

Visiting Jogja, Indonesia.

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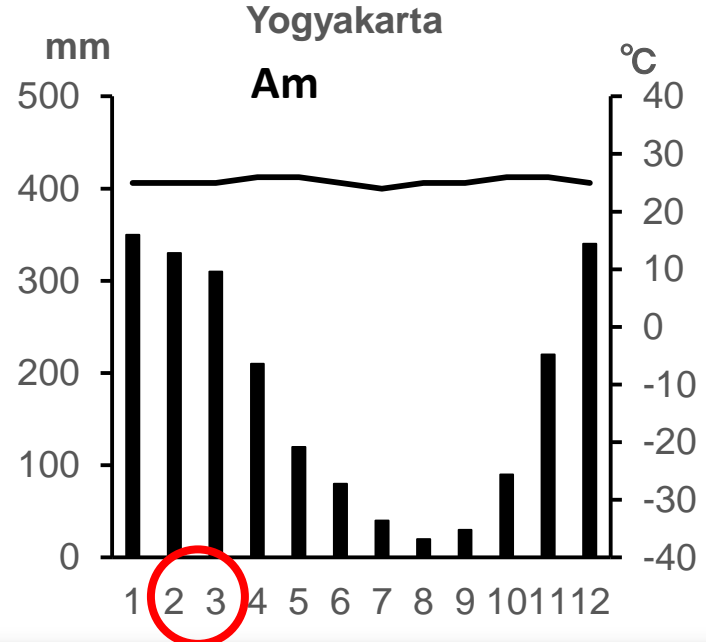
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● The site I visited

Yogyakarta, Java Island, Indonesia.

- A little bit apart from the equator.
→ There has dry season.
- There is no tropical rainforest...



● The Gadjah Mada University

- In the center of Yogyakarta.
- As large as, or even larger than Hokudai.
- Students were so intelligent.
- They had a passion, creativity, kindness.

● Why did I visit Yogyakarta?

→ I would like to visit “**tropical area**”.

- There has unique creatures.
 - Little Shota saw them in the illustrated book.
- Tropical forest plays an important role on solving environmental problems.



- Deforestation
- The problem about oil palm plantation
- Decreasing of Biodiversity.
- ...more.

● Why did I visit Yogyakarta?

- I am now studying silviculture, forestry.
- +
• A longing for tropical environment.



Forestry in tropical area.

Before studying or working in tropical area... ,

- I would like to know and feel the conditions or atmosphere.
e.g.) Temperature, humidity, weather, dangerous creatures... .

→ Let's go to tropical area actually!

Before visiting...

● My image toward tropical area.

☆ Tropical forest = Tropical “rain” forest.

But it was not...!!

There were many types of tropical forest.

And, in Yogyakarta, there are no tropical rain forest... .

● Although I could not visit tropical rain forest...

I could know many types of tropical forest, and

I could experience lots of unique things.

● Forests I saw in Java Island.

- Productive forests ...“Teak (*Tectona grandis*)”, “Merkus pine (*Pinus merkusii*)”, “Falucata (*Albizia falcataria*)” and so on.
- Agroforestry System
- Mangrove forest (Not so large)
- Montane forest
- Coastal forest

○ Agroforestry Systems : AFS

One way of agricultural systems.

- You can grow crops while growing trees, under their canopies.
- It is well introduced in tropical area.

One study mentioned that

- AFS may increase biodiversity.
- But, difficult to conclude that this idea can apply to all AFS in the world.

**↑ AFS varies around the world.
Due to the regional climate or environment.**

This AFS is different system from “Taungya” or “Tumpangsari”.

○ Study site : one village in Yogyakarta

- Tourism based on great landscapes
- Cacao production

Those two are the main industries in this village.

To search the way which

**“people in this village can continue those two industries
at the same time”.**

○ Agroforestry Systems : AFS Forest

**Collecting
insects
in Java!!**



○ Results...

There were one tendency in result 1~4, like the below ;

- Topic 1. The number of insect species.
- Topic 2. The population of insects species.
- Topic 3. Simpson's Diversity Index (1-D).
- Topic 4. The number of species of plants.

“AFS > Forest > Dry Field”

○ Montane forest of Mt. Merapi

The most active volcano in Indonesia.



○ Mangrove forest in Baros

I joined the afforestation program.
My first experience of afforestation!

At other place, serious mistake.



“We should teach the right knowledge to people or society”

○ Coastal forest

Like “Black pine (*Pinus thunbergii*)” in Japan,
“Casuarina (*Casuarina* spp.)” were planted.

Thanks to them,
people can run grow crops.

Even soil there was sandy type.

● After visiting...

About environmental condition

- Most of plants looked like fine energetic.
- Sometimes, heavy shower.
- High humidity.
- In the morning and at night, not so hot.
→ Like Spring or Autumn.
- In Java Island, the risk of malaria is not high.

The utopia for summer lovers!!

● After visiting...

About forestry in tropical area

- “Forest in tropical area” ≠ “Tropical rainforest”
- But popular topics are “Tropical rainforest” or “Forest in Peat land”.
→ It is ideal that you visit there, if you feel global problem in tropical area.
- There were something in common on methods for forestry.

The importance of

feeling, respecting, and following the culture or custom

of the place where you stay.

● Finally...

I could know, study, and feel many kinds of things of Indonesia in Java Island.

Especially, I could learn about “what Indonesian people are” and their culture.

The next time I visit tropical area,

I would like to visit the place where has tropical rainforest.

Please visit Jogja!!

- Unique culture.
- Good infrastructure.
- Prices are so reasonable.
- Dericious and spicy food.
- Famous the world heritage sites
- Most people are so kind and gentle.

Terima Kasih banyak !!

A little bit... weak point.

- Cleanliness.
- Punctuality.
- The timing of traffic light.
- Spicy and oily foods.