

Article title: Assessment of a small island's groundwater resilience under the pressure of anthropogenic and natural stresses on Tunda Island, Indonesia

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Author names: T Solihuddin, J Prihantono, A Daulat, R Bramawanto, J Risandi, TL Kepel, A Heriati, E Mustikasari

Affiliation and email address of the corresponding author: Research Center for Climate and Atmosphere, National Research and Innovation Agency (BRIN), Bandung 40173, Indonesia. E-mail: tubagus.solihuddin@brin.go.id

Supplementary 1. Water Quality Ambient for a) hygiene sanitation based on the Minister of Health Decree, the Republic of Indonesia No. 32 Years 2017, regarding the quality standard of environmental health and water quality requirements for hygiene sanitation purposes; b) potable water based on the Minister of Health Decree, the Republic of Indonesia No. 492 Years 2010 regarding requirements for Potable Water purposes; c) Seawater Quality Ambient for Marine Eco-tourism (MEt), and Seawater Biota (SB) based on the Minister of Environment and Forestry, the Republic of Indonesia No. 51 Years 2004.

No	Compulsory Parameter	Unit	Quality Ambient (Maximum value)		
			a	b	c
<i>Physical parameters</i>					
1.	Turbidity	NTU	25	5	<5 / <5
2.	Temperature	°C	± 3	± 3	Natural ±2 / Natural ±2
3.	Taste	-	No taste	No taste	Not determined
4.	Smell	-	No smell	No smell	No smell
5.	Clarity	m	Not determined	Not determined	>6 / >3 (seagrass), >5 (coral)
<i>Chemical Parameters</i>					
1.	pH		6.5 – 8.5	6.5 – 8.5	7 – 8.5 ±0.2
2.	Salinity	%	Not determined	Not determined	Natural ± 5% seasonal average
<i>Biological Parameters</i>					
1.	Total Coliform	CFU/100ml / MPN/100ml	50	0	1,000 (until <10% seasonal average)
2.	E. coli	CFU/100ml	0	0	200 (until <10% seasonal average)