

DAFTAR PUSTAKA

- Adil, A., & Kom, S. 2017. Sistem Informasi Geografis. Penerbit Andi : Yogyakarta
- Anderson, J. R. 1976. A land use and land cover classification system for use with remote sensor data (Vol. 964). US Government Printing Office.
- Anggraeni, D., Fauzi, M. N., & Ngesti H., C. N. 2019. Pemetaan Sebaran Padang Lamun Menggunakan Citra Satelit Landsat 8 Di Kepulauan Tanimbar Kabupaten Maluku Tenggara Barat Provinsi Maluku. Seminar Nasional Geomatika, 3, 871.
- Amri, K. 2012. Sinekologi Padang Lamun Akibat Tekanan Antropogenik: Studi Kasus Pada Pulau Barranglompo Dan Bonebatang Kepulauan Spermonde Sulawesi Selatan. Disertasi. Sekolah Pascasarjana. Institut Pertanian Bogor. Bogor.
- Arief, A. A., Agusanty, H., Mustafa, M. D., & Kasri, K. 2021. Kepercayaan dan Pamali Nelayan Pulau Kambuno di Sulawesi Selatan. *Satwika : Kajian Ilmu Budaya dan Perubahan Sosial*, 5(1), 56–68.
- Aronoff, S. 1989. Geographic information systems: A management perspective. *Geocarto International*, 4(4), 58–58.
- Bengen, D. G. 2001. Sinopsis ekosistem dan sumberdaya alam pesisir dan laut. Pusat Kajian Sumberdaya dan Laut, IPB. Bogor.
- Brower, J. E., Zar, J. H., & Von Ende Carl, N. 1997. Field and Laboratory methods for General Ecology (hal. 288).
- Burhanuddin, A. . 2019. Biologi Kelautan. Lily Publisher : Yogyakarta
- Chavez Jr, P. S. 1988. An Improved Dark-Object Substraction Technique For Atmospheric Scattering Correction Of Multispektral Data. *Remote Sensing Of Environment*, 24(3), 459-479
- Den Hartog, C. 1970. The sea-grasses of the world. North-Holland, Amsterdam.
- English, S., Wilkinson, C., & Baker, V. 1997. Survey manual for tropical marine resources (Nomor 333.952 S9).
- Erftemeijer, P.L.A. 1992. Factor Limitting Growth and Production of Tropical Seagrasses: Nutrient Dynamic in Indonesian Seagrass Beds (Buginesia IV) for LIPI and WOTRO, Ujung Pandang.
- Feryatun, Fiki, Boedi Hendranto, Niniek Widyorini (2012). Kerapatan Dan Distribusi Lamun (Seagrass) Berdasarkan Zona Kegiatan Yang Berbeda Di Perairan Pulau Pramuka, Kepulauan Seribu. *Jurnal Of Management Of Acuatic Resources*. 1(II): 1-7
- Green, E. P., Short, F. T., & Frederick, T. 2003. World atlas of seagrasses. Univ of California Press. Amerika
- Hedley, J. D., Harborne, A. R., & Mumby, P. J. 2005. Simple and robust removal of sun

- glint for mapping shallow-water benthos. *International Journal of Remote Sensing*, 26(10), 2107–2112.
- Hernawan, U. E., NDM, S., IH, S., Suyarso, MY, I., K, A., & Rahmat. 2017. COREMAP-CTI Pusat Penelitian Oseanografi – LIPI. In *Status Padang Lamun Indonesia 2017*. Puslit Oseanografi - LIPI.
- Hutabarat, S., & Evans, S. M. 1985. *Pengantar Oseanografi*. Penerbit Universitas Indonesia (UI-Press)
- Hutomo, M. 1985. Telaah Ekologik Komunitas Ikan Pada Lamun (Seagrass, Anthophyta) Di Perairan Teluk Banten
- Indarto. 2014. *Teori dan Praktek Penginderaan Jauh*. Yogyakarta: Penerbit Andi
- Khairunnisa, T., Yulianda, F., & Kurnia, R. 2019. Dinamika Temporal Komunitas Lamun Pada Musim Kemarau Di Intertidal Madasanger, Kabupaten Sumbawa Barat. *Jurnal Ilmu dan Teknologi Kelautan Tropis*, 11(2), 263–271.
- Lillesand, T. M., Kiefer, R. W., Dulbahri, Suharsono, P., Hartono, Suharyadi, & Sutanto. 1993. *Penginderaan jauh dan interpretasi citra*. Gadjah Mada University.
- Lyzenga, D. R. 1978. Passive remote sensing techniques for mapping water depth and bottom features. *Applied optics*, 17(3), 379–383.
- Mashoreng, S., Nafie, Y. A. L., Selamat, B., Isyrini, R., & Amri, K. 2021. Changes in seagrass carbon stock: Implications of decreasing area and percentage cover of seagrass beds in Barranglompo Island, Spermonde archipelago, South Sulawesi, Indonesia. *IOP Conference Series: Earth and Environmental Science*, 763(1).
- Palilu, N. R., Sirajuddin, H., Suriamihardja, D. A., Palilu, N. R., Sirajuddin, H., & Suriamihardja, D. A. 2013. Pantai Delta Muara Sungai Saddang Analyzed Spatial and Quarter Longshore Sediment Transports Along the Coastline of Estuary Delta of Saddang River in the Period of 1983-2013.
- Pamungkas, M. W. T. 2016. Studi Perubahan Habitat Padang Lamun Berdasarkan Kualitas Perairan Menggunakan Citra Landsat 8 (Studi Kasus: Pantai Sanur, Bali). 8, 105.
- Philips, C. R., & Meñez, E. G. 1988. *Seagrass*. Washington DC: Smith Sonian. Institutions Press.
- Pragunanti, T. 2016. Pemanfaatan citra landsat 8 untuk memetakan kondisi tutupan padang lamun hubungannya dengan tekstur sedimen dipulau pajenekang kabupaten pangkep. Universitas Hasanuddin Makassar.
- Prahasta, E. 2001. *Konsep-Konsep Dasar Sistem Informasi Geografis*. Infomatika : Bandung
- Priosambodo, D. 2007. Sebaran Jenis-Jenis Lamun di Sulawesi Selatan. Vol. 8 No., 8–17.

- Rahmawati, S., Irawan, A., Supriyadi, I. H., & Azkab, M. H. 2014. Panduan monitoring padang lamun. Bogor: COREMAP-CTI Lembaga Ilmu Pengetahuan Indonesia. Retrieved from coremap
- Wicaksono S. G., W. Widianingsih, And S. T. Hartati, "Struktur Vegetasi Dan Kerapatan Jenis Lamun Di Perairan Kepualuan Karimunjawa Kabupaten Jepara. *Journal Of Marine Research*, 1(2), 1-7
- Sabins Jr, F. F. 1986. *Remote Sensing: Principles And Interpretation*. Chevron Oil Field Research Co.
- Sari, D. P., & Lubis, M. Z. 2017. Pemanfaatan Citra Landsat 8 Untuk Memetakan Persebaran Lamun Di Wilayah Pesisir Pulau Batam. *Enggano*, 2(4), 39–45.
- Short, F. T., & Neckles, H. A. 1999. The effects of global climate change on seagrasses. *Aquatic Botany*, 63(3–4), 169–196.
- Sjafrie, N. D. M., Hernawan, U. E., Prayudha, B., Rahmat, Supriyadi, I. H., Iswari, M. Y., Suyarso, Anggraini, K., & Rahmawati, S. 2018. Status Padang Lamun. In *Pusat Penelitian Oseanografi-LIPI (Vol. 53, Nomor 9)*.
- Spoto, F., Martimort, P., & Drusch, M. 2012. Sentinel - 2: ESA's optical high-resolution mission for GMES operational services. In *European Space Agency, (Special Publication) ESA SP: Vol. 707 SP (Nomor March 2015)*.
- Surya N. Syaiful, Muhammad Helmi dan Sugeng Widada, Rikha Widiaratih, P. S., & Suryoputro, A. A. D. 2019. Analisis Digital Citra Satelit Worldview-2 untuk Ekstraksi Kedalaman Perairan Laut di Sebagian Perairan Pulau Parang, Kepulauan Karimunjawa, Provinsi Jawa Tengah. *Indonesian Journal of Oceanography*, Vol 01 No:, 6–11.
- Tomascik, T. 1997. *The ecology of the Indonesian seas*. Oxford University Press. England

LAMPIRAN

Lampiran 1

A. Parameter Oseanografi

Stasiun	Suhu (°C)	Salinitas (‰)	Kekeruhan
1	28	32	2.50
2	30	35	2.65
3	29	35	0.00
4	30	34	0.00

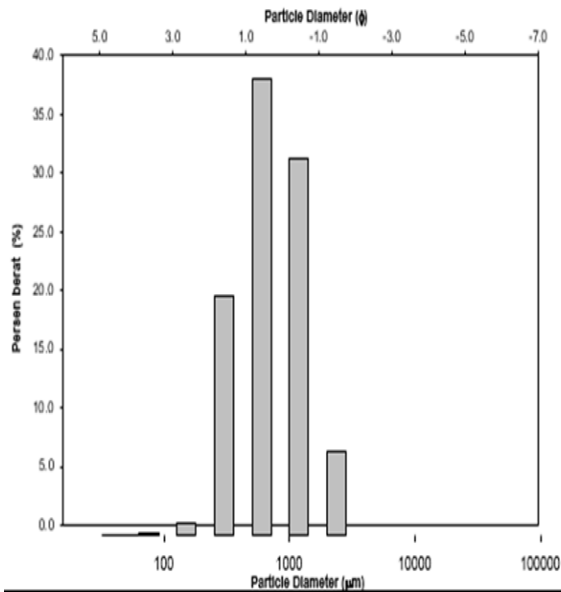
B. Analisis Ukuran Butir Sedimen

Stasiun 1

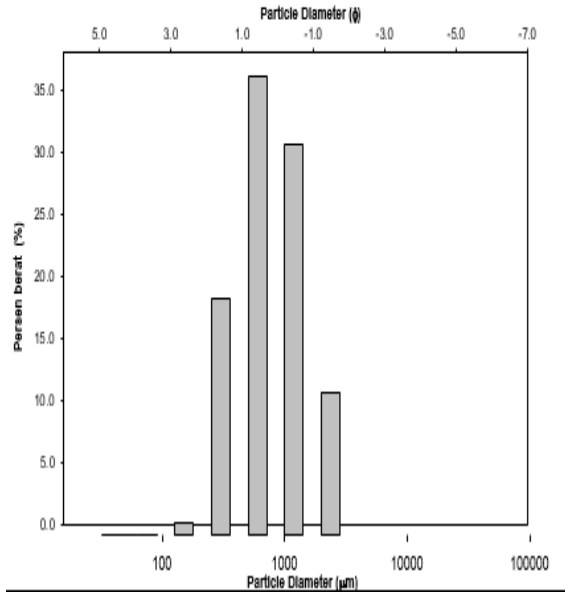
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic	Description	
	μm	μm	φ	μm	φ	
MEAN (μ)	847.7	689.5	0.536	638.5	0.647	Coarse Sand
SORTING (σ)	547.5	1.872	0.905	1.945	0.960	Moderately Sorted
SKEWNESS (SK)	1.409	-0.069	0.069	0.081	-0.081	Symmetrical
KURTOSIS (K')	4.840	2.783	2.783	1.069	1.069	Mesokurtic

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic	Description	
	μm	μm	φ	μm	φ	
MEAN (μ)	924.3	737.9	0.439	658.7	0.602	Coarse Sand
SORTING (σ)	622.0	1.925	0.945	1.980	0.986	Moderately Sorted
SKEWNESS (SK)	1.251	0.024	-0.024	0.091	-0.091	Symmetrical
KURTOSIS (K')	3.799	2.431	2.431	1.076	1.076	Mesokurtic

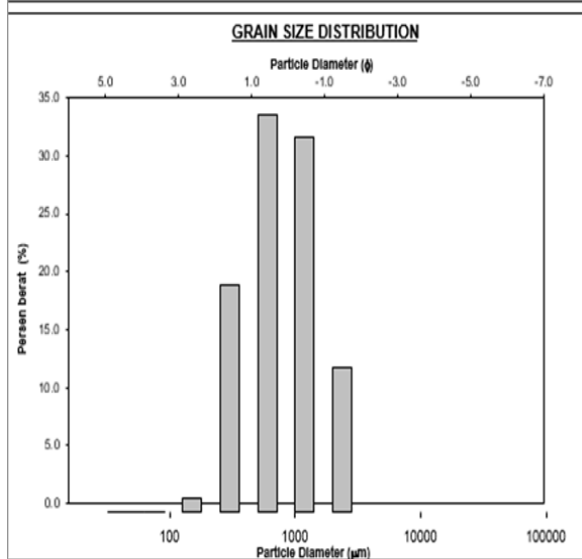
GRAIN SIZE DISTRIBUTION



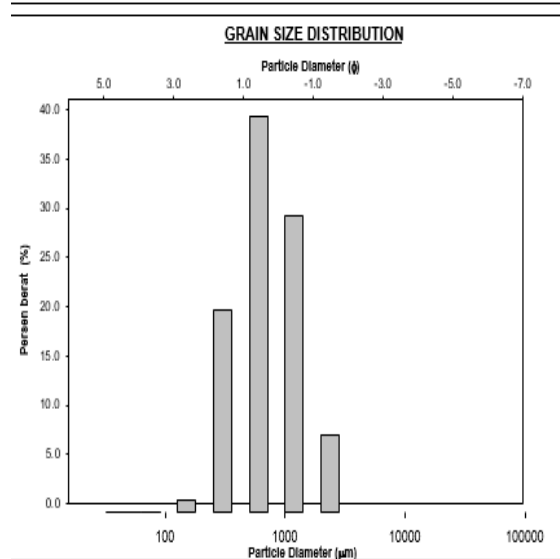
GRAIN SIZE DISTRIBUTION



	METHOD OF MOMENTS			FOLK & VARD METHOD		Description
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic		
	μ	μ	ϕ	μ	ϕ	
MEAN (\bar{x})	945.3	748.0	0.419	661.9	0.595	Coarse Sand
SORTING (σ)	640.4	1959	0.970	1.997	0.998	Moderately Sorted
SKEWNESS (S_k)	1.170	-0.014	0.014	0.078	-0.078	Symmetrical
KURTOSIS (K')	3.518	2.340	2.340	1.060	1.060	Mesokurtic

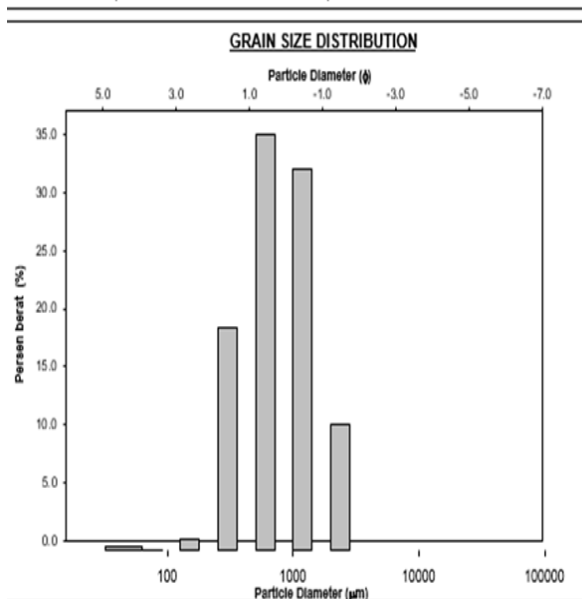


	METHOD OF MOMENTS			FOLK & VARD METHOD		Description
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic		
	μ	μ	ϕ	μ	ϕ	
MEAN (\bar{x})	848.1	687.8	0.540	537.0	0.651	Coarse Sand
SORTING (σ)	560.8	1.868	0.901	1.952	0.965	Moderately Sorted
SKEWNESS (S_k)	1.453	0.074	-0.074	0.096	-0.096	Symmetrical
KURTOSIS (K')	4.796	2.541	2.541	1.086	1.086	Mesokurtic

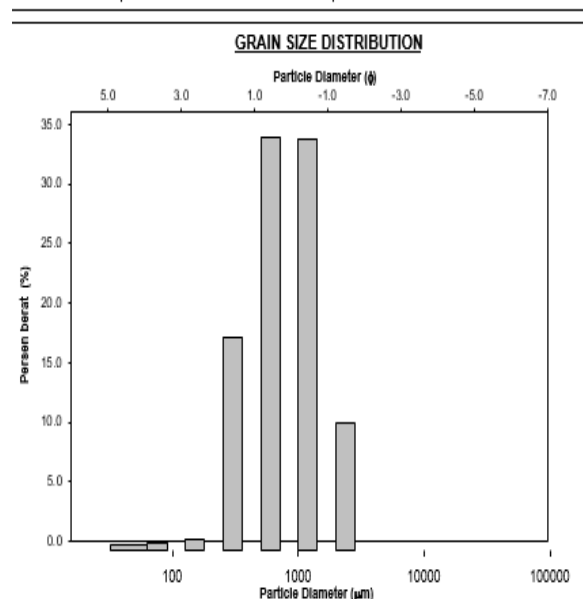


Stasiun 2

	METHOD OF MOMENTS			FOLK & VARD METHOD		Description
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic		
	μ	μ	ϕ	μ	ϕ	
MEAN (\bar{x})	916.9	725.9	0.462	655.8	0.609	Coarse Sand
SORTING (σ)	614.7	1.985	0.989	1.984	0.989	Moderately Sorted
SKEWNESS (S_k)	1.232	-0.351	0.351	0.077	-0.077	Symmetrical
KURTOSIS (K')	3.861	3.644	3.644	1.072	1.072	Mesokurtic

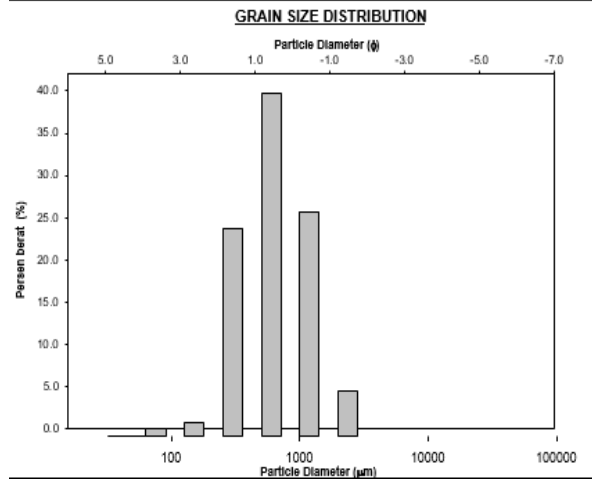
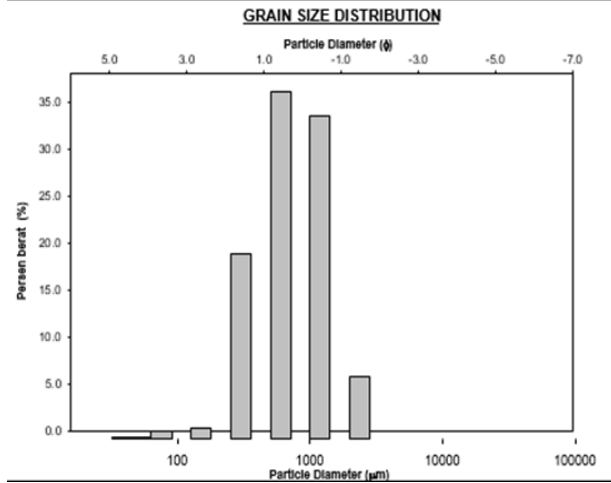


	METHOD OF MOMENTS			FOLK & VARD METHOD		Description
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic		
	μ	μ	ϕ	μ	ϕ	
MEAN (\bar{x})	925.2	725.8	0.462	659.7	0.600	Coarse Sand
SORTING (σ)	615.1	2.053	1.037	1.988	0.991	Moderately Sorted
SKEWNESS (S_k)	1.175	-0.644	0.644	0.060	-0.060	Symmetrical
KURTOSIS (K')	3.790	4.281	4.281	1.075	1.075	Mesokurtic



	METHOD OF MOMENTS			FOLK & WARD METHOD		Description
	Arithmetic μ	Geometric μ	Logarithmic ϕ	Geometric_logarithmic μ	ϕ	
MEAN (\bar{x}) :	845.3	681.0	0.554	638.3	0.648	Coarse Sand
SORTING (σ) :	5415	1.953	0.966	1.950	0.964	Moderately Sorted
SKEWNESS (α) :	1.319	-0.509	0.509	0.058	-0.058	Symmetrical
KURTOSIS (λ') :	4.755	3.871	3.871	1.056	1.056	Mesokurtic

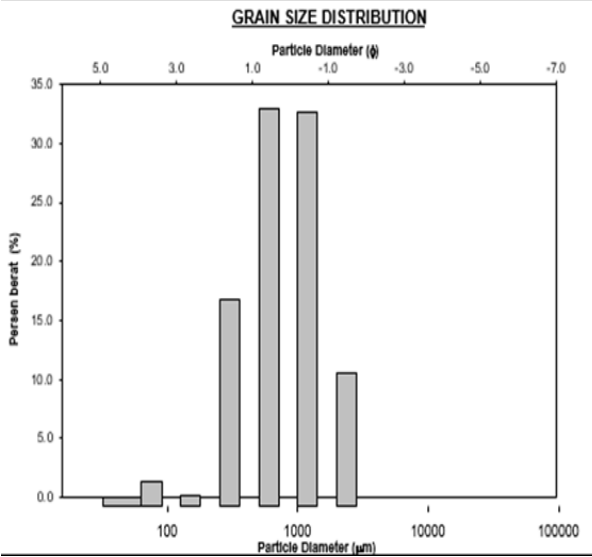
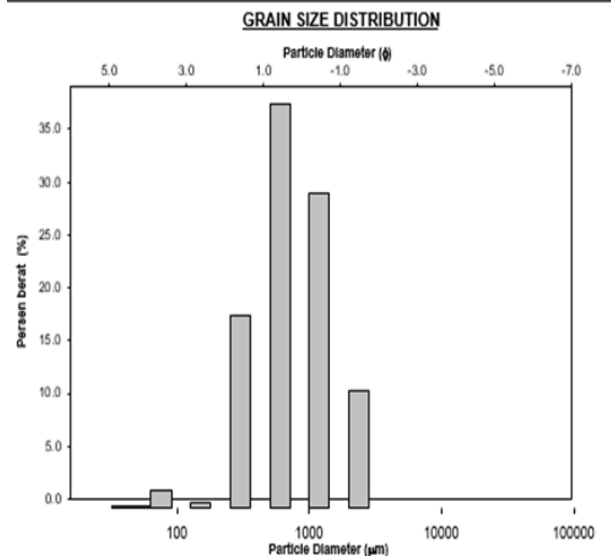
	METHOD OF MOMENTS			FOLK & WARD METHOD		Description
	Arithmetic μ	Geometric μ	Logarithmic ϕ	Geometric_logarithmic μ	ϕ	
MEAN (\bar{x}) :	765.6	614.5	0.702	605.4	0.724	Coarse Sand
SORTING (σ) :	516.3	1.922	0.943	1.940	0.956	Moderately Sorted
SKEWNESS (α) :	1.594	-0.223	0.223	0.089	-0.089	Symmetrical
KURTOSIS (λ') :	5.706	3.500	3.500	0.735	0.735	Platykurtic



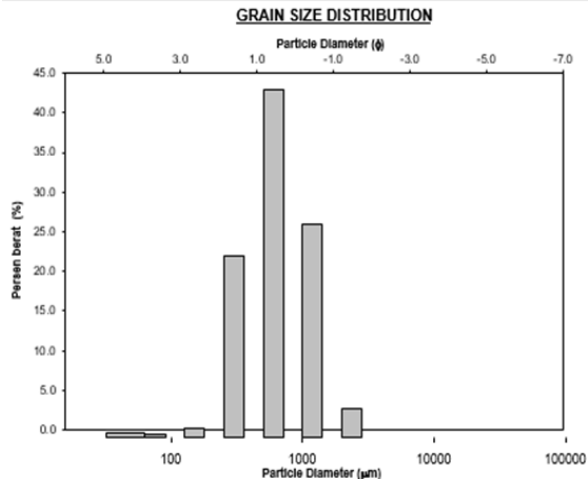
Stasiun 2

	METHOD OF MOMENTS			FOLK & WARD METHOD		Description
	Arithmetic μ	Geometric μ	Logarithmic ϕ	Geometric_logarithmic μ	ϕ	
MEAN (\bar{x}) :	901.8	700.6	0.513	649.3	0.623	Coarse Sand
SORTING (σ) :	624.8	2.068	1.048	1.995	0.996	Moderately Sorted
SKEWNESS (α) :	1.265	-0.529	0.529	0.092	-0.092	Symmetrical
KURTOSIS (λ') :	3.881	4.008	4.008	1.093	1.093	Mesokurtic

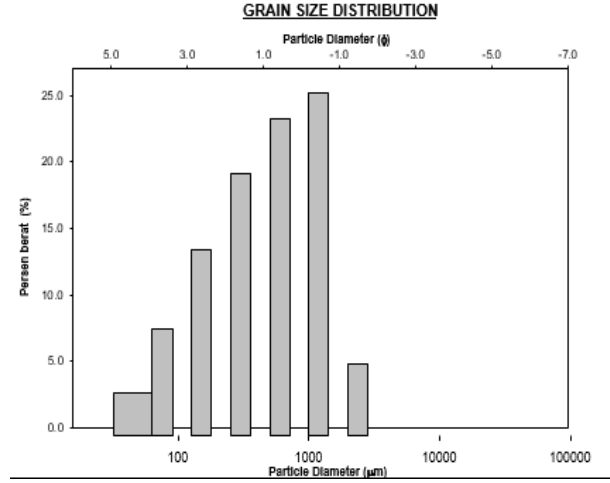
	METHOD OF MOMENTS			FOLK & WARD METHOD		Description
	Arithmetic μ	Geometric μ	Logarithmic ϕ	Geometric_logarithmic μ	ϕ	
MEAN (\bar{x}) :	914.6	689.8	0.536	649.4	0.623	Coarse Sand
SORTING (σ) :	633.2	2.241	1.164	2.025	1.018	Poorly Sorted
SKEWNESS (α) :	1.128	-0.895	0.895	0.048	-0.048	Symmetrical
KURTOSIS (λ') :	3.648	4.463	4.463	1.078	1.078	Mesokurtic



	METHOD OF MOMENTS			FOLK & WARD METHOD		Description
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic		
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}) :	739.4	539.0	0.739	602.8	0.730	Coarse Sand
SORTING (σ) :	470.1	1342	0.958	1.815	0.860	Moderately Sorted
SKEWNESS (S_k) :	1.575	-0.753	0.753	-0.011	0.011	Symmetrical
KURTOSIS (K') :	6.211	5.160	5.160	0.617	0.617	Very Platykurtic

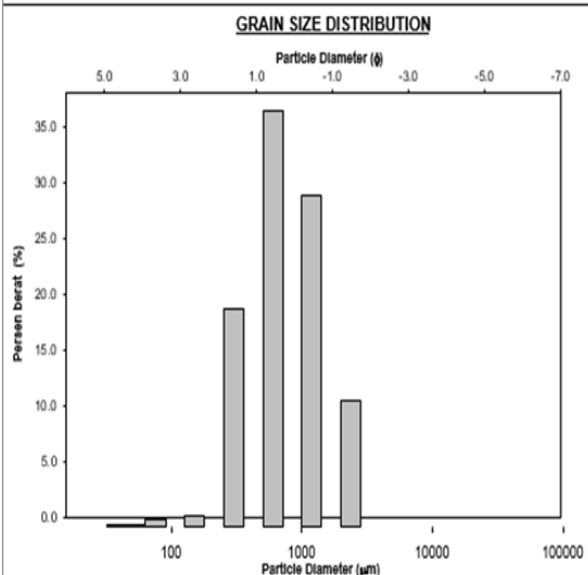


	METHOD OF MOMENTS			FOLK & WARD METHOD		Description
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic		
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}) :	642.2	393.8	1.345	434.8	1.201	Medium Sand
SORTING (σ) :	579.9	2.319	1.545	2.392	1.581	Poorly Sorted
SKEWNESS (S_k) :	1.371	-0.390	0.390	-0.243	0.243	Fine Skewed
KURTOSIS (K') :	4.745	2.244	2.244	0.790	0.790	Platykurtic

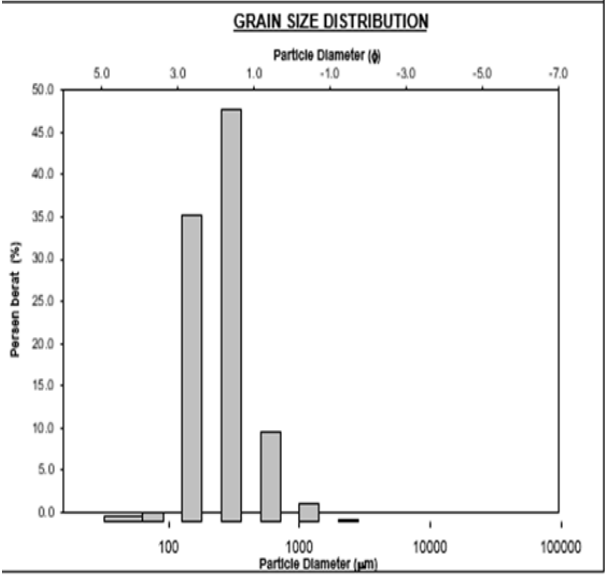


Stasiun 4

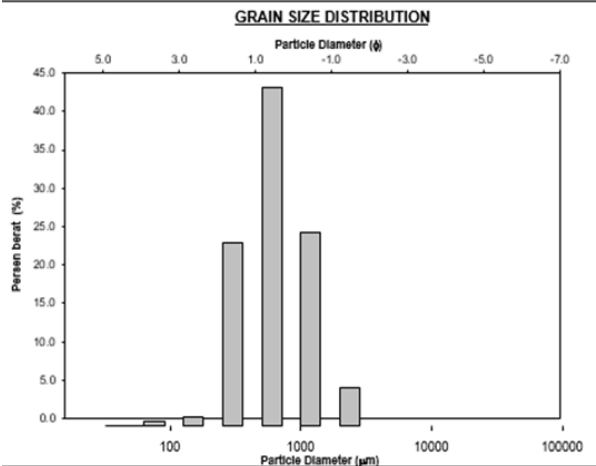
	METHOD OF MOMENTS			FOLK & WARD METHOD		Description
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic		
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}) :	903.6	705.3	0.504	648.0	0.626	Coarse Sand
SORTING (σ) :	627.3	2.032	1.023	1.998	0.998	Moderately Sorted
SKEWNESS (S_k) :	1.266	-0.373	0.373	0.094	-0.094	Symmetrical
KURTOSIS (K') :	3.844	3.704	3.704	1.080	1.080	Mesokurtic



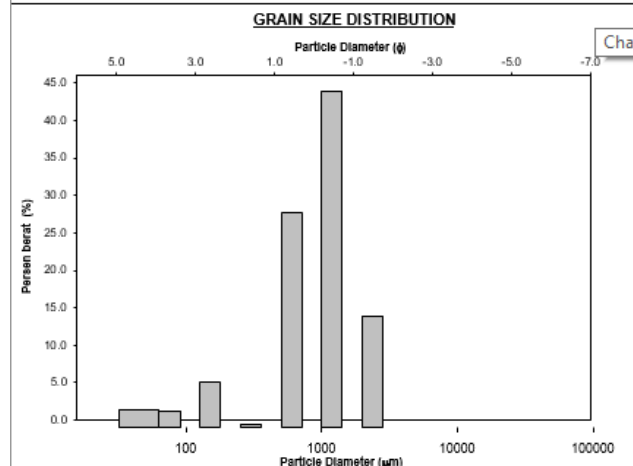
	METHOD OF MOMENTS			FOLK & WARD METHOD		Description
	Arithmetic	Geometric	Logarithmic	Geometric_logarithmic		
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}) :	297.5	246.7	2.019	237.3	2.075	Fine Sand
SORTING (σ) :	223.8	1.750	0.807	1.596	0.675	Moderately Well Sorted
SKEWNESS (S_k) :	4.186	0.318	-0.318	-0.178	0.178	Fine Skewed
KURTOSIS (K') :	31.33	4.464	4.464	0.909	0.909	Mesokurtic



	METHOD OF MOMENTS			FOLK & VARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	µm	µm	φ	µm	φ	
MEAN (M) :	754.9	617.0	0.637	805.4	0.724	Coarse Sand
SORTING (σ) :	497.3	1847	0.885	1814	0.859	Moderately Sorted
SKEWNESS (Sk) :	1.700	-0.041	0.041	0.005	-0.005	Symmetrical
KURTOSIS (Ak) :	6.200	3.258	3.258	0.619	0.619	Very Platykurtic



	METHOD OF MOMENTS			FOLK & VARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	µm	µm	φ	µm	φ	
MEAN (M) :	1047.8	749.7	0.416	908.3	0.139	Coarse Sand
SORTING (σ) :	6714	2.664	1.414	2.221	1.151	Poorly Sorted
SKEWNESS (Sk) :	0.703	-1.434	1.434	-0.496	0.496	Very Fine Skewed
KURTOSIS (Ak) :	2.949	4.670	4.670	1.833	1.833	Very Leptokurtic



C. Transport Sedimen

Arah Sedimen Trap	Stasiun			
	1	2	3	4
Qb	1.0276	3.6206	1.4778	3.7704
Qs	3.6646	1.4518	1.3206	2.0241
Qu	2.4903	2.2755	2.7942	4.5704
Qt	7.4374	3.1977	0.3665	1.3276

D. Persentase Ukuran Butir Sedimen

Klasifikasi	Diameter Ayakan	St 1	St1 (%)	St 2	St2 (%)	St 3	St3 (%)	St 4	St4 (%)
Kerikil	2	3.49	9.25	2.19	7.91	1.10	7.03	2.15	7.02
Pasir Sangat Kasar	1	11.40	30.20	8.47	30.61	4.30	27.59	7.26	23.74
pasir kasar	0.5	14.67	38.88	10.49	37.92	6.09	39.14	10.52	34.42
Pasir Sedang	0.25	7.65	20.26	5.81	20.98	3.20	20.52	7.45	24.36
Pasir Halus	0.125	0.51	1.34	0.36	1.31	0.31	1.97	2.49	8.16
Pasir Sangat Halus	0.063	0.02	0.05	0.19	0.69	0.32	2.04	0.40	1.30
Lanau (silt)	<0.063	0.01	0.01	0.16	0.58	0.27	1.71	0.31	1.00
Total		37.74	100.00	27.67	100.00	15.57	100.00	30.57	100.00

E. Registrasi Koordinat

Citra 2022

Map X	Map Y	Image X	Image Y	Predict X	Predict Y	Error X	Error Y	RMS
120.42	-5.10	7913.00	6451.00	7913.26	6450.79	0.2675	-0.2095	0.3398
120.42	-5.05	7921.29	5952.79	7921.12	5952.92	-0.1604	0.1388	0.2121

120.39	-5.04	7654.00	5823.25	7654.16	5823.03	0.1637	-0.2131	0.2688
120.40	-5.07	7715.75	6115.50	7715.66	6115.66	-0.0805	0.1693	0.1875
120.39	-5.12	7615.80	6650.60	7615.81	6650.57	0.0130	-0.0208	0.0245
120.31	-5.00	6711.60	5404.20	6711.58	5404.21	-0.0180	0.0189	0.0261
120.41	-5.11	7859.40	6588.20	7859.21	6588.31	-0.1853	0.0189	0.2188

Musim Kemarau 2021

Map X	Map Y	Image X	Image Y	Predict X	Predict Y	Error X	Error Y	RMS
120.31	-5.00	6710.00	5406.00	6709.96	5406.05	-0.04	0.05	0.07
120.30	-5.12	6588.00	6696.00	6587.92	6695.98	-0.08	-0.02	0.08
120.39	-5.12	7614.00	6652.08	7615.16	6652.98	0.24	0.16	0.29
120.42	-5.10	7913.00	6453.00	7912.74	6452.69	-0.26	-0.31	0.40
120.40	-5.07	7715.00	6117.00	7715.14	6117.17	0.14	0.17	0.22
120.42	-5.05	7921.00	5954.00	7920.79	5954.39	-0.21	0.39	0.44
120.39	-5.04	7653.42	5824.83	7653.63	5824.38	0.21	-0.45	0.50

Musim Hujan 2021

Map X	Map Y	Image X	Image Y	Predict X	Predict Y	Error X	Error Y	RMS
120.30	-5.12	57.00	6664.00	57.00	6664.00	0.01	0.00	0.01
120.31	-5.00	166.90	5374.80	166.94	5374.83	0.05	0.04	0.06
120.42	-5.05	1382.00	5911.00	1382.33	5911.30	0.33	0.31	0.45
120.39	-5.04	1113.80	5784.80	1113.50	5784.71	-0.30	-0.09	0.31
120.40	-5.07	1179.20	6074.90	1179.16	6074.58	-0.03	-0.32	0.32
120.42	-5.10	1382.10	6405.00	1381.97	6404.92	-0.12	-0.08	0.15
120.39	-5.12	1086.60	6606.40	1086.66	6606.53	0.07	0.14	0.16

Kemarau 2020

Map X	Map Y	Image X	Image Y	Predict X	Predict Y	Error X	Error Y	RMS
120.42	-5.10	1378.93	6408.79	1379.14	6408.70	0.21	-0.08	0.23
120.41	-5.11	1325.83	6545.83	1325.62	6545.78	-0.20	-0.04	0.21
120.42	-5.05	1385.00	5914.00	1385.09	5914.08	0.09	0.09	0.13
120.39	-5.04	1117.00	5787.00	1116.83	5786.73	-0.16	-0.26	0.31
120.40	-5.07	1179.86	6076.93	1179.87	6077.22	0.02	0.29	0.29
120.30	-5.12	55.93	6664.07	55.94	6664.06	0.02	-0.01	0.02
120.31	-5.00	168.00	5375.00	168.02	5375.01	0.02	0.02	0.03

Hujan 2020

Map X	Map Y	Image X	Image Y	Predict X	Predict Y	Error X	Error Y	RMS
120.31	-5.00	6710.00	5406.00	6709.99	5405.99	-0.01	0.08	0.05
12.42	-5.10	7915.83	6447.67	7916.12	6448.07	0.29	0.40	0.50
120.39	-5.04	7654.07	5827.14	7654.02	5827.07	-0.04	0.05	0.07
120.40	-5.07	7716.57	6117.00	7716.76	6116.94	0.2	-0.05	0.20
120.39	-5.12	7619.17	6646.92	7618.84	6646.57	-0.32	-0.34	0.48
120.30	-5.12	6589.25	6695.83	6589.30	6695.90	0.05	0.07	0.09
120.42	-5.05	7921.92	5956.50	7921.75	5956.37	-0.16	-0.12	0.21

F. Nilai Rasio Koefisien Atenuasi Kanal Biru dan Hijau

Citra 2022

Nilai Raster B2	Nilai Raster B3	Ln B2	Ln B3	Var B2	Var B3	Co Var B2B3	a	ki/kj
505.21	489.27	6.22	6.19	35822.87	54591.65	43617.46	-0.22	0.81
505.21	489.27	6.22	6.19	0.07	0.09	0.08	-0.09	0.92
676.18	750.70	6.52	6.62					
737.05	885.60	6.60	6.79					
670.49	776.05	6.51	6.65					
526.79	577.91	6.27	6.36					
946.11	1161.80	6.85	7.06					
796.35	929.86	6.68	6.84					
767.77	860.25	6.64	6.76					
672.90	648.13	6.51	6.47					
688.10	693.27	6.53	6.54					
887.91	1049.87	6.79	6.96					
861.43	1035.77	6.76	6.94					
790.10	932.75	6.67	6.84					
857.96	1044.99	6.75	6.95					
638.30	726.17	6.46	6.59					
794.50	954.42	6.68	6.86					
769.56	897.02	6.65	6.80					
998.60	1193.74	6.91	7.08					
924.32	1068.95	6.83	6.97					
846.47	969.85	6.74	6.88					
703.16	765.95	6.56	6.64					
703.16	765.95	6.56	6.64					
654.60	633.36	6.48	6.45					
773.42	792.13	6.65	6.67					
1003.34	1184.27	6.91	7.08					
1015.71	1200.65	6.92	7.09					
1044.55	1210.58	6.95	7.10					
1044.55	1210.58	6.95	7.10					
733.78	821.61	6.60	6.71					
946.18	1117.87	6.85	7.02					
946.18	1117.87	6.85	7.02					
901.84	1057.07	6.80	6.96					
792.42	922.88	6.68	6.83					
435.11	488.25	6.08	6.19					
611.80	698.02	6.42	6.55					
1159.99	1350.50	7.06	7.21					

1159.99	1350.50	7.06	7.21
922.96	1066.27	6.83	6.97
757.53	727.76	6.63	6.59
749.55	760.31	6.62	6.63
1026.35	1201.05	6.93	7.09
1103.72	1311.28	7.01	7.18
1221.39	1427.22	7.11	7.26
686.94	795.12	6.53	6.68
847.51	991.33	6.74	6.90
864.21	1004.46	6.76	6.91
864.21	1004.46	6.76	6.91
846.60	1006.97	6.74	6.91
972.22	1152.72	6.88	7.05
613.10	676.46	6.42	6.52
815.57	950.05	6.70	6.86
847.51	991.33	6.74	6.90
1063.10	1232.18	6.97	7.12
957.16	1135.31	6.86	7.03
1156.20	1359.27	7.05	7.21
1085.43	1304.88	6.99	7.17
1000.70	1181.70	6.91	7.07
746.13	787.09	6.61	6.67
1077.86	1246.19	6.98	7.13
813.36	850.67	6.70	6.75
992.37	1159.96	6.90	7.06
1082.15	1269.54	6.99	7.15
929.36	1071.85	6.83	6.98
1165.92	1339.79	7.06	7.20
1077.86	1246.19	6.98	7.13
802.18	933.77	6.69	6.84
636.20	742.26	6.46	6.61
541.77	616.16	6.29	6.42
928.79	1075.94	6.83	6.98
398.97	426.72	5.99	6.06
633.64	726.62	6.45	6.59
428.60	491.90	6.06	6.20
478.60	535.12	6.17	6.28
778.06	911.70	6.66	6.82
662.71	793.03	6.50	6.68
743.86	857.75	6.61	6.75
718.61	899.09	6.58	6.80
991.54	1216.27	6.90	7.10
775.87	852.57	6.65	6.75

894.47	1041.45	6.80	6.95
1042.70	1243.07	6.95	7.13
729.70	829.15	6.59	6.72
760.55	881.16	6.63	6.78
710.43	829.10	6.57	6.72
596.67	695.51	6.39	6.54
475.28	542.16	6.16	6.30
697.47	814.43	6.55	6.70
485.57	555.48	6.19	6.32
597.13	684.03	6.39	6.53
975.72	1165.93	6.88	7.06
909.48	1047.43	6.81	6.95
828.57	939.32	6.72	6.85
1064.85	1226.00	6.97	7.11
1010.65	1167.53	6.92	7.06
597.20	695.56	6.39	6.54
632.07	735.92	6.45	6.60
706.65	813.21	6.56	6.70
579.09	662.50	6.36	6.50
760.28	892.75	6.63	6.79
766.04	898.12	6.64	6.80
797.11	932.19	6.68	6.84
745.20	886.65	6.61	6.79
980.92	1181.65	6.89	7.07
753.70	840.84	6.62	6.73
677.16	747.56	6.52	6.62
938.14	1133.38	6.84	7.03
1017.87	1207.52	6.93	7.10
842.27	971.93	6.74	6.88
828.82	964.78	6.72	6.87
752.57	874.30	6.62	6.77
744.37	873.42	6.61	6.77
460.00	517.00	6.13	6.25
708.48	819.07	6.56	6.71
708.03	811.60	6.56	6.70
1022.87	1212.83	6.93	7.10
833.72	966.11	6.73	6.87
824.07	884.21	6.71	6.78
988.73	1162.85	6.90	7.06
864.00	1031.46	6.76	6.94
1078.22	1245.68	6.98	7.13
936.67	1095.21	6.84	7.00
803.61	933.80	6.69	6.84

697.02	794.43	6.55	6.68
624.06	733.54	6.44	6.60
381.09	396.96	5.94	5.98
645.87	742.87	6.47	6.61
873.43	1024.13	6.77	6.93
759.99	871.59	6.63	6.77
835.53	923.71	6.73	6.83
820.56	851.79	6.71	6.75
714.80	822.19	6.57	6.71
1110.23	1306.53	7.01	7.18
1059.41	1251.62	6.97	7.13
1101.48	1269.28	7.00	7.15
1018.59	1176.90	6.93	7.07
826.56	972.36	6.72	6.88
828.85	985.93	6.72	6.89
766.96	888.22	6.64	6.79
688.03	839.41	6.53	6.73
613.79	717.13	6.42	6.58
560.93	656.72	6.33	6.49
649.14	750.28	6.48	6.62
726.43	839.30	6.59	6.73
726.43	839.30	6.59	6.73
825.66	958.56	6.72	6.87
773.89	809.06	6.65	6.70
997.53	1166.69	6.91	7.06
1074.52	1240.64	6.98	7.12
926.66	1069.01	6.83	6.97
826.56	972.36	6.72	6.88
573.73	667.64	6.35	6.50
666.82	772.38	6.50	6.65
668.72	748.49	6.51	6.62
806.48	901.95	6.69	6.80
979.79	1126.45	6.89	7.03
961.77	1108.55	6.87	7.01
934.23	1095.40	6.84	7.00
799.54	928.87	6.68	6.83
729.82	824.09	6.59	6.71
769.07	891.87	6.65	6.79
573.73	667.64	6.35	6.50
666.82	772.38	6.50	6.65
668.72	748.49	6.51	6.62
806.48	901.95	6.69	6.80
1010.74	1147.63	6.92	7.05

908.62	1063.84	6.81	6.97
957.63	1091.55	6.86	7.00
776.79	910.75	6.66	6.81
729.82	824.09	6.59	6.71
396.47	434.34	5.98	6.07
594.78	701.28	6.39	6.55
668.72	748.49	6.51	6.62
380.51	395.66	5.94	5.98
430.36	499.66	6.06	6.21
754.22	844.25	6.63	6.74
639.91	772.72	6.46	6.65
692.71	764.64	6.54	6.64
692.20	819.89	6.54	6.71
915.39	1036.16	6.82	6.94
915.39	1036.16	6.82	6.94
692.71	764.64	6.54	6.64
779.42	905.54	6.66	6.81
912.16	1032.13	6.82	6.94
915.22	1031.41	6.82	6.94
510.88	561.25	6.24	6.33
918.24	1028.52	6.82	6.94
731.09	903.80	6.59	6.81
960.48	1104.91	6.87	7.01
527.43	584.03	6.27	6.37
930.59	1047.26	6.84	6.95
1055.51	1201.83	6.96	7.09
532.56	600.89	6.28	6.40
1055.51	1201.83	6.96	7.09
1019.15	1100.24	6.93	7.00
736.74	917.12	6.60	6.82
1063.35	1204.11	6.97	7.09
846.62	962.46	6.74	6.87
1085.16	1193.66	6.99	7.08
892.19	982.64	6.79	6.89
837.06	947.17	6.73	6.85
366.56	372.42	5.90	5.92
366.56	372.42	5.90	5.92
514.60	593.85	6.24	6.39
856.26	946.83	6.75	6.85
806.47	871.19	6.69	6.77
424.05	457.19	6.05	6.13
329.24	337.61	5.80	5.82
315.18	344.64	5.75	5.84

360.88	401.98	5.89	6.00
876.95	962.63	6.78	6.87
816.12	906.49	6.70	6.81
630.62	708.16	6.45	6.56
371.88	400.82	5.92	5.99
379.00	469.97	5.94	6.15
434.62	507.86	6.07	6.23
493.55	525.98	6.20	6.27
892.52	973.15	6.79	6.88
852.20	918.01	6.75	6.82
1012.66	1150.23	6.92	7.05
857.54	1030.13	6.75	6.94
957.63	1091.55	6.86	7.00
856.34	977.04	6.75	6.88
974.53	1134.46	6.88	7.03
613.33	707.24	6.42	6.56
919.17	1062.62	6.82	6.97
459.29	516.39	6.13	6.25
816.79	932.96	6.71	6.84
853.83	983.10	6.75	6.89
667.98	764.43	6.50	6.64
694.07	809.88	6.54	6.70
800.23	923.34	6.68	6.83
438.12	459.77	6.08	6.13
478.87	478.18	6.17	6.17
864.64	981.79	6.76	6.89
681.29	805.14	6.52	6.69
390.55	400.79	5.97	5.99
421.59	433.93	6.04	6.07
646.85	741.59	6.47	6.61
825.52	961.56	6.72	6.87
749.15	899.36	6.62	6.80
416.23	459.49	6.03	6.13
554.96	563.96	6.32	6.33
538.21	500.94	6.29	6.22
722.97	805.87	6.58	6.69
713.52	833.31	6.57	6.73
781.52	961.20	6.66	6.87
668.59	808.11	6.51	6.69
480.15	556.23	6.17	6.32
627.55	604.08	6.44	6.40
662.85	648.69	6.50	6.47
873.41	982.61	6.77	6.89

777.07	881.89	6.66	6.78
548.79	649.62	6.31	6.48
649.09	777.67	6.48	6.66
671.19	823.61	6.51	6.71
955.77	1129.18	6.86	7.03
1015.84	1156.66	6.92	7.05
1015.84	1156.66	6.92	7.05
510.50	596.64	6.24	6.39
633.12	720.81	6.45	6.58
959.67	1090.94	6.87	6.99
592.89	667.28	6.39	6.50
820.05	784.59	6.71	6.67
951.90	1123.71	6.86	7.02
975.82	1151.29	6.88	7.05
806.91	920.30	6.69	6.82
637.48	722.76	6.46	6.58
592.90	697.80	6.39	6.55
592.90	697.80	6.39	6.55
888.27	1011.09	6.79	6.92
754.68	781.30	6.63	6.66
898.73	962.44	6.80	6.87
928.23	1095.62	6.83	7.00
1012.92	1197.21	6.92	7.09
1043.85	1248.37	6.95	7.13
798.77	949.87	6.68	6.86
417.89	474.77	6.04	6.16
975.25	1143.87	6.88	7.04
658.01	598.63	6.49	6.39
886.46	913.60	6.79	6.82
970.98	1131.45	6.88	7.03
949.32	1125.23	6.86	7.03
933.74	1122.51	6.84	7.02
875.69	1056.38	6.78	6.96
985.99	1139.67	6.89	7.04
631.54	575.23	6.45	6.35
761.37	765.79	6.64	6.64
934.68	1082.41	6.84	6.99
934.75	1120.83	6.84	7.02
1010.62	1216.02	6.92	7.10
933.05	1140.79	6.84	7.04
936.43	1095.55	6.84	7.00
833.08	895.44	6.73	6.80
913.94	1057.10	6.82	6.96

910.50	1102.85	6.81	7.01
864.72	1028.63	6.76	6.94
864.72	1028.63	6.76	6.94
848.06	1008.91	6.74	6.92
578.18	632.15	6.36	6.45
894.02	1016.15	6.80	6.92
892.61	1065.82	6.79	6.97
905.64	1065.53	6.81	6.97
710.34	852.06	6.57	6.75
837.32	916.03	6.73	6.82
952.24	1127.24	6.86	7.03
821.44	994.58	6.71	6.90
750.07	919.38	6.62	6.82
484.47	553.15	6.18	6.32
912.01	1051.85	6.82	6.96
822.62	984.76	6.71	6.89
828.81	967.30	6.72	6.87

Kemarau 2021

Nilai Raster B2	Nilai Raster B3	Ln B2	Ln B3	Var B2	Var B3	Co Var B2B3	a	ki/kj
1214.50	1355.50	7.10	7.21	45184.03	58689.48	51184.73	-0.13	0.88
1120.08	1312.82	7.02	7.18	0.05	0.05	0.05	0.02	1.02
1162.50	1363.47	7.06	7.22					
1113.69	1258.37	7.02	7.14					
1000.53	1147.56	6.91	7.05					
1201.10	1400.72	7.09	7.24					
1174.09	1365.33	7.07	7.22					
1197.27	1374.34	7.09	7.23					
1193.66	1348.26	7.08	7.21					
1247.76	1455.68	7.13	7.28					
1230.67	1420.49	7.12	7.26					
1336.08	1559.65	7.20	7.35					
1100.17	1313.78	7.00	7.18					
1279.91	1497.47	7.15	7.31					
1187.19	1355.87	7.08	7.21					
1234.43	1410.15	7.12	7.25					
1232.07	1428.27	7.12	7.26					
1246.90	1451.62	7.13	7.28					
1330.86	1518.18	7.19	7.33					
1290.31	1518.58	7.16	7.33					

1280.42	1434.37	7.15	7.27
1290.80	1505.66	7.16	7.32
1333.41	1546.75	7.20	7.34
1277.13	1489.55	7.15	7.31
1275.85	1481.48	7.15	7.30
1200.66	1345.93	7.09	7.20
1195.36	1375.41	7.09	7.23
1183.75	1357.10	7.08	7.21
1182.17	1344.92	7.08	7.20
1332.91	1548.44	7.20	7.35
1327.28	1566.82	7.19	7.36
1264.85	1480.39	7.14	7.30
1307.71	1518.51	7.18	7.33
1311.65	1534.60	7.18	7.34
1323.14	1548.54	7.19	7.35
1242.16	1428.19	7.12	7.26
854.11	977.67	6.75	6.89
1297.22	1473.52	7.17	7.30
1293.92	1487.46	7.17	7.30
1281.13	1484.63	7.16	7.30
1199.15	1357.67	7.09	7.21
1145.97	1283.57	7.04	7.16
1146.13	1314.45	7.04	7.18
1336.24	1564.82	7.20	7.36
1390.77	1629.75	7.24	7.40
893.31	1065.88	6.79	6.97
1126.36	1329.08	7.03	7.19
983.15	1141.98	6.89	7.04
1331.35	1570.68	7.19	7.36
1290.28	1516.86	7.16	7.32
1263.07	1489.97	7.14	7.31
1267.93	1502.34	7.15	7.31
1270.74	1465.92	7.15	7.29
722.70	849.83	6.58	6.75
693.99	822.25	6.54	6.71
830.35	984.33	6.72	6.89
1195.10	1335.56	7.09	7.20
1048.30	1162.56	6.95	7.06
1131.98	1225.35	7.03	7.11
1047.25	1159.66	6.95	7.06
1248.19	1399.79	7.13	7.24
1102.86	1242.89	7.01	7.13
1163.53	1329.05	7.06	7.19

746.41	866.38	6.62	6.76
766.01	865.90	6.64	6.76
781.55	927.74	6.66	6.83
1013.27	1191.11	6.92	7.08
1090.63	1293.06	6.99	7.16
1228.65	1503.50	7.11	7.32
1242.60	1469.91	7.12	7.29
1153.65	1416.82	7.05	7.26
772.80	915.32	6.65	6.82
766.49	900.32	6.64	6.80
838.50	981.55	6.73	6.89
908.21	1055.85	6.81	6.96
1000.26	1184.25	6.91	7.08
830.86	962.76	6.72	6.87
665.10	755.19	6.50	6.63
1141.05	1313.81	7.04	7.18
1279.58	1463.50	7.15	7.29
1287.07	1475.17	7.16	7.30
1260.75	1442.62	7.14	7.27
1106.99	1266.72	7.01	7.14
1148.06	1289.35	7.05	7.16
1313.60	1490.69	7.18	7.31
1343.46	1572.28	7.20	7.36
1246.23	1426.01	7.13	7.26
1168.98	1345.15	7.06	7.20
1019.33	1191.40	6.93	7.08
679.91	770.12	6.52	6.65
1003.41	1175.60	6.91	7.07
998.62	1154.77	6.91	7.05
963.99	1135.20	6.87	7.03
940.22	1101.80	6.85	7.00
897.33	1044.16	6.80	6.95
836.77	997.32	6.73	6.91
787.48	921.40	6.67	6.83
990.34	1178.34	6.90	7.07
1207.01	1426.62	7.10	7.26
857.48	1000.85	6.75	6.91
746.20	873.09	6.61	6.77
850.68	1017.05	6.75	6.92
809.45	965.57	6.70	6.87
942.50	1122.71	6.85	7.02
976.04	1169.56	6.88	7.06
970.13	1149.50	6.88	7.05

927.13	1105.23	6.83	7.01
978.02	1168.41	6.89	7.06
633.96	741.00	6.45	6.61
949.02	1082.53	6.86	6.99
1191.58	1369.00	7.08	7.22
1308.79	1507.81	7.18	7.32
1326.49	1541.43	7.19	7.34
1276.43	1456.96	7.15	7.28
1157.56	1285.59	7.05	7.16
1183.32	1360.98	7.08	7.22
1339.34	1561.04	7.20	7.35
1023.18	1200.78	6.93	7.09
1036.74	1219.21	6.94	7.11
1100.88	1286.91	7.00	7.16
551.40	635.04	6.31	6.45
742.76	876.62	6.61	6.78
759.46	904.01	6.63	6.81
777.54	936.28	6.66	6.84
771.88	933.27	6.65	6.84
835.80	1023.21	6.73	6.93
881.61	1084.02	6.78	6.99
963.98	1142.28	6.87	7.04
891.57	1044.77	6.79	6.95
901.84	1079.41	6.80	6.98
776.48	914.36	6.65	6.82
664.82	748.33	6.50	6.62
1119.87	1283.18	7.02	7.16
1110.56	1278.96	7.01	7.15
1279.44	1504.47	7.15	7.32
1215.90	1412.73	7.10	7.25
1097.87	1249.23	7.00	7.13
1212.98	1370.05	7.10	7.22
1314.73	1521.22	7.18	7.33
1211.56	1421.92	7.10	7.26
1147.69	1339.27	7.05	7.20
728.11	830.63	6.59	6.72
689.33	776.02	6.54	6.65
955.77	1132.37	6.86	7.03
982.43	1156.88	6.89	7.05
982.82	1179.09	6.89	7.07
881.06	1056.80	6.78	6.96
820.83	1008.71	6.71	6.92
707.97	843.94	6.56	6.74

760.68	935.59	6.63	6.84
739.56	889.31	6.61	6.79
727.46	899.17	6.59	6.80
686.85	814.92	6.53	6.70
595.40	675.48	6.39	6.52
764.99	863.40	6.64	6.76
625.20	707.79	6.44	6.56
731.38	833.29	6.59	6.73
961.06	1106.57	6.87	7.01
1164.69	1353.52	7.06	7.21
1155.06	1297.41	7.05	7.17
1054.24	1179.85	6.96	7.07
986.87	1074.78	6.89	6.98
1004.79	1103.02	6.91	7.01
1094.77	1257.27	7.00	7.14
1107.29	1303.07	7.01	7.17
1110.73	1311.11	7.01	7.18
1095.97	1279.69	7.00	7.15
714.62	809.05	6.57	6.70
627.56	712.27	6.44	6.57
986.52	1123.67	6.89	7.02
1076.73	1229.09	6.98	7.11
1135.83	1345.80	7.04	7.20
1104.68	1306.44	7.01	7.18
968.06	1112.38	6.88	7.01
755.20	864.16	6.63	6.76
748.35	885.60	6.62	6.79
620.80	698.93	6.43	6.55
598.75	667.40	6.39	6.50
686.85	814.92	6.53	6.70
660.80	775.17	6.49	6.65
620.02	706.96	6.43	6.56
713.49	861.74	6.57	6.76
698.33	824.42	6.55	6.71
671.48	783.64	6.51	6.66
778.59	944.22	6.66	6.85
814.94	980.75	6.70	6.89
907.69	1075.36	6.81	6.98
1039.93	1228.37	6.95	7.11
903.96	1069.17	6.81	6.97
795.01	921.16	6.68	6.83
764.25	927.60	6.64	6.83
642.01	717.89	6.46	6.58

1057.96	1242.57	6.96	7.12
1314.23	1530.80	7.18	7.33
1177.28	1330.27	7.07	7.19
1060.17	1180.67	6.97	7.07
1269.18	1435.79	7.15	7.27
1172.51	1367.10	7.07	7.22
900.90	1054.54	6.80	6.96
774.66	914.89	6.65	6.82
877.75	1038.27	6.78	6.95
926.97	1081.18	6.83	6.99
883.69	1037.65	6.78	6.94
941.38	1112.62	6.85	7.01
907.12	1119.06	6.81	7.02
900.46	1097.12	6.80	7.00
772.82	934.68	6.65	6.84
724.70	861.57	6.59	6.76
755.79	908.38	6.63	6.81
638.17	747.08	6.46	6.62
671.97	774.05	6.51	6.65
757.42	896.02	6.63	6.80
1090.61	1255.97	6.99	7.14
1105.76	1300.97	7.01	7.17
1040.41	1195.84	6.95	7.09
1067.17	1236.81	6.97	7.12
1034.51	1179.83	6.94	7.07
1083.94	1200.03	6.99	7.09
1103.81	1209.97	7.01	7.10
1156.82	1324.99	7.05	7.19
1154.25	1357.21	7.05	7.21
1215.24	1435.42	7.10	7.27
795.91	914.83	6.68	6.82
787.12	937.76	6.67	6.84
741.59	875.21	6.61	6.77
793.55	970.95	6.68	6.88
780.99	917.78	6.66	6.82
772.62	904.75	6.65	6.81
693.21	824.38	6.54	6.71
802.91	972.99	6.69	6.88
924.85	1108.28	6.83	7.01
919.35	1118.86	6.82	7.02
823.93	976.67	6.71	6.88
842.71	987.88	6.74	6.90
835.26	977.33	6.73	6.88

874.63	1017.41	6.77	6.93
889.43	1064.81	6.79	6.97
675.72	785.67	6.52	6.67
1193.21	1417.06	7.08	7.26
1226.32	1438.87	7.11	7.27
1261.89	1492.88	7.14	7.31
1103.93	1241.23	7.01	7.12
1163.46	1298.78	7.06	7.17
1242.48	1443.96	7.12	7.28
1247.78	1492.78	7.13	7.31
1189.14	1408.03	7.08	7.25
1184.17	1403.70	7.08	7.25
683.62	785.47	6.53	6.67
881.55	1028.86	6.78	6.94
896.06	1053.19	6.80	6.96
887.61	1030.45	6.79	6.94
846.16	1003.51	6.74	6.91
821.20	959.14	6.71	6.87
907.39	1089.78	6.81	6.99
968.60	1151.62	6.88	7.05
784.00	954.25	6.66	6.86
761.19	899.07	6.63	6.80
710.03	829.11	6.57	6.72
744.06	870.20	6.61	6.77
750.73	889.21	6.62	6.79
719.67	832.09	6.58	6.72
860.86	1004.26	6.76	6.91
1063.42	1253.96	6.97	7.13
1170.50	1397.26	7.07	7.24
1170.72	1346.63	7.07	7.21
994.30	1102.08	6.90	7.00
1007.23	1115.61	6.91	7.02
994.49	1154.65	6.90	7.05
1170.50	1397.26	7.07	7.24
1181.44	1374.37	7.07	7.23
902.30	1082.21	6.80	6.99
699.65	822.67	6.55	6.71
795.19	935.39	6.68	6.84
823.98	963.28	6.71	6.87
662.41	780.28	6.50	6.66
725.15	867.37	6.59	6.77
745.60	889.74	6.61	6.79
814.90	977.12	6.70	6.88

943.87	1147.20	6.85	7.05
810.31	975.28	6.70	6.88
829.00	966.24	6.72	6.87
874.29	1035.31	6.77	6.94
883.11	1072.19	6.78	6.98
923.69	1102.59	6.83	7.01
905.29	1058.28	6.81	6.96
883.62	1052.14	6.78	6.96
753.52	887.63	6.62	6.79
823.78	979.60	6.71	6.89
920.95	1101.68	6.83	7.00
987.50	1144.39	6.90	7.04
1266.19	1489.62	7.14	7.31

Hujan 2021

Nilai Raster B2	Nilai Raster B3	Ln B2	Ln B3	Var B2	Var B3	Co Var B2B3	a	ki/kj
1232.61	1186.23	7.12	7.08	59603.22	93790.30	72202.66	-0.24	0.79
1455.07	1513.55	7.28	7.32	0.03	0.06	0.04	-0.30	0.74
1455.07	1513.55	7.28	7.32					
1679.99	1720.23	7.43	7.45					
1074.84	859.53	6.98	6.76					
1221.61	999.71	7.11	6.91					
1419.21	1497.86	7.26	7.31					
1532.36	1571.14	7.33	7.36					
1083.70	963.51	6.99	6.87					
1085.48	933.52	6.99	6.84					
1554.49	1608.29	7.35	7.38					
1501.27	1554.36	7.31	7.35					
1501.27	1554.36	7.31	7.35					
1298.70	1098.80	7.17	7.00					
1162.45	983.82	7.06	6.89					
1482.70	1452.85	7.30	7.28					
1546.27	1608.58	7.34	7.38					
1569.84	1624.25	7.36	7.39					
1164.44	1046.62	7.06	6.95					
1000.61	776.84	6.91	6.66					
1284.74	1247.43	7.16	7.13					
1612.26	1693.25	7.39	7.43					
1656.32	1727.21	7.41	7.45					
1457.65	1503.43	7.28	7.32					

1724.76	1805.50	7.45	7.50
1394.97	1295.29	7.24	7.17
1577.05	1637.92	7.36	7.40
1362.34	1407.39	7.22	7.25
1414.39	1423.83	7.25	7.26
1737.40	1817.41	7.46	7.51
1568.85	1646.79	7.36	7.41
1298.67	1224.80	7.17	7.11
1005.47	780.52	6.91	6.66
1157.48	937.65	7.05	6.84
1395.30	1360.41	7.24	7.22
1604.45	1684.77	7.38	7.43
1078.06	1066.75	6.98	6.97
1399.40	1479.81	7.24	7.30
1455.58	1496.06	7.28	7.31
997.33	960.79	6.91	6.87
945.35	889.39	6.85	6.79
986.60	931.95	6.89	6.84
994.40	927.02	6.90	6.83
1911.53	1930.13	7.56	7.57
1563.83	1500.98	7.35	7.31
1563.83	1500.98	7.35	7.31
1780.62	1829.45	7.48	7.51
1438.50	1476.64	7.27	7.30
1210.25	1259.13	7.10	7.14
1609.30	1600.72	7.38	7.38
1020.99	1024.55	6.93	6.93
919.16	861.29	6.82	6.76
1398.84	1441.71	7.24	7.27
1455.67	1491.81	7.28	7.31
1694.38	1802.43	7.44	7.50
1589.87	1635.96	7.37	7.40
1158.05	958.40	7.05	6.87
1148.97	971.20	7.05	6.88
1583.77	1646.70	7.37	7.41
1650.35	1723.09	7.41	7.45
1289.66	1283.31	7.16	7.16
1212.16	1249.38	7.10	7.13
1310.40	1369.51	7.18	7.22
1063.59	1050.90	6.97	6.96
1428.29	1476.31	7.26	7.30
1142.60	1185.49	7.04	7.08
1067.70	1068.04	6.97	6.97

1999.27	2075.42	7.60	7.64
1729.55	1729.00	7.46	7.46
1604.19	1621.73	7.38	7.39
1100.29	1079.25	7.00	6.98
1314.01	1364.44	7.18	7.22
932.58	905.09	6.84	6.81
1264.59	1328.93	7.14	7.19
1430.11	1502.82	7.27	7.32
1254.35	1316.50	7.13	7.18
1544.07	1599.84	7.34	7.38
1594.90	1659.93	7.37	7.41
1184.59	1029.74	7.08	6.94
1006.70	753.48	6.91	6.62
1502.75	1549.28	7.32	7.35
1276.48	1300.26	7.15	7.17
1309.89	1334.28	7.18	7.20
1279.12	1295.90	7.15	7.17
1263.66	1312.01	7.14	7.18
931.64	893.36	6.84	6.79
895.28	826.39	6.80	6.72
1193.94	1192.39	7.09	7.08
1635.40	1672.74	7.40	7.42
1245.33	1216.06	7.13	7.10
1027.34	1005.32	6.93	6.91
1125.74	1140.07	7.03	7.04
1119.64	1136.41	7.02	7.04
1258.95	1280.98	7.14	7.16
1434.03	1507.73	7.27	7.32
1431.13	1464.50	7.27	7.29
1168.11	1111.53	7.06	7.01
1139.13	937.79	7.04	6.84
1470.56	1518.39	7.29	7.33
1343.58	1415.80	7.20	7.26
1305.70	1340.98	7.17	7.20
1332.90	1394.23	7.20	7.24
1016.98	994.34	6.92	6.90
1563.35	1568.47	7.35	7.36
1595.95	1598.76	7.38	7.38
1602.36	1692.29	7.38	7.43
1120.89	1101.28	7.02	7.00
1188.83	1181.28	7.08	7.07
1284.09	1351.41	7.16	7.21
1427.66	1465.95	7.26	7.29

1485.78	1530.49	7.30	7.33
1193.28	1242.94	7.08	7.13
1297.84	1346.86	7.17	7.21
1439.57	1465.58	7.27	7.29
1270.99	1147.69	7.15	7.05
1388.32	1355.79	7.24	7.21
1188.69	1238.30	7.08	7.12
1268.76	1319.09	7.15	7.18
1422.45	1428.47	7.26	7.26
1530.69	1564.46	7.33	7.36
1137.04	1162.58	7.04	7.06
951.38	858.36	6.86	6.76
1287.90	1211.77	7.16	7.10
1419.79	1342.60	7.26	7.20
1300.48	1356.09	7.17	7.21
1063.66	1064.20	6.97	6.97
1063.66	1064.20	6.97	6.97
1375.07	1378.64	7.23	7.23
1178.97	1192.76	7.07	7.08
1200.81	1123.42	7.09	7.02
1131.12	1106.24	7.03	7.01
1619.91	1615.06	7.39	7.39
1672.87	1648.49	7.42	7.41
955.66	864.10	6.86	6.76
981.10	946.23	6.89	6.85
1132.08	1069.71	7.03	6.98
961.04	828.97	6.87	6.72
1003.84	882.05	6.91	6.78
1215.95	1194.24	7.10	7.09
870.65	782.66	6.77	6.66
1175.27	1198.70	7.07	7.09
1598.73	1586.43	7.38	7.37
1519.88	1439.08	7.33	7.27
1797.19	1753.61	7.49	7.47
942.97	905.05	6.85	6.81
806.46	671.33	6.69	6.51
1208.60	1199.16	7.10	7.09
1244.90	1245.87	7.13	7.13
1138.17	1037.02	7.04	6.94
1110.14	973.13	7.01	6.88
1019.12	773.04	6.93	6.65
1199.25	1020.17	7.09	6.93
1479.14	1508.50	7.30	7.32

1109.67	1100.49	7.01	7.00
1259.24	1345.35	7.14	7.20
1098.48	1108.63	7.00	7.01
1029.23	1004.09	6.94	6.91
1788.89	1775.55	7.49	7.48
1621.07	1605.27	7.39	7.38
1772.08	1851.67	7.48	7.52
1251.48	1314.57	7.13	7.18
1012.27	993.20	6.92	6.90
1624.97	1678.05	7.39	7.43
1381.50	1307.04	7.23	7.18
954.91	737.15	6.86	6.60
1095.70	835.61	7.00	6.73
1333.69	1229.24	7.20	7.11
1606.43	1637.49	7.38	7.40
1706.65	1794.03	7.44	7.49
1111.32	1157.62	7.01	7.05
1867.10	1914.85	7.53	7.56
1563.83	1543.92	7.35	7.34
1742.09	1743.42	7.46	7.46
1373.50	1499.70	7.23	7.31
1680.50	1738.48	7.43	7.46
1604.38	1662.74	7.38	7.42
1239.29	1000.24	7.12	6.91
1024.72	743.37	6.93	6.61
1378.20	1296.94	7.23	7.17
1538.80	1576.48	7.34	7.36
1439.55	1484.83	7.27	7.30
1693.83	1741.51	7.43	7.46
1421.46	1408.65	7.26	7.25
1514.91	1522.18	7.32	7.33
1439.46	1407.53	7.27	7.25
1216.18	971.32	7.10	6.88
1167.82	956.80	7.06	6.86
1081.75	855.35	6.99	6.75
1136.87	891.31	7.04	6.79
1319.07	1133.99	7.18	7.03
1526.90	1563.36	7.33	7.35
1533.66	1550.86	7.34	7.35
1600.46	1659.23	7.38	7.41
1624.71	1633.90	7.39	7.40
1460.80	1441.51	7.29	7.27
1136.87	891.31	7.04	6.79

1045.65	794.75	6.95	6.68
1136.11	876.07	7.04	6.78

Tabel 12. Kemarau 2020

Nilai Raster B2	Nilai Raster B3	Ln B2	Ln B3	Var B2	Var B3	Co Var B2B3	a	ki/kj
1032.51	1142.31	6.94	7.04	66776.26	101921.81	80541.28	-0.22	0.81
1169.81	1366.34	7.06	7.22	0.07	0.08	0.07	-0.06	0.94
1446.05	1665.65	7.28	7.42					
1098.14	1077.50	7.00	6.98					
996.81	980.07	6.90	6.89					
1395.58	1602.59	7.24	7.38					
1197.91	1420.47	7.09	7.26					
892.48	1073.29	6.79	6.98					
985.43	945.29	6.89	6.85					
920.33	1056.53	6.82	6.96					
1253.51	1489.43	7.13	7.31					
1290.17	1528.02	7.16	7.33					
1437.92	1674.83	7.27	7.42					
1011.08	986.60	6.92	6.89					
1209.16	1170.66	7.10	7.07					
1491.44	1729.01	7.31	7.46					
1298.93	1600.11	7.17	7.38					
1268.92	1524.59	7.15	7.33					
1113.15	1360.58	7.01	7.22					
1113.15	1360.58	7.01	7.22					
1236.37	1372.08	7.12	7.22					
1316.94	1590.89	7.18	7.37					
1091.24	1361.50	7.00	7.22					
1345.26	1651.24	7.20	7.41					
1322.85	1584.93	7.19	7.37					
1351.59	1585.43	7.21	7.37					
894.39	881.51	6.80	6.78					
915.28	878.31	6.82	6.78					
1236.71	1356.41	7.12	7.21					
1305.94	1603.18	7.17	7.38					
1337.55	1655.56	7.20	7.41					
1142.78	1365.76	7.04	7.22					
998.20	1214.88	6.91	7.10					
1207.76	1450.86	7.10	7.28					
1165.43	1427.26	7.06	7.26					

1132.39	1340.18	7.03	7.20
1200.45	1420.60	7.09	7.26
1010.17	1174.22	6.92	7.07
603.03	663.99	6.40	6.50
912.45	1056.78	6.82	6.96
1205.62	1386.24	7.09	7.23
1205.62	1386.24	7.09	7.23
1297.65	1442.19	7.17	7.27
1087.37	1229.42	6.99	7.11
1302.79	1516.23	7.17	7.32
1224.71	1442.54	7.11	7.27
1352.76	1561.57	7.21	7.35
1137.14	1361.64	7.04	7.22
651.63	724.82	6.48	6.59
1010.17	1174.22	6.92	7.07
666.54	790.89	6.50	6.67
687.09	805.60	6.53	6.69
591.01	687.50	6.38	6.53
698.84	792.18	6.55	6.67
1207.76	1450.86	7.10	7.28
721.11	855.82	6.58	6.75
794.30	904.99	6.68	6.81
1379.96	1726.41	7.23	7.45
1366.05	1672.26	7.22	7.42
1208.65	1401.85	7.10	7.25
914.57	902.92	6.82	6.81
890.15	882.25	6.79	6.78
1341.35	1600.42	7.20	7.38
1287.20	1577.94	7.16	7.36
1224.73	1524.63	7.11	7.33
1133.60	1362.86	7.03	7.22
737.62	869.59	6.60	6.77
661.72	784.12	6.49	6.66
695.53	796.69	6.54	6.68
868.12	1068.69	6.77	6.97
744.32	910.59	6.61	6.81
617.81	703.47	6.43	6.56
676.80	715.09	6.52	6.57
1258.54	1497.29	7.14	7.31
1362.86	1627.84	7.22	7.40
1362.86	1627.84	7.22	7.40
1241.74	1327.65	7.12	7.19
1461.56	1660.05	7.29	7.41

1440.99	1625.39	7.27	7.39
1431.54	1686.80	7.27	7.43
671.36	705.33	6.51	6.56
887.56	1066.89	6.79	6.97
969.08	1147.38	6.88	7.05
756.88	877.32	6.63	6.78
726.11	837.40	6.59	6.73
899.88	1113.32	6.80	7.02
826.32	982.94	6.72	6.89
875.00	1026.62	6.77	6.93
1157.98	1386.37	7.05	7.23
1099.93	1362.45	7.00	7.22
1185.63	1531.70	7.08	7.33
1183.55	1440.02	7.08	7.27
1032.74	1057.59	6.94	6.96
1095.91	1130.03	7.00	7.03
1271.45	1522.77	7.15	7.33
1228.47	1499.04	7.11	7.31
1190.77	1517.92	7.08	7.33
687.61	817.51	6.53	6.71
813.38	953.33	6.70	6.86
715.92	833.84	6.57	6.73
717.51	842.83	6.58	6.74
730.10	861.50	6.59	6.76
772.49	891.38	6.65	6.79
771.43	867.30	6.65	6.77
735.95	845.18	6.60	6.74
785.70	863.10	6.67	6.76
1445.64	1707.62	7.28	7.44
1079.58	1121.60	6.98	7.02
1002.30	1019.14	6.91	6.93
645.16	726.56	6.47	6.59
730.08	838.93	6.59	6.73
796.43	937.94	6.68	6.84
746.38	893.82	6.62	6.80
779.72	941.31	6.66	6.85
716.49	867.18	6.57	6.77
856.63	1143.39	6.75	7.04
815.18	1024.07	6.70	6.93
673.39	800.36	6.51	6.69
983.17	1209.54	6.89	7.10
1302.85	1540.77	7.17	7.34
978.02	978.42	6.89	6.89

879.03	883.51	6.78	6.78
1221.12	1442.71	7.11	7.27
997.32	1058.83	6.91	6.96
1381.51	1678.61	7.23	7.43
1263.17	1535.98	7.14	7.34
741.40	896.14	6.61	6.80
767.38	965.60	6.64	6.87
769.81	969.71	6.65	6.88
644.99	756.69	6.47	6.63
715.85	858.86	6.57	6.76
734.18	878.14	6.60	6.78
683.25	798.81	6.53	6.68
774.35	920.02	6.65	6.82
842.40	1040.52	6.74	6.95
634.54	696.46	6.45	6.55
1142.13	1277.19	7.04	7.15
1304.12	1459.78	7.17	7.29
718.38	843.41	6.58	6.74
773.09	947.86	6.65	6.85
797.85	970.89	6.68	6.88
908.74	1173.86	6.81	7.07
810.26	983.81	6.70	6.89
1418.49	1736.96	7.26	7.46
1381.51	1678.61	7.23	7.43
1309.19	1552.90	7.18	7.35
1346.45	1614.80	7.21	7.39
1452.66	1728.92	7.28	7.46
1454.30	1718.62	7.28	7.45
1303.77	1561.12	7.17	7.35
805.10	979.67	6.69	6.89
796.00	990.35	6.68	6.90
1230.60	1358.87	7.12	7.21
1352.11	1601.84	7.21	7.38
651.74	784.94	6.48	6.67
1382.16	1621.42	7.23	7.39
1363.39	1610.97	7.22	7.38
1370.47	1623.47	7.22	7.39
1383.95	1624.31	7.23	7.39
1338.61	1527.48	7.20	7.33
1033.27	1225.92	6.94	7.11
717.76	853.66	6.58	6.75
1439.75	1705.89	7.27	7.44
1250.46	1436.41	7.13	7.27

1076.97	1180.95	6.98	7.07
965.89	1138.69	6.87	7.04
674.84	805.64	6.51	6.69
990.28	1168.59	6.90	7.06
1177.67	1385.98	7.07	7.23
1222.49	1435.81	7.11	7.27
1346.48	1572.08	7.21	7.36
1230.06	1477.12	7.11	7.30
1129.22	1333.81	7.03	7.20
602.96	697.41	6.40	6.55
873.46	1005.82	6.77	6.91
1076.97	1180.95	6.98	7.07
1109.06	1241.79	7.01	7.12
1050.65	1123.19	6.96	7.02
1127.62	1312.01	7.03	7.18
944.53	1133.92	6.85	7.03
1237.64	1504.25	7.12	7.32
780.83	904.55	6.66	6.81
1249.35	1451.36	7.13	7.28
983.83	1164.36	6.89	7.06
1071.42	1320.54	6.98	7.19
1253.61	1453.37	7.13	7.28
1193.84	1316.59	7.08	7.18
1136.21	1279.34	7.04	7.15
1220.62	1400.66	7.11	7.24
807.15	967.83	6.69	6.88
1094.68	1304.49	7.00	7.17
1094.68	1304.49	7.00	7.17
871.09	896.53	6.77	6.80
816.62	976.84	6.71	6.88
635.19	719.05	6.45	6.58
1286.06	1482.39	7.16	7.30
1156.24	1259.74	7.05	7.14
1207.63	1325.36	7.10	7.19
611.79	691.01	6.42	6.54
533.78	598.03	6.28	6.39
640.64	734.44	6.46	6.60
759.94	902.82	6.63	6.81
1071.92	1304.13	6.98	7.17
1092.56	1259.29	7.00	7.14
782.32	791.77	6.66	6.67
570.43	597.78	6.35	6.39
878.92	864.23	6.78	6.76

1054.96	1195.32	6.96	7.09
1093.88	1333.07	7.00	7.20
1058.49	1315.28	6.96	7.18
801.60	974.19	6.69	6.88
1298.50	1583.40	7.17	7.37
717.52	822.29	6.58	6.71
681.04	758.84	6.52	6.63
686.59	792.66	6.53	6.68
1119.72	1304.06	7.02	7.17
1009.05	1007.78	6.92	6.92
515.55	576.21	6.25	6.36
658.82	769.79	6.49	6.65
1204.87	1350.99	7.09	7.21
1186.67	1303.01	7.08	7.17
770.82	753.04	6.65	6.62
1384.67	1547.92	7.23	7.34
914.45	1072.99	6.82	6.98
1309.80	1569.35	7.18	7.36
1085.31	1265.12	6.99	7.14
1048.34	1274.12	6.95	7.15
1045.33	1225.80	6.95	7.11
914.08	1063.84	6.82	6.97
1059.22	1191.79	6.97	7.08
922.89	899.07	6.83	6.80
988.90	1001.37	6.90	6.91
878.96	816.36	6.78	6.70
1098.25	1209.34	7.00	7.10
1195.68	1350.31	7.09	7.21
1224.49	1458.10	7.11	7.28
1446.29	1680.05	7.28	7.43
1027.12	1206.73	6.93	7.10
1571.00	1895.80	7.36	7.55
1473.59	1682.13	7.30	7.43
1516.69	1717.82	7.32	7.45
1384.67	1547.92	7.23	7.34
751.03	678.91	6.62	6.52
1008.13	1046.38	6.92	6.95
1272.32	1469.36	7.15	7.29
1451.04	1752.12	7.28	7.47
1452.75	1709.33	7.28	7.44
1342.07	1602.56	7.20	7.38
1353.78	1589.80	7.21	7.37
1217.42	1379.88	7.10	7.23

Hujan 2020

Nilai Raster B2	Nilai Raster B3	Ln B2	Ln B3	Var B2	Var B3	Co Var B2B3	a	ki/kj
1010.17	1174.22	6.918	7.068	69718.640	79689.916	69185.402	-0.072	0.931
666.54	790.89	6.502	6.673	0.067	0.061	0.060	0.049	1.050
687.09	805.6	6.532	6.692					
591.01	687.5	6.382	6.533					
698.84	792.18	6.549	6.675					
1207.76	1450.86	7.097	7.280					
721.11	855.82	6.581	6.752					
794.3	904.99	6.677	6.808					
1379.96	1726.41	7.230	7.454					
1366.05	1672.26	7.220	7.422					
1208.65	1401.85	7.097	7.246					
914.57	902.92	6.818	6.806					
890.15	882.25	6.791	6.782					
1341.35	1600.42	7.201	7.378					
1287.2	1577.94	7.160	7.364					
1224.73	1524.63	7.110	7.330					
1133.6	1362.86	7.033	7.217					
737.62	869.59	6.603	6.768					
661.72	784.12	6.495	6.665					
695.53	796.69	6.545	6.680					
868.12	1068.69	6.766	6.974					
744.32	910.59	6.612	6.814					
617.81	703.47	6.426	6.556					
676.8	715.09	6.517	6.572					
1258.54	1497.29	7.138	7.311					
1362.86	1627.84	7.217	7.395					
1362.86	1627.84	7.217	7.395					
1241.74	1327.65	7.124	7.191					
1461.56	1660.05	7.287	7.415					
1440.99	1625.39	7.273	7.394					
1431.54	1686.8	7.267	7.431					
671.36	705.33	6.509	6.559					
887.56	1066.89	6.788	6.973					
969.08	1147.38	6.876	7.045					
756.88	877.32	6.629	6.777					
726.11	837.4	6.588	6.730					
899.88	1113.32	6.802	7.015					
826.32	982.94	6.717	6.891					
875	1026.62	6.774	6.934					

1157.98	1386.37	7.054	7.234
1099.93	1362.45	7.003	7.217
1185.63	1531.7	7.078	7.334
1183.55	1440.02	7.076	7.272
1032.74	1057.59	6.940	6.964
1095.91	1130.03	6.999	7.030
1271.45	1522.77	7.148	7.328
1228.47	1499.04	7.114	7.313
1190.77	1517.92	7.082	7.325
687.61	817.51	6.533	6.706
813.38	953.33	6.701	6.860
715.92	833.84	6.574	6.726
717.51	842.83	6.576	6.737
730.1	861.5	6.593	6.759
772.49	891.38	6.650	6.793
771.43	867.3	6.648	6.765
735.95	845.18	6.601	6.740
785.7	863.1	6.667	6.761
1445.64	1707.62	7.276	7.443
1079.58	1121.6	6.984	7.023
1002.3	1019.14	6.910	6.927
645.16	726.56	6.469	6.588
730.08	838.93	6.593	6.732
796.43	937.94	6.680	6.844
746.38	893.82	6.615	6.796
779.72	941.31	6.659	6.847
716.49	867.18	6.574	6.765
856.63	1143.39	6.753	7.042
815.18	1024.07	6.703	6.932
673.39	800.36	6.512	6.685
983.17	1209.54	6.891	7.098
1302.85	1540.77	7.172	7.340
978.02	978.42	6.886	6.886
1193.94	1192.39	7.085	7.084
1635.4	1672.74	7.400	7.422
1245.33	1216.06	7.127	7.103
1027.34	1005.32	6.935	6.913
1125.74	1140.07	7.026	7.039
1119.64	1136.41	7.021	7.036
1258.95	1280.98	7.138	7.155
1434.03	1507.73	7.268	7.318
1431.13	1464.5	7.266	7.289
1168.11	1111.53	7.063	7.013

1139.13	937.79	7.038	6.844
1470.56	1518.39	7.293	7.325
1343.58	1415.8	7.203	7.255
1305.7	1340.98	7.174	7.201
1332.9	1394.23	7.195	7.240
1016.98	994.34	6.925	6.902
1563.35	1568.47	7.355	7.358
1595.95	1598.76	7.375	7.377
1602.36	1692.29	7.379	7.434
1120.89	1101.28	7.022	7.004
1188.83	1181.28	7.081	7.074
1284.09	1351.41	7.158	7.209
1427.66	1465.95	7.264	7.290
1485.78	1530.49	7.304	7.333
1193.28	1242.94	7.084	7.125
1297.84	1346.86	7.168	7.206
1439.57	1465.58	7.272	7.290
1270.99	1147.69	7.148	7.046
1388.32	1355.79	7.236	7.212
1188.69	1238.3	7.081	7.121
1268.76	1319.09	7.146	7.185
1422.45	1428.47	7.260	7.264
1530.69	1564.46	7.333	7.355
1137.04	1162.58	7.036	7.058
951.38	858.36	6.858	6.755
1287.9	1211.77	7.161	7.100
1419.79	1342.6	7.258	7.202
1300.48	1356.09	7.170	7.212
1063.66	1064.2	6.969	6.970
1063.66	1064.2	6.969	6.970
1375.07	1378.64	7.226	7.229
1178.97	1192.76	7.072	7.084
1200.81	1123.42	7.091	7.024
1131.12	1106.24	7.031	7.009
1619.91	1615.06	7.390	7.387
1672.87	1648.49	7.422	7.408
955.66	864.1	6.862	6.762
981.1	946.23	6.889	6.852
1132.08	1069.71	7.032	6.975
961.04	828.97	6.868	6.720
1003.84	882.05	6.912	6.782
1215.95	1194.24	7.103	7.085
870.65	782.66	6.769	6.663

1175.27	1198.7	7.069	7.089
1598.73	1586.43	7.377	7.369
1519.88	1439.08	7.326	7.272
1797.19	1753.61	7.494	7.469
942.97	905.05	6.849	6.808
806.46	671.33	6.693	6.509
1208.6	1199.16	7.097	7.089
1244.9	1245.87	7.127	7.128
1138.17	1037.02	7.037	6.944
1110.14	973.13	7.012	6.881
1019.12	773.04	6.927	6.650
1199.25	1020.17	7.089	6.928
1479.14	1508.5	7.299	7.319
1132.39	1340.18	7.032	7.201
1200.45	1420.6	7.090	7.259
1010.17	1174.22	6.918	7.068
603.03	663.99	6.402	6.498
912.45	1056.78	6.816	6.963
1205.62	1386.24	7.095	7.234
1205.62	1386.24	7.095	7.234
1297.65	1442.19	7.168	7.274
1087.37	1229.42	6.992	7.114
1302.79	1516.23	7.172	7.324
1224.71	1442.54	7.110	7.274
1352.76	1561.57	7.210	7.353
1137.14	1361.64	7.036	7.216
651.63	724.82	6.479	6.586
1010.17	1174.22	6.918	7.068
666.54	790.89	6.502	6.673
687.09	805.6	6.532	6.692
591.01	687.5	6.382	6.533
698.84	792.18	6.549	6.675
1207.76	1450.86	7.097	7.280
721.11	855.82	6.581	6.752
794.3	904.99	6.677	6.808
1379.96	1726.41	7.230	7.454
1366.05	1672.26	7.220	7.422
1208.65	1401.85	7.097	7.246
914.57	902.92	6.818	6.806
890.15	882.25	6.791	6.782
1341.35	1600.42	7.201	7.378
1287.2	1577.94	7.160	7.364
1224.73	1524.63	7.110	7.330

1133.6	1362.86	7.033	7.217
737.62	869.59	6.603	6.768
661.72	784.12	6.495	6.665
695.53	796.69	6.545	6.680
868.12	1068.69	6.766	6.974
744.32	910.59	6.612	6.814
617.81	703.47	6.426	6.556
676.8	715.09	6.517	6.572
1258.54	1497.29	7.138	7.311
1362.86	1627.84	7.217	7.395
1362.86	1627.84	7.217	7.395
1241.74	1327.65	7.124	7.191
1461.56	1660.05	7.287	7.415
1057.96	1242.57	6.964	7.125
1314.23	1530.8	7.181	7.334
1177.28	1330.27	7.071	7.193
1060.17	1180.67	6.966	7.074
1269.18	1435.79	7.146	7.269
1172.51	1367.1	7.067	7.220
900.9	1054.54	6.803	6.961
774.66	914.89	6.652	6.819
877.75	1038.27	6.777	6.945
926.97	1081.18	6.832	6.986
883.69	1037.65	6.784	6.945
941.38	1112.62	6.847	7.014
907.12	1119.06	6.810	7.020
900.46	1097.12	6.803	7.000
772.82	934.68	6.650	6.840
724.7	861.57	6.586	6.759
755.79	908.38	6.628	6.812
638.17	747.08	6.459	6.616
671.97	774.05	6.510	6.652
757.42	896.02	6.630	6.798
1090.61	1255.97	6.994	7.136
1105.76	1300.97	7.008	7.171
1040.41	1195.84	6.947	7.087
1067.17	1236.81	6.973	7.120
1034.51	1179.83	6.942	7.073
1083.94	1200.03	6.988	7.090
1103.81	1209.97	7.007	7.098
1156.82	1324.99	7.053	7.189
1154.25	1357.21	7.051	7.213
1215.24	1435.42	7.103	7.269

795.91	914.83	6.679	6.819
787.12	937.76	6.668	6.843
741.59	875.21	6.609	6.774
793.55	970.95	6.677	6.878
780.99	917.78	6.661	6.822
772.62	904.75	6.650	6.808
693.21	824.38	6.541	6.715
802.91	972.99	6.688	6.880
924.85	1108.28	6.830	7.011
919.35	1118.86	6.824	7.020
823.93	976.67	6.714	6.884
842.71	987.88	6.737	6.896
835.26	977.33	6.728	6.885
874.63	1017.41	6.774	6.925
889.43	1064.81	6.791	6.971
675.72	785.67	6.516	6.667
1193.21	1417.06	7.084	7.256
1226.32	1438.87	7.112	7.272
1261.89	1492.88	7.140	7.308
1103.93	1241.23	7.007	7.124
1163.46	1298.78	7.059	7.169
1242.48	1443.96	7.125	7.275
1247.78	1492.78	7.129	7.308
1189.14	1408.03	7.081	7.250
1184.17	1403.7	7.077	7.247
683.62	785.47	6.527	6.666
881.55	1028.86	6.782	6.936
896.06	1053.19	6.798	6.960
887.61	1030.45	6.789	6.938
846.16	1003.51	6.741	6.911
821.2	959.14	6.711	6.866
907.39	1089.78	6.811	6.994
968.6	1151.62	6.876	7.049
784	954.25	6.664	6.861
761.19	899.07	6.635	6.801
710.03	829.11	6.565	6.720
744.06	870.2	6.612	6.769
750.73	889.21	6.621	6.790
719.67	832.09	6.579	6.724
860.86	1004.26	6.758	6.912
1063.42	1253.96	6.969	7.134
1170.5	1397.26	7.065	7.242
1170.72	1346.63	7.065	7.205

994.3	1102.08	6.902	7.005
1007.23	1115.61	6.915	7.017
994.49	1154.65	6.902	7.052
1170.5	1397.26	7.065	7.242
1181.44	1374.37	7.074	7.226
902.3	1082.21	6.805	6.987
699.65	822.67	6.551	6.713
795.19	935.39	6.679	6.841
823.98	963.28	6.714	6.870
662.41	780.28	6.496	6.660
725.15	867.37	6.586	6.765
745.6	889.74	6.614	6.791
814.9	977.12	6.703	6.885

G. Data Lamun

STASIUN 1								
Spesies	Jumlah individu (Ni)	Kerapatan Lamun (Ki)	Kerapatan Relative (KRi)	Frekuensi Kemunculan (Fi)	Frekuensi Relative (FRi)	Persentasi Penutupan (Pi)	Penutupan Relative (PRi)	Indeks Nilai Penting (INP)
<i>Thalassia hemprichii</i>	275	275	0.23	0.67	0.29	5.36	0.29	0.80
<i>Cymodocea rotundata</i>	682	682	0.56	0.89	0.38	7.14	0.38	1.32
<i>Enhalus acoroides</i>	264	264	0.22	0.78	0.33	6.25	0.33	0.88
Total	1221	1221	1.00	2.33	1.00	18.75	1.00	3.00
STASIUN 2								
Spesies	Jumlah individu (Ni)	Kerapatan Lamun (Ki)	Kerapatan Relative (KRi)	Frekuensi Kemunculan (Fi)	Frekuensi Relative (FRi)	Persentasi Penutupan (Pi)	Penutupan Relative (PRi)	Indeks Nilai Penting (INP)
<i>Thalassia hemprichii</i>	32	32	0.07	0.22	0.12	0.37	0.12	0.30
<i>Cymodocea rotundata</i>	308	308	0.66	0.67	0.35	1.10	0.35	1.36
<i>Enhalus acoroides</i>	130	130	0.28	1.00	0.53	1.66	0.53	1.34
Total	470	470	1.00	1.89	1.00	3.13	1.00	3.00
STASIUN 3								
Spesies	Jumlah individu (Ni)	Kerapatan Lamun (Ki)	Kerapatan Relative (KRi)	Frekuensi Kemunculan (Fi)	Frekuensi Relative (FRi)	Persentasi Penutupan (Pi)	Penutupan Relative (PRi)	Indeks Nilai Penting (INP)
<i>Thalassia hemprichii</i>	729	729	0.45	0.67	0.25	18.75	0.25	0.95
<i>Cymodocea rotundata</i>	720	720	0.44	0.89	0.33	25	0.33	1.11
<i>Enhalus acoroides</i>	20	20	0.01	0.11	0.04	3.13	0.04	0.10
<i>Halodule Pinifolia</i>	167	167	0.10	1.00	0.38	28.13	0.38	0.85
Total	1636	1636	1.00	2.67	1.00	75.00	1.00	3.00
STASIUN 4								

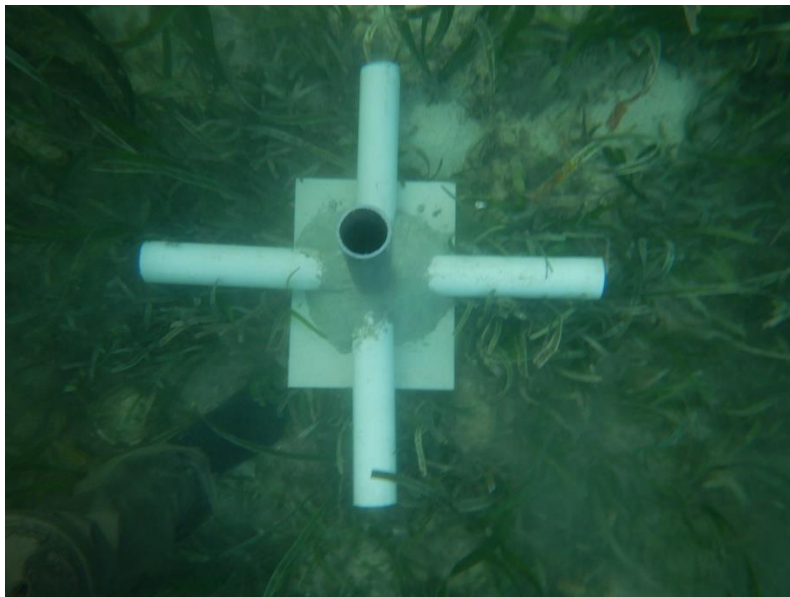
Spesies	Jumlah individu (Ni)	Kerapatan Lamun (Ki)	Kerapatan Relative (KRi)	Frekuensi Kemunculan (Fi)	Frekuensi Relative (FRi)	Persentasi Penutupan (Pi)	Penutupan Relative (PRi)	Indeks Nilai Penting (INP)
<i>Thalassia hemprichii</i>	993	993	0.77	0.89	0.42	31.58	0.42	1.61
<i>Cymodocea rotundata</i>	64	64	0.05	0.11	0.05	3.95	0.05	0.15
<i>Enhalus acoroides</i>	42	42	0.03	0.33	0.16	11.84	0.16	0.35
<i>Halodule Pinifolia</i>	194	194	0.15	0.78	0.37	27.63	0.37	0.89
Total	1293	1293	1.00	2.11	1.00	75	1.0	3.00

Lampiran 2

A. Dokumentasi Pengambilan Data di Lapangan



Gambar 1. Proses Pemasangan dan Pengambilan Foto Tutupan Lamun



Gambar 2. Pemasangan Sedimen Trap Pada Masing-Masing Stasiun



Gambar 3. Pengolahan Sampel Sedimen di Lab



Gambar 4. Tim Penelitian