

2<sup>ND</sup> INTERNATIONAL E-PUBLIC FORUM

“ORGANIC CRAFTS AND SAUJANA HERITAGE CONSERVATION”

# AGRICULTURE IN JOGJA SAUJANA HERITAGE

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UNIVERSITAS  
GADJAH MADA

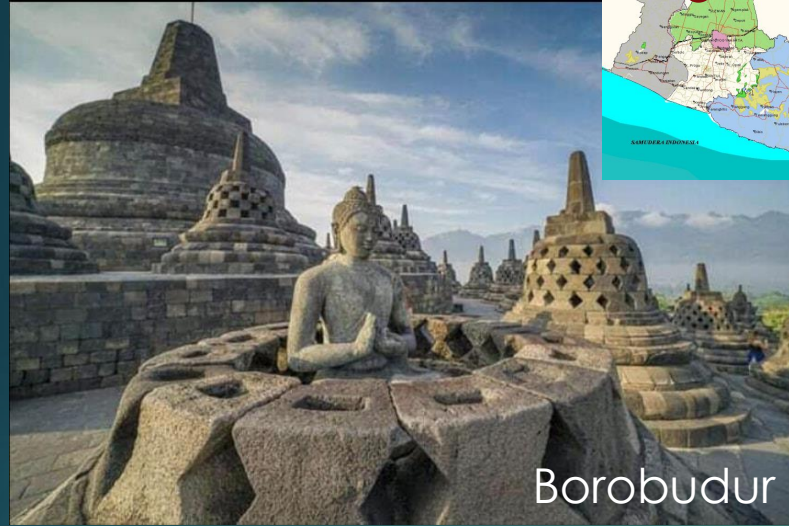


# Agriculture in JogJa Saujana Heritage

1. Saujana and Agriculture
2. Surjan Agriculture
3. Javanese Pekarangan
4. Jogja Phylosophy Plants
5. Agriculture and Batik

# **1. SAUJANA AND AGRICULTURE**





**JOGYA**

Saujana Heritage  
Agrotourism  
Local Wisdom

**AGRICULTURE**





# Enjoying agriculture area at Saujana heritage



View, Fresh air, Relaxion,  
Recreation, sport, photograph

▶ Svarna Bumi,  
Borobudur area

▶ Plataran Hotel, Borobudur area



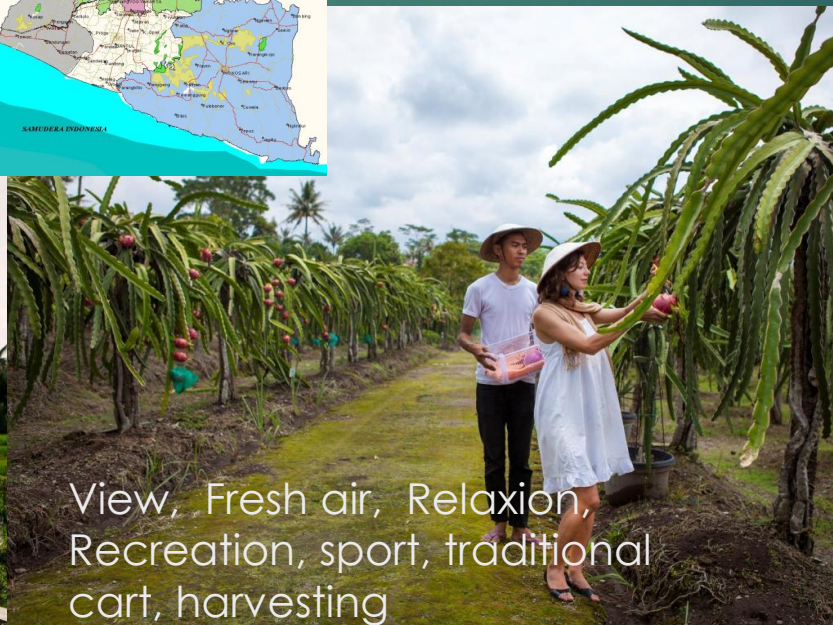


► **Sambi Resort, Yogyakarta**

And surrounding nature



► Pedati / cikan



View, Fresh air, Relaxion,  
Recreation, sport, traditional  
cart, harvesting





## **2. SURJAN AGRICULTURE**

# SURJAN AGRICULTURE



- Rice field, paddy field with **alternating bed system** in Kulon Progo. Since 1920 (early 20<sup>th</sup>) Century. In the past, swamp area, Paku Alam V (1893) dried the area
- Poor drainage on lowest area /downstream area, Kulon Progo ---- swamp area (in the past, tried to be dry)
- Sunked bed: locked water area, “flood”, stagnant water
- Economical reasons: Land utilization
- Need food not only rice, but also vegetable, spices, fruits



Horticulture:Vegetable, spices, fruits

“Guludan” Raise bed, upper space (H: 0.5 – 1 m)

“Ledokan” Sunked bed, lower space

Paddy



# SURJAN AGRICULTURE

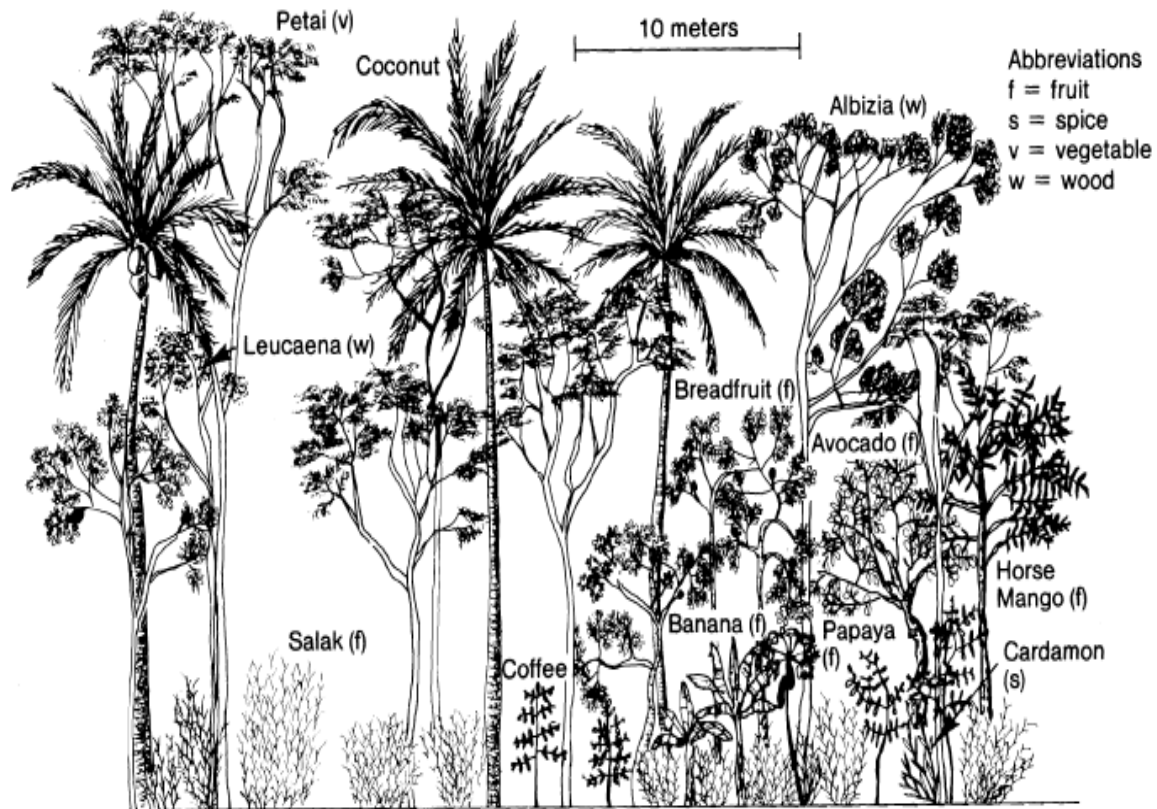




### **3. JAVANESE PEKARANGAN**



# JAVANESE PEKARANGAN



Source: Iskandar (1980), cit. Christanty (1986)

Imitating Tropical Rain Forest, plant canopy structure





# PEKARANGAN: Coconut Trees Amaryllis Flowers

2002 : bulbs as wild plant  
2002-2015: bulbs planted under  
Coconut tree  
2015 : blooming in same time as  
flower bed  
Not his purppse, people visit  
6 km to Nglanggeran ancient volcano

Pathuk,  
Gunung Kidul,  
Yogyakarta



Pathukadi Selamatkan Amaryllis, Awalnya Musuh Kini Incaran Warga

Pathuk, Yogyakarta di 31 October 2017





## 4. JOGJA PHYLOSOPHY PLANTS



# JOGJA PHYLOSOPHY PLANTS



Mape "Gayam" tree (*Inocarpus fagifer*)  
- Senenity in life -



Tamarind "Asam" tree (*Tamarindus indica*)  
- Young soul, energetic -



Burahol "Kepel" tree (*Stelechocarpus burahol*)  
- hand grip, fist. Working with the unity hearts and minds -



# JOGJA PHYLOSOPHY PLANTS



Mape "Sawo kecil" tree (*Manilkara kauki*)  
- Always in Goodness -



Spanish cherry "Tanjung" tree (*Mimusops elengi*)  
- To uphold religion, hard work



Fishbone Cactus "Wijaya kusuma" flower (*Epiphyllum Anguliger*)  
- Night queen, Absolute Victory -



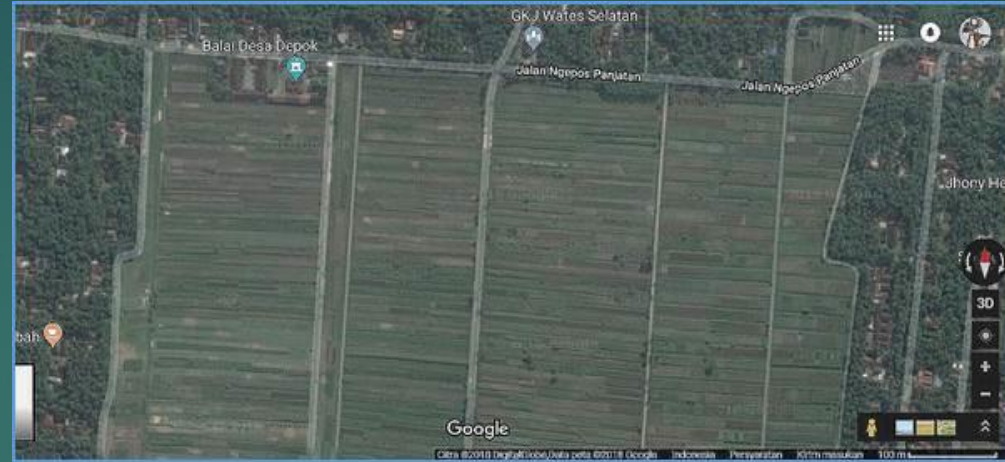
Jungle geranium "Soka" flower (*Ixora sp.*)  
- Happiness -



## **5. AGRICULTURE AND BATIK**



# a. DESIGN



Surjan / lurik

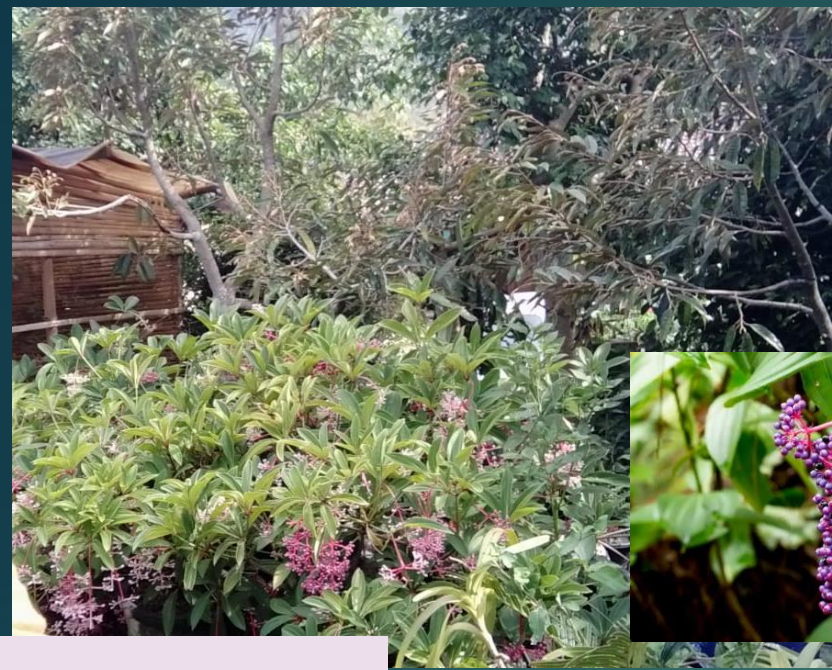


Paddy





## AGRICULTURE AND BATIK



Parijata Plant



Parijata Batik  
(Parijata design)  
Official uniform



Parijata Batik (Parijata design)  
Official uniform, Sleman Hajj Group





## b. PLANTS FOR NATURAL DYES



Indigo (*Indigofera tinctoria*)  
for blue dye



Soga Jambal tree (*Peltophorum pterocarpum*) for brown dye



Java Noni tree root (*Morinda citrifolia*)  
for brown red dye



Turmeric " (*Curcuma domestica*) for  
yellow dye

### AGRICULTURE AND BATIK



Kesumba fruit (*Bixa orellana*) for red dye







Collection of  
Kampong Giriloyo Imogiri

# Natural Dye Batik



# SDGs address:







*Thank You*