nesting sites and eggs to increase the hatching success of turtles
2. Increasing communities' awareness and knowledge about turtle conservation
3. Increasing welfare of local communities through ecotourism-based conservation activities



# IMPLEMENTATION OF TURTLE CONSERVATION AND EDUCATION IN PANGUMBAHAN BEACH

Several activities have been implemented at the Pangumbahan Turtle Conservation Area to support turtle conservation and education:

## 1. Captivity

- Turtle Egg Protection and Incubation
- Quarantine and Release of Hatchlings

## 2. Maintenance of Nesting Habitat

- Regional Patrol
- Rehabilitation / Revegetation
- Beach Cleaning

## 3. Ecotourism

- Ecotourism package by communities
- Pangumbahan Turtle Tour
- Training and Seminars to increase knowledge for communities and millennials





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# TURTLE CONSERVATION AND EDUCATION IN PANGUMBAHAN BEACH: RESULTS ACHIEVED

## Reproduction data of Green Turtle (*Chelonia mydas*)

Years	Lay Eggs per head	Egg Production /ind.	Hatchlings	Released
2016	1.150	100.797	73.793	73.793
2017	1.663	165.072	122.757	122.757
2018	668	28.795	50.560	50.560
2019	1.560	148.907	117.236	117.236
2020	1510	146.163	123.176	123.176



The successful development of the turtle conservation area and its environment at the Pangumbahan Turtle Center is not only the responsibility of the management, but also the responsibility of the surrounding communities and other key stakeholders. The direct and indirect support from all parties involved is the key of success of the Green Turtle conservation.

# FUTURE STEPS FOR TURTLE CONSERVATION AND EDUCATION IN PANGUMBAHAN BEACH

1. Upgrade the turtle conservation area, the center's infrastructure and environment, to make it more attractive to visitors.
2. Collaborate across sectors and levels of government, the private sector, nature conservation organizations, and communities to achieve greater goals
3. Carry out an economic study of the Pangumbahan Conservation Center to ensure continued survival of the Green Turtle in the long-term. Besides the benefits from ticketing, the high number of visitors could increase the local economy through the selling of souvenirs, handicrafts, local snacks and food, and providing homestays and transport.



# Thank You

“Celebrating earth heritage,  
Sustaining local communities”



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