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### Floods in (post-) New Order Jakarta

*A political ecology of urbanization*

Batubara, B.

#### Publication date

2022

[Link to publication](#)

#### Citation for published version (APA):

Batubara, B. (2022). *Floods in (post-) New Order Jakarta: A political ecology of urbanization*.

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# ANNEXES

## Annex I: List of attended meetings

#	Date	Meeting	Location	Participants
1	January 26, 2016	Discussion on kampungs' community organizer training	Jakarta Legal Aid Foundation's (LBH Jakarta) office	Urban Poor Consortium, LBH Jakarta, Ciliwung Institute, Ciliwung Merdeka
2	January 26, 2016	Community meeting at Kampung Melayu	Ratna's house, Kampung Melayu Kecil 2	Ratna and Gugun
3	January 27, 2016	JRMK Secretariat	Muara Baru, North Jakarta	Member of JRMK, Sebaja (association of becak drivers), UPC
4	January 30, 2016	Community meeting at Kampung Melayu	Ratna's house, Kampung Melayu	5 women from Kampung Melayu, UPC
5	February 5, 2016	Workshop: Designing Kampung Pulo	Ciliwung Merdeka, Jatinegara	Ciliwung Merdeka, Yogyakarta Community Architect (Arkom), Bandung Architecture Sans Frontières/ASF, urban planners
6	February 5, 2016	Community meeting at Kampung Melayu	Kampung Melayu	6 women from Kampung Melayu, UPC
7	February 6, 2016	Workshop: Designing Kampung Pulo	Ciliwung Merdeka, Jatinegara	Ciliwung Merdeka, Yogyakarta Community Architect (Arkom), Bandung Architecture Sans Frontières/ASF, urban planners
8	February 9, 2016	Hearing Bidacara China class action	Central Jakarta Court	Central Jakarta Court

#	Date	Meeting	Location	Participants
9	February 19, 2016	Evaluation meeting of Jakarta Post's journalists live-in programme at Bukit Duri	Ciliwung Merdeka	Ciliwung Merdeka, Jakarta Post, UPC
10	February 21, 2016	Discussion of legal document against DKI government on Jakarta Bay reclamation project	Indonesian Centre for Environmental Law's (ICEL) office, Jl. Dempo 2 no. 21	Indonesian Traditional Fishermen Association (KNTI), LBH Jakarta, Student organization representatives from University of Indonesia, ICEL
11	February 26, 2016	Experts meeting on academic paper of Indonesian Water Law	Bina Desa, Jl. Saleh Abud No. 18-19	An FGD organized by People's Coalition for the Rights to Water (KRuHA)
12	March 2, 2016	Hearing Bidara Cina class action	Central Jakarta Court	People from neighborhood association (RW) 4 of Kampung Bidara Cina
13	March 4, 2016	Meeting at Solidaritas Perempuan/SP's (Women's Solidarity) office for campaign strategy of rejection to land reclamation	Jl Siaga II No, 34	KNTI, SP, LBH Jakarta, ICEL, Students group from Jakarta Islamic University/UIN (Kompak)
14	April 6, 2016	Workshop alternative housing	Ciliwung Merdeka, Bukit Duri	Ciliwung Merdeka, Marco Kusumawidjaja, People from RW 10 and 12 of Bukit Duri
15	April 7, 2016	Bidara Cina class action	Central Jakarta Court	Bidara Cina Law Suit and Anti-reclamation Law Suit by Save Jakarta Bay

#	Date	Meeting	Location	Participants
				Coalition group (The Indonesian Forum for the Environment /WALHI, LBH Jakarta, KNTI, ICEL)
16	April 28, 2016	Fishers community	Mouth of Ciujung River, Banten	Fishers, JJ Rizal, journalists, Sudirman Asun and Andy (Ciliwung Institute)
17	May 30, 2016	Koalisi Selamatkan Teluk Jakarta (Save Jakarta Bay Coalition)	LBH Jakarta	Indonesian Legal Aid Foundation /YLBHI, LBH-Jakarta, KNTI, Traditional Fishermen Association/KNT, University of Indonesia students, representative of fisher folks from Makassar, The Jakarta Post journalist
18	May 13, 2016	Focused Group Discussion (FGD)	Goethe House, Jakarta	Speakers: Muslim Muin, Ph.D, Alan Koropitan, Ph.D., Dr. Herdianto Wahyu Kustiadi, Ir. Bernardus Djonoputro, Prof. Dr. Henny Warsilah DEA, Hendro Sangkoyo, Dra. Francisia Saveria Sika Ery Seda, M.A., Ph.D, Rujak, SP, KNTI, LBH-Jakarta, Walhi.
19	May 25, 2016	Jakarta Pulih 2030	Cilosari 33	Kaka (eco-LAB), Gugun (UPC), Ayu (Tarumanegara University), Sri (Ciliwung Merdeka), Inne (Architect), Musdalifah (resident from Pasar Ikan

#	Date	Meeting	Location	Participants
				Kampong), Elisa (Rujak Centre for Urban Studies/Rujak), Nurhayati (JRMK), Anindita (Rujak), Bram (citizen)
20	Juli 15, 2016	Koalisi Selamatkan Teluk Jakarta	LBH-Jakarta	LBH-Jakarta, KNTI, KNT, Ciliwung Institute, ICEL, SEMAR UI
21	Juli 19, 2016	Court hearing on Bukit Duri case	Central Jakarta District Court	Bukit Duri citizens (around 25 persons)
22	Juli 22, 2016	Bukit Duri People Congress	Bukit Duri	Around 300 people
23	August 2, 2016	Court hearing on Bukit Duri case	Central Jakarta District Court	Around 50 people from Bukit Duri and beyond
24	August 8, 2016	Koalisi Selamatkan Teluk Jakarta	LBH-Jakarta	LBHJ, KNTI, SP, University of Indonesia students
25	November 9, 2016	Both Ends, Amsterdam	Both Ends' office	Both Ends, SOMO, Rachel (Harvard University)
26	May 5, 2017	Ciliwung Merdeka internal meeting	Ciliwung Merdeka, Bukit Duri Tanjakan 66B	Sandy, Vera, Yu Sing, Ivanna, Devil, and Sri
27	May 12, 2017	Forum Kampung Kota (FKK)	Ciliwung Merdeka, Jalan Kebon Pala	More than 30 members of FKK group
28	May 18, 2017	FKK	Apartemen Kalibata	10 persons, mostly students from University of Indonesia, Ami
29	May 23, 2017	Ministry of Maritime Affair	Ministry of Maritime Affair Office	Infrastructure Division coordination meeting

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#	Date	Meeting	Location	Participants
30	June 7, 2017	Ministry of Public Works	Ministry of Public Works office	National Plan Agency (Bappenas), Ministry of Public Works, Ministry of Maritime Affairs, Deltares, Water consultants from South Korea, scientists from Indonesia Institute of Sciences (LIPI).

**Annex II: List of interviews**

#	Name	Time	Location	Purpose	Affiliation
1-100	Urban poor at 5 flood-affected kampongs in Jakarta	May-September 2016	Jalan Tongkol, Kampung Lodan, Rusunawa Waduk Pluit, and Kampung Tebu, and Bukit Duri	To understand place of origin, reason to move to Jakarta	Mostly JRMK/ UPC
101-130	Kedungwringin villagers	September-October 2017	Kedungwringin, Kebumen, Central Java	To understand people's motivation to move to the city	Kedungwringin villagers
131	JJ Rizal	April 26, 2016	Komunitas Bambu Office, Depok	To get know about Batavia and Betawi	Owner of Komunitas Bambu publisher, historian
132	Abdul Kodir	May 16, 2016	Ciliwung Institute office	Ciliwung River	Ciliwung Institute
133	Sudriman Asun	May 16, 2016	Ciliwung Institute office	Ciliwung River	Ciliwung Institute
134	Jan Jaap Brinkman	May 24, 2016	Deltares' room at Ministry of Public Work	To understand Deltares' activities in Jakarta	Deltares
135	Fathin, Juen, and Dika (German, English, and Philosophical Department students at	July 23, 2016	Political Science canteen, Universitas Indonesia, Depok	Students' involvement in Koalisi Selamatkan Teluk Jakarta	Universitas Indonesia

#	Name	Time	Location	Purpose	Affiliation
	the University of Indonesia)				
136	Jan Sopaheluwakan	August 1, 2016	Indonesia Institute of Science (LIPI)'s office in Bogor	Jakarta's groundwater context	LIPI
137	Andika	August 7, 2016	DKI Jakarta Water Agency office	To understand agency's flood, groundwater, and land subsidence monitoring activities	DKI Jakarta Water Agency
138	Neltje Goorden	October 31, 2016	Deltares' office in Delft	To understand Deltares' Jakarta groundwater model	Deltares
139	Gugun Muhammad	May 24, 2017	Kampung Tongkol	To understand history of Kampung Tongkol	UPC
140	Ikhwan Maulani	May 29, 2017; June 9, 2017	DKI Jakarta Industry and Energy Agency Office	To understand agency's groundwater monitoring activities	Engineer at DKI Jakarta Industry and Energy Agency
141	Lambok Hutasoit	June 3, 2017	Geological Engineering Department, Bandung Institute of	To understand land subsidence	ITB



#	Name	Time	Location	Purpose	Affiliation
			Technology (ITB)		
142	Sriprobo Sudarmo and Rambat Sakwan	5 June 2017	World Bank (WB) office, Jakarta	To understand JUFMP	WB officers
143	Peter Letitre	June 6, 2017	Deltares' room at Ministry of Public Work, Jakarta	To understand Deltares' activities in Jakarta	Deltares
144	Mohammad Irfan Saleh	June 21, 2017	Bappenas (Ministry of National Development and Planning) office	About Bappenas' activities in reviewing 2014 NCICD Master Plan	Bappenas
145	Rik	June 21, 2017	Bappenas office	About Bappenas' activities in reviewing 2014 NCICD Master Plan	Triple-A (Bappenas consultant)
146	Erlan Hidayat	June 21, 2017	PAM JAYA office	To understand drinking water supply in Jakarta	PAM Jaya Director
147	Berto Darmo Poedjo	June 15, 2017	Senayan Special Area management office	To understand management of Senayan Special Area	General Manager of Senayan Special Area
148	Darmaji	September 20, 2017	Sempor Dam office	To understand Sempor Dam	Engineer of Sempor Dam
149	Suparno	September 27, 2017	PDAM Kebumen office	To understand how the company get water	PDAM Kebumen director of finance

#	Name	Time	Location	Purpose	Affiliation
150	Tugimin	September 27, 2017	Kedungwringin	To understand Perhutani in Kedungwringin	Perhutani officer at Kedungwringin
151	Candra Musi	October 19, 2017	Perhutani office, Purworejo	To understand Perhutani's activities at Kedungwringin	Perhutani Purworejo
152	Untung	Several times in September-October 2017	Host in Kedungwringin	To understand village's history	Villager
153	Moh Sobirin	January 15th, 2018	WhatsApp and several other conversations	To understand context of cement mining in Central Java	Director of Desantara Foundation
154	Yvonne	Marc 21 2017	Berlin	To understand Central Java peasant protest in Germany	Watch Indonesia
155	Anett Keller	March 22th, 2017	Bremen	To understand Central Java peasant protest in Germany	Watch Indonesia

**Annex III: Semi-structured interview form in Jakarta**

Number/#: \_\_\_\_\_

*Administer informed consent. Only if the subject agrees to participate, then proceed to questionnaire. Fill the blank; √ (tick) proper answer.*

**Section 1: General information**

Date of interview (dd/mm/yyyy)		
Address		
Location (describe the location, if re-visit is needed)		
Name		
Place and date of birth		
Sex	<input type="checkbox"/> Female	<input type="checkbox"/> Male
Job		
Income (IDR)		
This house is	<input type="checkbox"/> Owner:	(if possible look the document)

	<input type="checkbox"/> Rent; Rp. _____ month/year. Owner:		
Type of house	<input type="checkbox"/> Permanent	<input type="checkbox"/> Semi-permanent	<input type="checkbox"/> Other:
Number of family member living in this house	<input type="checkbox"/> Single family : _____ person <input type="checkbox"/> Multiple family: _____ families of _____ person		
What is the highest level of education of person in this house?	<input type="checkbox"/> None <input type="checkbox"/> Elementary school <input type="checkbox"/> Junior high school <input type="checkbox"/> Senior high school <input type="checkbox"/> University <input type="checkbox"/> Other: _____		
Who own that highest level of education?	<input type="checkbox"/> Father <input type="checkbox"/> Mother <input type="checkbox"/> Kid <input type="checkbox"/> Other: _____		
Land claim	<input type="checkbox"/> legal housing area with land claim of: _____ <input type="checkbox"/> No land claim		
Are you living in this house permanently?	<input type="checkbox"/> No, where else do you live: _____ <input type="checkbox"/> Yes		

**Section 2: Mobility**

How long have you been living in this house/area	Month/year
Where did you live before?	
What is your hometown?	
What is your parents' hometown? (If respondent came from outside Jakarta, continue to the next question)	
When you or your parents move to Jakarta?	
Why you or your parents move to Jakarta?	<input type="checkbox"/> Looking for job <input type="checkbox"/> To advance education <input type="checkbox"/> Following family <input type="checkbox"/> Other: _____
How much land (rice field and moor) did you or your parents had before move to Jakarta (in hectare)?	<input type="checkbox"/> None <input type="checkbox"/> 0.1-0,5 <input type="checkbox"/> 0,5-1 <input type="checkbox"/> 1-2 <input type="checkbox"/> 2 +

**Annex IV: Semi-structured interview form in Kedungwringin**

Number/#: \_\_\_\_\_

*Administer informed consent. Only if the subject agrees to participate, then proceed to questionnaire. Fill the blank; ✓ (tick) proper answer.*

**Section 1: General information**

Time of interview (dd/mm/yyyy)		
Village	Kedungwringin	
Hamlet		
Neighborhood		
Sub-neighborhood		
Name		
Place and date of birth		
Sex	<input type="checkbox"/> Female	<input type="checkbox"/> Male
This house	<input type="checkbox"/> Total area of land: <input type="checkbox"/> Total area of house: <input type="checkbox"/> Type of land claim and and owner name:	
Family member	How may person? (Name, sex, age, job, and education level)	

**Section 2: Mobility of the interviewee**

Education (when, what level, and where)	
Mobility/ <i>merantau</i> (where, when, and job)	
Live (when and where)	

**Section 3: Land owned by the household**

Rice field (total area, type, and the written owner on the land claim)	
Moor/ <i>tegalan</i> (total area, type, and the written owner on the land claim)	

**Annex V: List of presentations**

#	Organizer/conference	Time	Place	Topic
1	University of Amsterdam/UvA (PhD days)	19 June 2015	UvA	Managing Floods in Jakarta: Urbanizing people, water, and city
2	CERES Research School for International Development (PhD course)	15 July 2015	CERES	Post-authoritarian socionatural dynamics of flood governance in Jakarta: Urbanizing people, water, and city
3	IHE-Delft, Institute for Water Education/IHE-Delft (PhD Symposium)	28 September 2015	IHE-Delft	Urbanizing people, water and city: A political ecology of urbanization study on floods governance in Jakarta
4	IHE-Delft (PhD proposal defense)	15 December 2015	IHE-Delft	“Uneven Development”: politicizing flood events, urbanizing infrastructural interventions and connecting splintered social movement in (post-) New Order Indonesia
5	Indonesia Institute of Sciences (LIPI)	7 June 2016	LIPI’s building, Jakarta	Uneven Development: Politicizing flood events and urbanizing infrastructural interventions in (post-) New Order Jakarta
6	University of Paramida	8 June 2016	University of Paramadina, Jakarta	<i>Pertanyaan-pertanyaan untuk NCICD</i>  (Questions for NCICD)



#	Organizer/conference	Time	Place	Topic
7	Epistema Institute	13 July 2016	Epistema Institute's office, Jakarta	<i>Politik Ekologi Urbanisasi: Menghubungkan banjir Jakarta dengan perubahan agrarian dan industri ekstraktif di Indonesia</i>
8	Wageningen University & Research Centre and School of Oriental and African Studies (SOAS), University of London. International Conference on Political Ecologies of Conflict, Capitalism and Contestation: On the meaning of nature of contested 21st century political ecologies.	7 – 9 July 2016	Wageningen	Operationalizing a Political Ecology of Urbanization: Floods in Jakarta (with Michelle Kooy and Margreet Zwartveen).
9	STF Driyarkara	29 August 2016	STF Driyarkara, Jakarta	<i>Pertanyaan-pertanyaan untuk NCICD</i> (Questions for NCICD)
10	Both Ends	9 November 2016	Both Ends' office, Amsterdam	Jakarta's flood infrastructure
11	IHE-Delft (2 <sup>nd</sup> year report)	22 December 2016	IHE-Delft	“Uneven Development”: politicizing flood events and urbanizing infrastructural interventions in (post-) New Order Indonesia

#	Organizer/conference	Time	Place	Topic
12	Indonesian Coordinating Ministry of Maritime Affairs	23 Mei 2017	Ministry's office, Jakarta	<i>Penurunan Tanah Jakarta: Disebabkan oleh ekstraksi air tanah atau pembebanan bangunan?</i>  (Jakarta's Land Subsidence: caused by groundwater extraction or weight of buildings?)
13	Alliance for Saving Nature (ARuPA)	15 November 2017	ARuPA's office, Yogyakarta	Uneven Urbanization: Politicizing flood events and infrastructures in (Post-) New Order Jakarta
14	Rujak Center for Urban Studies	17 November 2017	Rujak's office, Jakarta	The Spiral of Socioecological Crisis and Fix: Land Subsidence & Flood Infrastructure in Jakarta
15	IHE-Delft (3 <sup>rd</sup> year evaluation)	15 January 2018	IHE-Delft	Uneven Urbanization: Floods, infrastructure and resistances in (post-) New Order Indonesia
16	Interuniversity Programme in Water Resources Engineering/IUPWARE (alumni event)	26 February -1 March 2018	Cuenca, Ecuador.	The sinking Jakarta: The socioecological crisis of land subsidence and the flood infrastructure fix
17	IHE-Delft (PhD Symposium)	1 October 2018	IHE-Delft	The crisis of urbanization: Overproduction-

#	Organizer/conference	Time	Place	Topic
				underproduction in the sinking Jakarta
18	SENSE Research School (PhD course)	18 October 2018	Hostel Soest	Uneven urbanization: Connecting flows of water to flows of labour and capital through Jakarta's flood infrastructure
19	Water Management Team (Tim Tata Kelola Air) of DKI Jakarta Provincial Government	6 December 2018	DKI Jakarta Government office	Land subsidence, groundwater extraction and flooding in Jakarta
20	The Journal of Peasant Studies Scholar-Activist Workshop-Writeshop	1-7 July, 2019	China Agricultural University, Beijing	Situated urbanization: the country and the city in the (post-) New Order Indonesia. With Michelle Kooy, Yves van Lyenseele, Margreet Zwarteveen, and Ari Ujianto.
21	Rujak Center for Urban Studies	18 April 2020	Online Rujak and Antipode Urbanist School	Near-South Urbanization: Connecting urban eviction to rural land dispossession in (post-) New Order Indonesia
22	UvA (PhD Day)	9 June 2020	Online	Near-South Urbanization: Flows of People, water and capital in and beyond (post-) New Order Jakarta
23	Coastal People Assembly	3 September 2020	Webinar	Urbanization fix: Capital accumulation through Jakarta's flood infrastructure

#	Organizer/conference	Time	Place	Topic
24	LBH Jakarta	12 October 2020	Online Focused Group Discussion	<i>Tata Kelola Banjir Jakarta</i> (Jakarta's flood governance)
25	IHE-Delft, Institute for Water Education	12 November 2020	Online Water Management and Governance Course (Case Study: Jakarta)	Jakarta's urbanization: flows of people, land conversion, and infrastructure development
26	DKI Jakarta Governor's Team for Accelerated Development (TGUPP)	21 November 2020	Webinar	Jakarta's urbanization: flows of people, land conversion, and infrastructure development
27	Mongabay	12 March 2021	<i>Youtube</i> Podcast	Jakarta's flood
28	International Relations Department, Gadjah Mada University	22 April 2021	<i>Youtube</i> Podcast	Indonesia's urban flood governance
29	Conference on People, Power, Politics, Pandemics, and Other Perils in Southeast Asia. Organized by Canadian Council fo Southeast Asian Studies	21-24 October 2021.	Zoom	Extended agrarian questions in concessionary capitalism: The ' <i>Kaum Miskin Kota</i> ' Jakarta; with Noer Fauzi Rachman.