



University
Of Bengkulu

(ABS-SBCC-24047)



Stilt House Rejang Tribe in the Mountains: Local Wisdom to Responding to Climate Change (Case Study of Duku Ulu and Duku Ilir Villages)

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International Symposium and Workshop
on Sustainable Buildings, Cities, and Communities
"Building Low Carbon Future: Decarbonizing with Impact"





Introduction

1. **Bengkulu** Province has a diversity of traditional buildings, one of which is stilt houses and traditional houses in Bengkulu province also have a stage form.
2. One of the houses on stilts in Bengkulu is the traditional house of the **Rejang Tribe**. The Rejang tribe is one of the tribes in Bengkulu Province. **The stilt houses** of the Rejang Tribe community are spread in the districts of Bengkulu Tengah, Bengkulu Utara, Kepahiang, Rejang Lebong, and Lebong districts.
3. The effects of **climate change** are felt in the short term through natural disasters such as landslides, floods, and storms. And in the long term in the form of environmental degradation that occurs gradually.
4. There are local values that exist to date and continue to be preserved. In the context of ecology, reminding humans to maintain their relationship with nature. This research focuses on identifying the values of **local wisdom** in responding to climate.



Method

| Direct Observation | Analysis | Shintesis | Conclusion |
|--|--|---|---|
| <ul style="list-style-type: none">-Facts.-First Hypothesis. | <ul style="list-style-type: none">-Test The Concept.-Problem Statement. | <ul style="list-style-type: none">-Problem Sloving. | <ul style="list-style-type: none">-Research Conclusion. |



Result and Discussion

- Houses that have an age of more than 50 years, as evidenced by the residents who inhabit the house now are not the first owners but have been inherited for generations.
- The use of house materials that are dominated by wood, the surrounding community uses "keyeu matiak" or what we know as red meranti wood.
- The bedroom becomes a private space that is not arbitrary people can enter. The existence of "Berendo" or an open terrace that is one lane from the living room, becomes the limit of outsiders who want to visit the house. People use "Berendo" for leisure activities such as drinking coffee, smoking, playing, and meetings under certain circumstances.
- The object house in Duku Ulu was built in 1920, with only a kitchen repair in 2012. The object of the house in Duku Ilir was built in 1939, with only improvements to the door and window elements in the living room in 2016.



Conclusion

- Traditional House
- Healthy House
- Climate And Season

• Suprijanto, 2002



• Wisbisono & Huda, 2014

• The shape of the house on stilts is used by the community as a shelter, natural air from openings and ventilation even from between the floors provides its coolness.

• From November to March it is generally the rainy season and from April to October there is generally a dry season.

Conclusion

- Building Orientation
- System For The Air Flow
- Local Wisdom
- Iqbal, 2019
- Razak, 2015
- Masruroh et al, 2023





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