

DAFTAR PUSTAKA

- Aldilla, R., Restiatun, R., & Afrizal, A. (2024). Faktor – Faktor yang Mempengaruhi Indeks Kualitas Lingkungan Hidup (IKLH) di Indonesia. *Jurnal Ilmu Lingkungan*, 22(6), 1494–1503. <https://doi.org/10.14710/jil.22.6.1494-1503>
- Badan Pusat Statistik. (2021). *Indeks Pembangunan Manusia*. <https://www.bps.go.id/id/publication/2021/04/30/8e777ce2d7570ced44197a37/indeks-pembangunan-manusia-2020.html>
- Badan Pusat Statistik. (2024). *Indeks pembangunan manusia 2024*. 19.
- Badan Pusat Statistik. (2024). *Indeks Pembangunan Manusia Provinsi Jawa Barat*. 9.
- Badan Pusat Statistik. (2024). *Indeks Pembangunan Manusia 2024*. Jakarta.
- Badan Pusat Statistik. (2024). *Listrik yang Didistribusikan Menurut Provinsi (GWh), 2024*. <https://www.bps.go.id/id/statistics-table/2/ODU5IzI=/listrik-yang-didistribusikan-menurut-provinsi-gwh-gwh-.html>
- Badan Pusat Statistik. (2024). *Penduduk, Laju Pertumbuhan Penduduk, Distribusi Persentase Penduduk, Kepadatan Penduduk, Rasio Jenis Kelamin Penduduk Menurut Provinsi, 2024*.
- Badan Pusat Statistik. (2024). *Statistik Lingkungan Hidup Indonesia* (Vol. 43).
- Burton, E. (2000). The compact city: Just or just compact? A preliminary analysis. *Urban Studies*, 37(11), 1969–2001. <https://doi.org/10.1080/00420980050162184>

Effendi, H. (2003). *Telaah Kualitas Air: Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan*. Kanisius, Yogyakarta.

Fan, T., Ren, Y., & Chapman, A. (2025). Unveiling the carbon neutrality pathways of compact cities: A simulation-based scenario analysis from China. *Humanities and Social Sciences Communications*, 12, 1205. <https://doi.org/10.1057/s41599-025-05545-w>

García-Rodríguez, A., Núñez, M., Pérez, M. R., Govezensky, T., Barrio, R. A., Gershenson, C., Kaski, K. K., & Tagüña, J. (2025). Sustainable visions: unsupervised machine learning insights on global development goals. *PLoS ONE*, 20(3 March), 1–23. <https://doi.org/10.1371/journal.pone.0317412>

Jasmine, I. C. M. (2024). *PENDAPATAN ASLI DAERAH DI PROVINSI DIY TAHUN 2013-2022 Jumlah Penduduk pada 5 Kabupaten / Kota di Provinsi DIY Tahun 2013-2022 (Jiwa)*. 16(1), 49–58.

Jonatan, H., & Salam, R. (2025). Aplikasi Regresi Data Panel: Determinan Kualitas Lingkungan Hidup di Indonesia Tahun 2019-2023. *Seminar Nasional Official Statistics*, 2025(1), 571–580. <https://doi.org/10.34123/semnasoffstat.v2025i1.2471>

Kasman Karimi, K. mahaoktra. (2025). *PENGARUH KONSUMSI ENERGI, PRODUKSI INDUSTRI, JUMLAH KENDARAAN, DAN PRODUK DOMESTIK REGIONAL BRUTO (PDRB) TERHADAP INDEKS KUALITAS LINGKUNGAN DI INDONESIA*. 1–10.

KLHK. (2023). Rencana Kerja. *Rencana Kerja Tahun Anggaran 2023*, 2516061(287), 1–120. <https://disbudpar.acehprov.go.id/ppid/>

Kuhumba, S. (2022). Amartya Sen's capability approach as theoretical foundation of human development Shija Kuhumba. *Journal of Sociology and Development*, 1(1), 127–145.

Luqman, M., Rayner, P. J., & Gurney, K. R. (2023). On the impact of

urbanisation on CO2 emissions. *npj Urban Sustainability*, 3, 6.
<https://doi.org/10.1038/s42949-023-00084-2>

Magetan, D. L. H. K. (2021). *Sekilas tentang IKLH (Indeks Kualitas Lingkungan Hidup)*. <https://dlh.magetan.go.id/2021/07/27/sekilas-tentang-iklh-indeks-kualitas-lingkungan-hidup/>

Mahadik, S., Gedam, M., & Shah, D. (2025). Environment sustainability with smart grid sensor. *Frontiers in Artificial Intelligence*, 7, 1510410.
<https://doi.org/10.3389/frai.2024.1510410>

Marbun, S. F., Jaya, C. A., Putri, P. A., Sitio, S. V., Halomoan, T. R., Medan, U. N., Baru, K., & Serdang, D. (2025). *Analisis faktor penyebab kepadatan penduduk di kecamatan percut sei tuan*. 3(11).

Musir, O., & Wibowo, M. G. (2025). *Analisis People Centered Development Model dalam Mengatasi Degradasi Lingkungan di Indonesia Analysis of People Centered Development Model in Overcoming Environmental Degradation in Indonesia Indeks Kualitas Lingkungan Hidup (IKLH) Indonnesia*. 25(1), 1–11.

Opas, T. M., Pieper, R., & Vaarama, M. (2022). Exploring the capability approach to quality of life in disadvantaged population groups. *Scientific Reports*, 1–11. <https://doi.org/10.1038/s41598-022-18877-3>

Porter, G. (2009). *Basic Econometrics*.
<https://doi.org/https://doi.org/10.7312/sach17314>

Prasetyo, A., Sultan, L., Lito, J., Samudro, B. R., & Pratama, Y. P. (2025). *Kesenjangan Pembangunan Wilayah Di Indonesia : Perspektif Circular And Cumulative Causation Dan Uneven Development*. 5(1), 813–830.

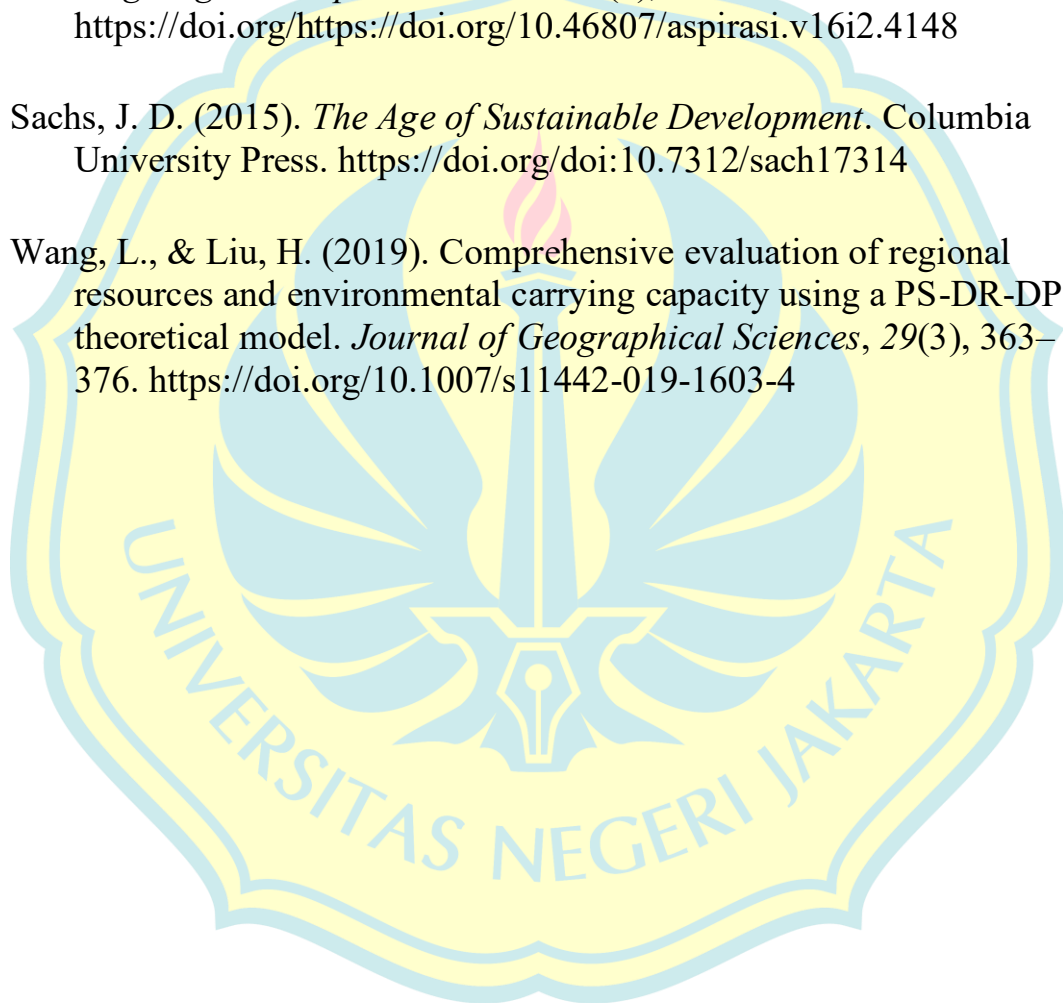
Ramadhantie, Ramadhan, H. (2021). PENGARUH INDEKS PEMBANGUNAN MANUSIA TERHADAP INDEKS KUALITAS LINGKUNGAN HIDUP DI INDONESIA

MENGGUNAKAN REGRESI DATA PANEL. *Jurnal Ilmiah Ilmu Dasar Dan Lingkungan Hidup*, 21(April), 33–43.
<https://doi.org/10.33751/ekologia.v21i1.2111>

Rosanti, H. P., Kartiasih, F., Ikhlasul, A., Otto, J., & No, I. (2025). *Analisis Spasial Pengaruh Ekonomi Digital terhadap Kualitas Lingkungan Hidup di Indonesia*. 16(2), 143–161.
<https://doi.org/https://doi.org/10.46807/aspirasi.v16i2.4148>

Sachs, J. D. (2015). *The Age of Sustainable Development*. Columbia University Press. <https://doi.org/doi:10.7312/sach17314>

Wang, L., & Liu, H. (2019). Comprehensive evaluation of regional resources and environmental carrying capacity using a PS-DR-DP theoretical model. *Journal of Geographical Sciences*, 29(3), 363–376. <https://doi.org/10.1007/s11442-019-1603-4>



Intelligentia - Dignitas

LAMPIRAN

Lampiran 1 Tabel Statistik Deskriptif

	X1	X2	X3	Y
Mean	7124.947	7358.395	73780.59	6989.956
Median	7122.000	2547.520	10200.00	7132.000
Maximum	8355.000	61637.47	1616500.	8569.000
Minimum	5725.000	180.5900	900.0000	3578.000
Std. Dev.	419.0474	12339.17	266305.1	850.4915
Skewness	-0.026135	2.409066	5.388026	-1.068352
Kurtosis	4.014840	8.068947	30.70385	4.435142
Jarque-Bera	14.62897	692.8723	12518.05	93.85608
Probability	0.000666	0.000000	0.000000	0.000000
Sum	2422482.	2501854.	25085400	2376585.
Sum Sq. Dev.	59528635	5.16E+10	2.40E+13	2.45E+08
Observations	340	340	340	340

Lampiran 2 Uji Chow

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	17.264511	(33,303)	0.0000
Cross-section Chi-square	359.683318	33	0.0000

Lampiran 3 Uji Hausman

Correlated Random Effects - Hausman Test
Equation: Untitled
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	98.108614	3	0.0000

Intelligentia - Dignitas

Lampiran 4 Uji Multikolinearitas

Variance Inflation Factors

Date: 06/16/26 Time: 22:33

Sample: 1 340

Included observations: 340

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	470931.1	366.7236	NA
X1	0.009450	374.8485	1.288381
X2	1.12E-05	1.803576	1.329408
X3	2.74E-08	1.625548	1.509351

Lampiran 5 Uji Heteroskedastisitas

Dependent Variable: ABS RES

Method: Panel Least Squares

Date: 07/10/26 Time: 00:09

Sample: 2015 2024

Periods included: 10

Cross-sections included: 34

Total panel (balanced) observations: 340

White period (cross-section cluster) standard errors & covariance (d.f. corrected)

WARNING: estimated coefficient covariance matrix is of reduced rank

Standard error and t-statistic probabilities adjusted for clustering

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	498.3821	694.0752	0.718052	0.4778
X1	-0.039554	0.109376	-0.361635	0.7199
X2	-0.007928	0.007055	-1.123744	0.2692
X3	-0.000156	0.000875	-0.178683	0.8593

Intelligentia - Dignitas

Lampiran 6 Hasil Estimasi Regresi

Dependent Variable: Y
 Method: Panel Least Squares
 Date: 06/24/26 Time: 19:51
 Sample: 2015 2024
 Periods included: 10
 Cross-sections included: 34
 Total panel (balanced) observations: 340
 White period (cross-section cluster) standard errors & covariance (d.f. corrected)
 WARNING: estimated coefficient covariance matrix is of reduced rank
 Standard error and t-statistic probabilities adjusted for clustering

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-405.3391	2362.441	-0.171576	0.8648
X1	0.829243	0.375208	2.210087	0.0341
X2	0.052981	0.024227	2.186881	0.0359
X3	0.014870	0.004523	3.287731	0.0024
Effects Specification				
Cross-section fixed (dummy variables)				
R-squared	0.792289	Mean dependent var	6989.956	
Adjusted R-squared	0.767610	S.D. dependent var	850.4915	
S.E. of regression	409.9951	Akaike info criterion	14.97260	
Sum squared resid	50933093	Schwarz criterion	15.38928	
Log likelihood	-2508.342	Hannan-Quinn criter.	15.13863	
F-statistic	32.10429	Durbin-Watson stat	1.099416	
Prob(F-statistic)	0.000000			

Lampiran 7 Uji T

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-405.3391	2362.441	-0.171576	0.8648
X1	0.829243	0.375208	2.210087	0.0341
X2	0.052981	0.024227	2.186881	0.0359
X3	0.014870	0.004523	3.287731	0.0024

Lampiran 8 Koefisien Determinan (R^2)

R-squared	0.792289	Mean dependent var	6989.956
Adjusted R-squared	0.767610	S.D. dependent var	850.4915
S.E. of regression	409.9951	Akaike info criterion	14.97260
Sum squared resid	50933093	Schwarz criterion	15.38928
Log likelihood	-2508.342	Hannan-Quinn criter.	15.13863
F-statistic	32.10429	Durbin-Watson stat	1.099416
Prob(F-statistic)	0.000000		