

A Multispecies Inquiry in A Mangrove Forest

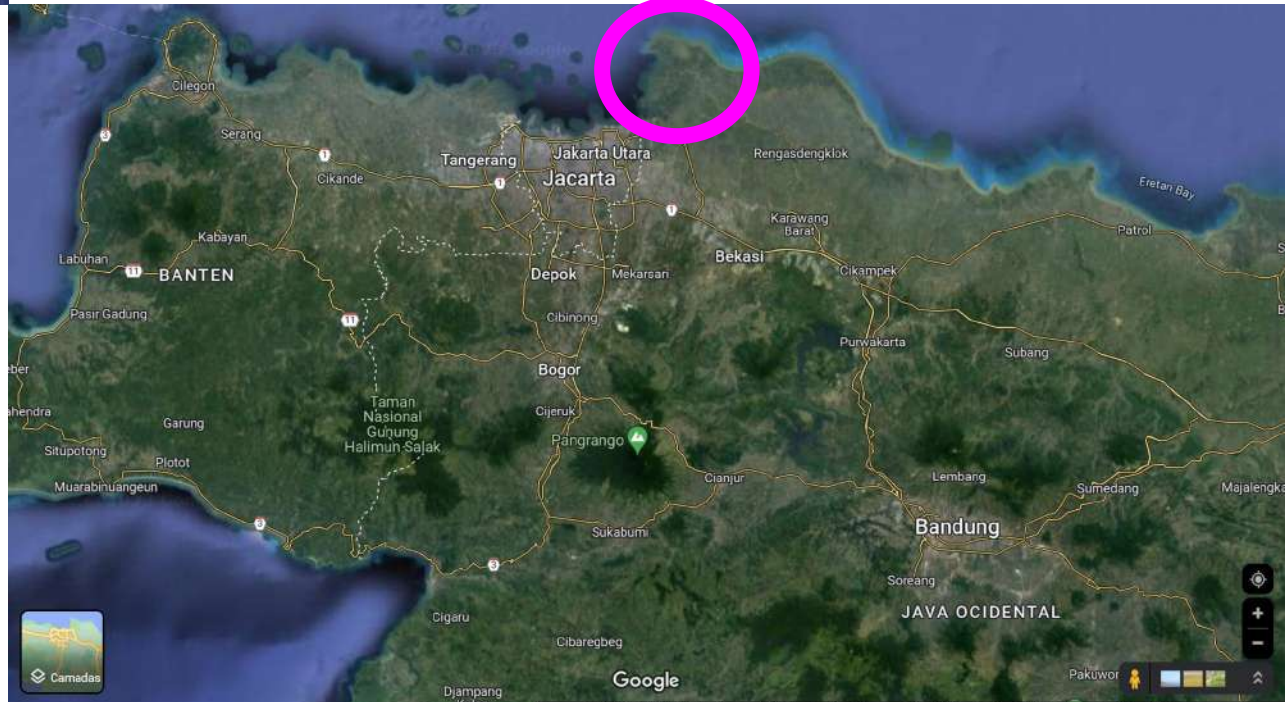








Muaragembong sub-district



1989



1999



2009



2019





2009

1999

252 m

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aquafarms/*tambak*

houses

the river







Urap (assorted local leaves, including mangrove leaves, with coconut flakes)

Sour soup with mangrove leaves and fruit



Sambal (chilli sauce with mangrove fruit to give sour taste)



Pidada concentrated syrup



Pidada drink

Dodol pidada (mangrove fruit sweet cake)





ALAMAT	ICD	PENYAKIT
KP. MUARA PECAH 001/004, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	I10	Essential (primary) hypertension
KP. MUARA PECAH 001/004, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	M51.9	Intervertebral disc disorder, unspecified
KP. MUARA PECAH 001/004, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	M54.3	Sciatica
KP. MUARA BENDERA RT 001/006, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	Z34	Supervision of normal pregnancy
KP. BLUKBUK 007/001, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	G40.9	Epilepsy, unspecified
KP. BLUKBUK 006/001, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	J44.9	Chronic obstructive pulmonary disease, unspecified
KP. BLUKBUK RT 006/001, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	H66.9	Otitis media, unspecified
KP. GOBAH RT 003/003, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	L30.3	Infective dermatitis
KP SOLOKAN KENDAL RT 005/001, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	J45.9	Asthma, unspecified
KP BETING RT 008/006, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	N20.0	Calculus of kidney
KP BETING RT 008/006, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	N20.0	Calculus of kidney
KP. BLUKBUK RT 001/003, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	E11.9	Non-insulin-dependent diabetes mellitus without complications
KP. BLUKBUK RT 001/003, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	E11.9	Non-insulin-dependent diabetes mellitus without complications
KP. BLUKBUK RT 001/003, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	I63.9	Cerebral infarction, unspecified
KP. GOBAH 004/006, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	T75.1	Drowning and nonfatal submersion
KP. MUARA PECAH RT 001/004, PANTAI BAHAGIA, CABANGBUNGIN, BEKASI	I04.1	Acute lymphadenitis of trunk
KP. BETING RT 002/002, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	I10	Essential (primary) hypertension
KP. GOBAH RT 006/006, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	I11.9	Hypertensive heart disease without (congestive) heart failure
KP. GOBAH RT 006/006, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	I11.9	Hypertensive heart disease without (congestive) heart failure
KP. BLUKBUK RT 007/001, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	B86	Scabies
KP. GOBAH RT 006/006, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	I11.9	Hypertensive heart disease without (congestive) heart failure
KP. SOLOKAN KENDAL 004/001, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	K30	Functional dyspepsia
KP. MUARA BENDERA RT 001/006, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	R57.1	Hypovolaemic shock
KP. GOBAH RT 006/006, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	I50.0	Congestive heart failure
KP. GOBAH 006/006, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	T60.9	Toxic effect, pesticide, unspecified
KP. BLUKBUK RT/RW 001/003, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	R10.4	Other and unspecified abdominal pain
KP. MUARA MATI 001/005, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	K30	Functional dyspepsia
KP. GOBAH RT/RW 006/006, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	K30	Functional dyspepsia
KP. MUARA MATI RT/RW 004/005, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	V29	Motorcycle rider injured in other and unspecified transport accidents
KP. BETING 002/002, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	O21.0	Mild hyperemesis gravidarum
KP. BETING 003/002, PANTAI BAHAGIA, MUAREGEMBONG, BEKASI	R50.9	Fever, unspecified
KP. BLUKBUK RT 007/001, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	I84.9	Unspecified haemorrhoids without complication
KP. BLUKBUK RT 007/001, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	K30	Functional dyspepsia
KP BETING JAYA RT 002/002, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	J18.9	Pneumonia, unspecified
KP. BLUKBUK RT 007/001, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	K30	Functional dyspepsia
KP BETING RT 003/002, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	A91	Dengue haemorrhagic fever
KP BETING RT 002/002, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	T14.1	Open wound of unspecified body region
KP BLUKBUK RT 008/001, PANTAI BAHAGIA, -MUARAGEMBONG, BEKASI	I10	Essential (primary) hypertension
KP. GOBAH 006/006, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	R50.9	Fever, unspecified
KP. BETING 005/002, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	I11.9	Hypertensive heart disease without (congestive) heart failure
KP. BIYOMBONG 01/01, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	L01.0	Impetigo [any organism] [any site]
KP. GOBAH 007/006, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	N23	Unspecified renal colic
KP. BIYOMBONG RT 001/001, PANTAI BAHAGIA, MUARAGEMBONG, BEKASI	K92.1	Melaena
KP SOLOKAN KENDAL RT 005/001, PANTAI BAHAGIA, MUARA GEMBONG, BEKASI	R50.9	Fever, unspecified







What is Muaragembong facing?

- Landscape change: mangrove forest deforestation, proliferation of aquafarms;
- Abrasion, sea water intrusion;
- Over-extraction of groundwater, poor water quality;
- Hypertension;
- Disturbed human-nonhuman primates interface



Labtek Apung (Floating Tech-Lab)

Currently exploring the Anthropocenic relations between human health and multispecies cohabitation in three directions:

(1) physicochemical: how salts circulate and interact with other pollutants;

(2) architectural-structural: how built environments facilitate and constrain environmental stressors and contaminants;

(3) aesthetic-experiential: how multisensorial intensities shape the everyday life.

1



Surface water



Pidada fruit and surface water

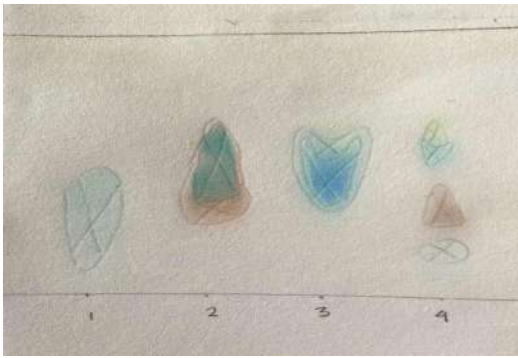


Shrimp

Dodol, surface water, groundwater, and drinking water



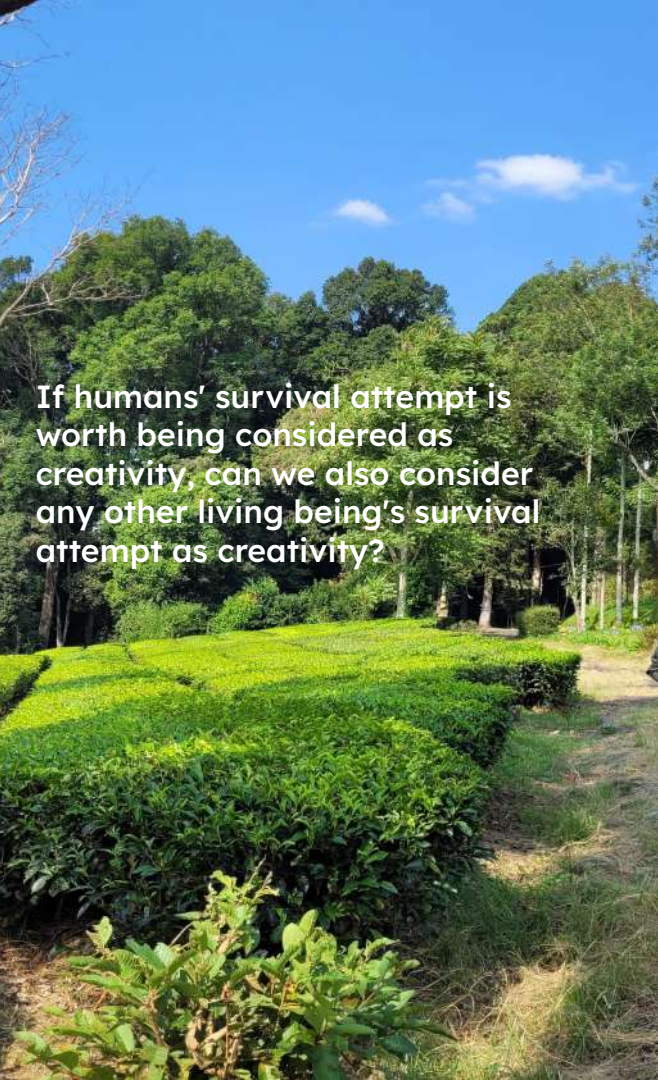
Below The Threshold of National Quality Standard



1

**How do we read
the presence of salt?
What chemical plays role in
intensifying the presence of salt?**





If humans' survival attempt is worth being considered as creativity, can we also consider any other living being's survival attempt as creativity?

2

Art residency plan (2024-...)

Untitled: Sentient Animal Products

**Pantai Bahagia-Gunung Tilu
Multi-sited Transdisciplinary
Project & Residency**

The project takes place in Pantai Bahagia Mangrove Forest in the coastal area of Northern Bekasi and Gunung Tilu Conservation Park in Ciwidey highland, allowing researchers, artists, designers, architects, scientists, and engineers, to synthesize their expertises in updating an understanding of the interrelation within an ecosystem in forms of research research outcomes, design projects, and artistic projects



Environmental Risk Assessment

as material of dialogue with policy makers

		Consequence of failure (COF)					
		People (P)	Asset (A)	Environment (E)	Reputation (R)	Severity rating	
		Slight injury	Minor Injury	Major	Single Fatality	Multiple Fatalities	
		Slight Damage	Minor Damage	Local Damage	Major Damage	Extensive Damage	
		Slight Effect	Minor Effect	Localized Effect	Major Effect	Massive Effect	
		Slight Impact	Local Impact	Industry Impact	National Impact	International Impact	
		1 Negligible	2 Minor	3 Moderate	4 Major	5 Catastrophic	
Probability of failure (POF)	E Very likely to happen	Happens several times per year at location	Moderate	High	High	Very High	Very High
	D Likely to happen	Happens several times per year in company	Low	Moderate	High	High	Very High
	C Possible to happen	Incident has occurred in company	Low	Low	Moderate	High	High
	B Unlikely to happen	Heard of incident in industry	Very Low	Low	Low	Moderate	High
	A Very unlikely to happen	Never heard of in industry	Very Low	Very Low	Low	Low	Moderate

how can our connection continue to:
amplifying the issues we are facing?
supporting each other?



