

# UI Upstream Creek (Agathis Lake)

## Group 2A:

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# 1. Data collection

- **Environmental conditions**

  - Water quality

  - The riverside condition

  - The inlet of river

- **Human interaction with the stream**

  - The source of the pollution;

  - The water use;

  - The perception of the residents to water.

# 2. Methods

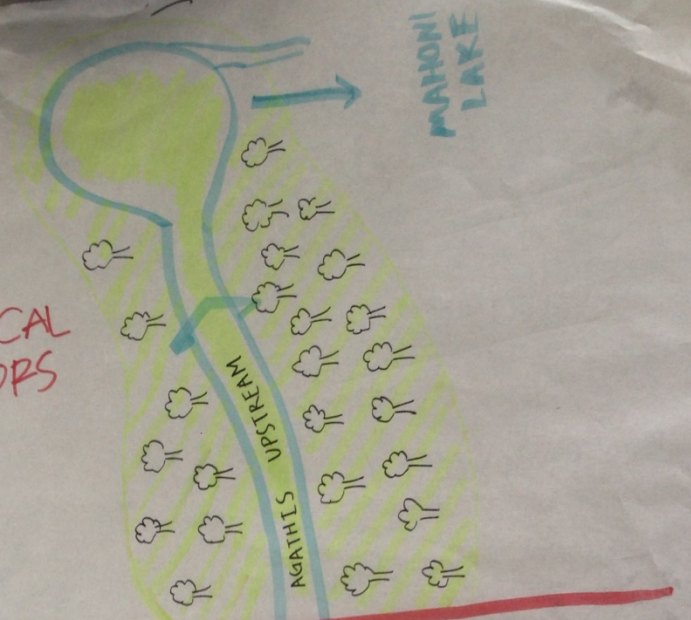
  - Interviews;

  - Counting;

  - Observation;

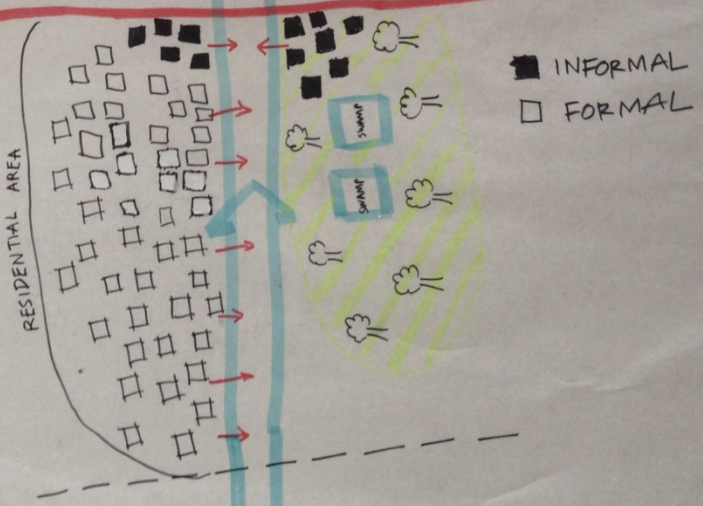
  - GIS;

ECOLOGICAL FACTORS



HIGHWAY PROJECT

HUMAN/SOCIAL INTERVENTION



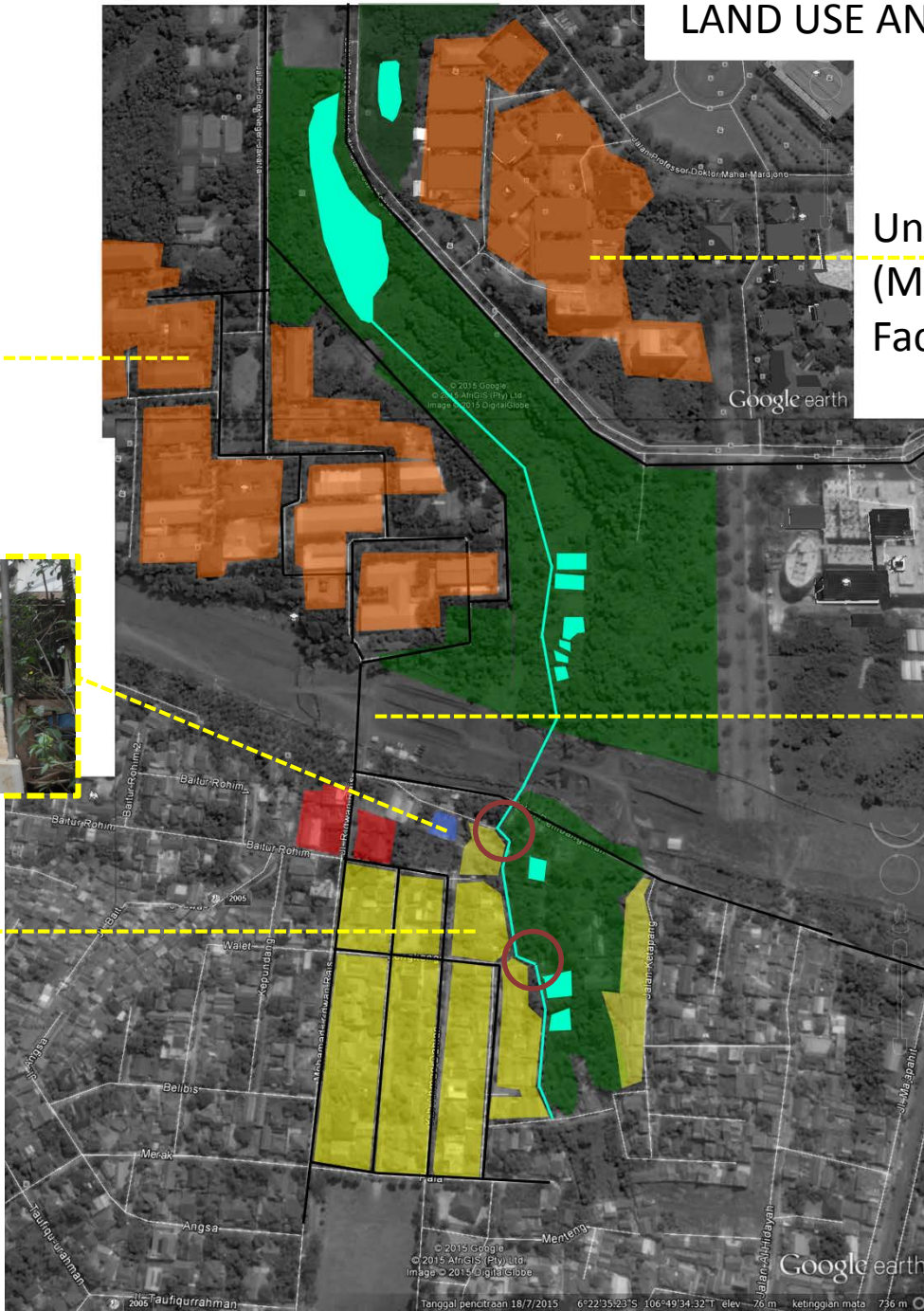
TRADITIONAL MARKET

# LAND USE AND EXISTING

Universitas Indonesia  
(Math and Science  
Faculty)

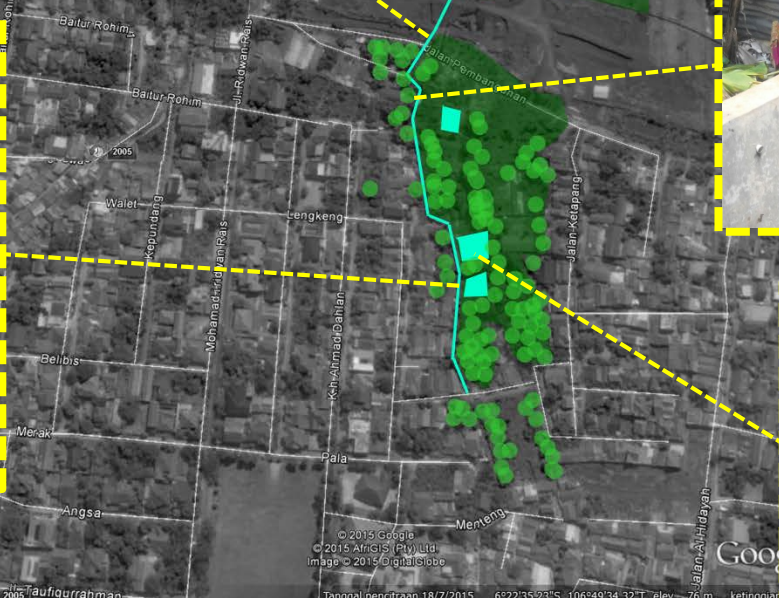
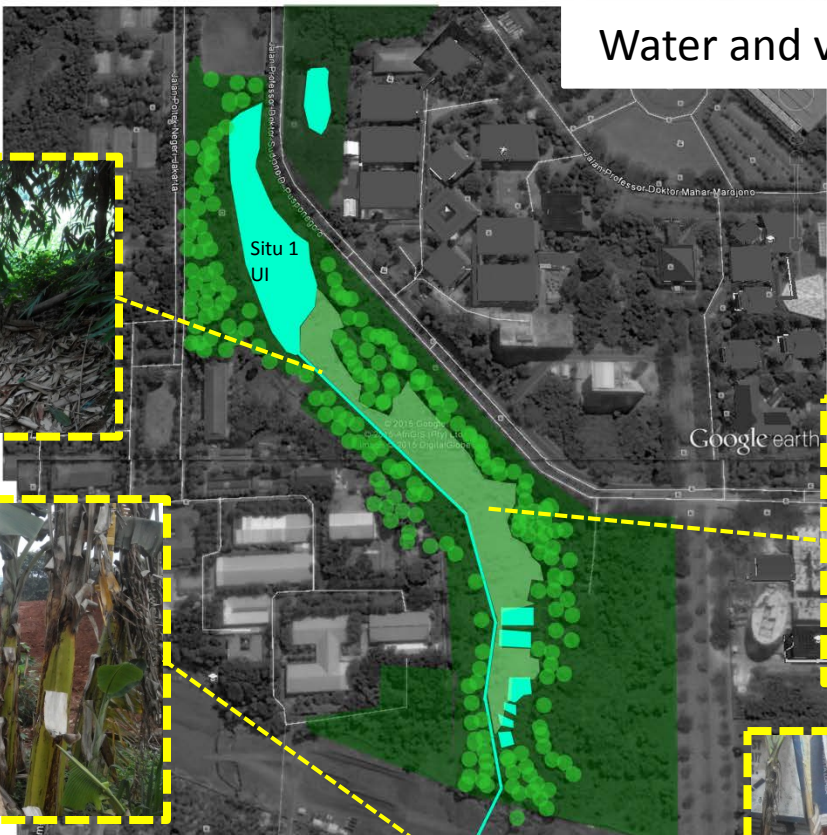
Campus PNJ

Toll construction  
project



Residential area

# Water and vegetation on the site





trashes

dewalks

trashes

vegetation

vegetation

Where's the water?

vegetation

vegetation



trashes

trashes

trashes

trashes

Where are they leading to?

Pavement stairs





the water quality?



trashes

trashes

Abandoned

Abandoned



**NO LIFE**

**Can't see anything but vegetation**



vegetation

mud

vegetation

Tranquil fl



mud

Water?

mud

mud

mud



vegetation

vegetation

vegetation



vegetation

vegetation

vegetation

Water?

vegetation

mud

mud

Where's the water flowing after?

mud







**TOLL ROAD CONSTRUCTION**

**TOLL ROAD CONSTRUCTION**

**CHANNEL**

**RIVER**



squatters

Gedung Anjing  
GEDUNG ANJING

Grey water pipe

Grey water pipe

Grey water pipe

river



DILARANG  
MASUK KE AREA INI

**METERING REGULATOR STATION**  
DIREKTORAT JENDERAL MINYAK DAN GAS BUMI  
J. Penthagonan, No. 871a, 82 Hal. Bldg. Trans. Mac. Bldg. (16422)

DILARANG  
NEASUK  
MAY 11 2011  
PBTYKLAN 3480

D 1727 NX

**NATURAL GAS STATION**



Uppersteram  
river

Undeveloped area

ILLEGAL BRIDGE



POND

Undeveloped area

A photograph showing a pond on the left and an upstream river on the right. A concrete barrier runs along the edge of the river, separating it from a path or area of dense green vegetation. The water in the pond is calm and reflects the sky. The river water is darker and appears to be flowing over rocks. The vegetation is thick and green, covering the bank between the pond and the river.

POND

Upstream  
river

**Thank You**