OVERVIEW OF ENVIRONMENT STATISTICS OF INDONESIA

NATIONAL WORKSHOP ON THE FRAMEWORK FOR THE DEVELOPMENT OF ENVIRONMENT STATISTICS (FDES 2013)

Krismawati

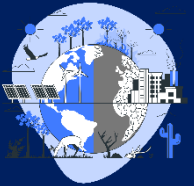*Team Leader of Environment Statistics (BPS-Statistics Indonesia)*

📅 Jakarta, 12 August 2024

PUBLICATION OF ENVIRONMENT STATISTICS OF INDONESIA

BPS-Statistics Indonesia has published the **Environmental Statistics of Indonesia (ESI)** from 1982 until now. In its preparation, BPS used references according to the needs at that time. The following are the references used in the compilation of the **ESI publication :**

1982-1992

UU Number 4 of 1982 concerning **Basic Provisions for Environmental Management**. Divided into **14 sections**: Geography and Climate, Agriculture, Mining, Electricity, Gas and Drinking Water, Industry, Construction, Transportation and Communication, Health, Population, Family Planning and Labour, Education, Religion and Culture, Animals and Plants.

1993-1997

FDES from the **United Nation Statistics Division (UNSD)** includes **4 major sections**: Socio-economic activities and natural events, Impact of activities on the environment, Response to environmental impacts, and natural and environmental background conditions.

1998-2014

Indonesian Framework for the Development of Environment Statistics (IFDES) developed by the Asian Development Bank (ADB), BPS, Ministry of Environment and Environmental Impact Management Agency. At this time, **Environment Statistics of Indonesia** was divided into **3 parts:** the conditions of the natural environment, the built environment, and the social environment.

2015-NOW

The **United Nations** has recommended **the Framework for the Development of Environment Statistics (FDES 2013)** as a guideline for the collection and compilation of national environmental statistics that can be compared internationally.

PUBLICATION OF ENVIRONMENT STATISTICS OF INDONESIA

FDES + NO THEMATICS

2015

2016

2017

PUBLICATION OF ENVIRONMENT STATISTICS OF INDONESIA

FDES + THEMATICS

2018
Waste Management

2019
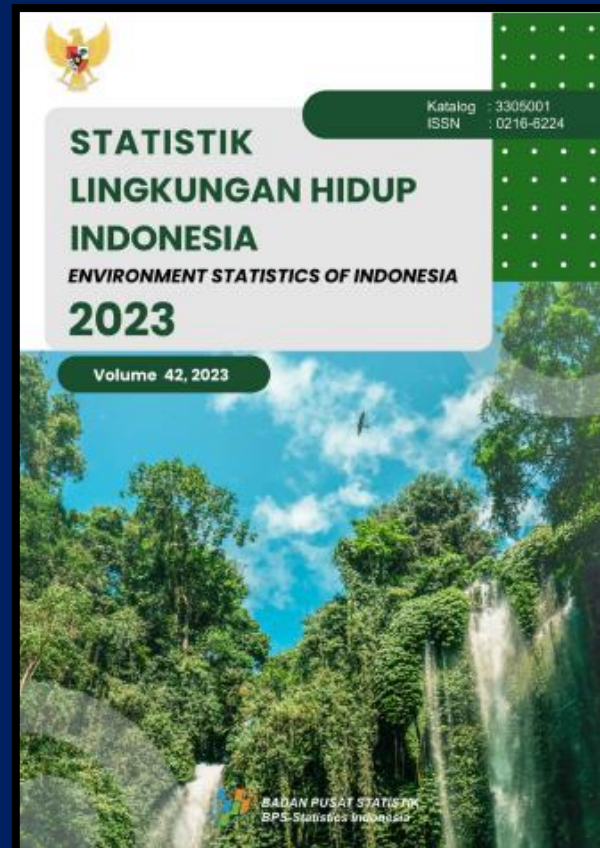Forest and Climate Change

2020
Water and Environment

2021
Energy and Environment

FDES

2022

2023

PUBLICATION OF ENVIRONMENT STATISTICS OF INDONESIA

Details

	Component	Tier 1			Tier 2			Tier 3		
		FDES	SLHI	%	FDES	SLHI	%	FDES	SLHI	%
1	Environmental Conditions and Quality	32	22	68,75%	58	29	50,00%	51	12	23,53%
2	Environmental Resources and their Use	30	23	76,67%	51	25	49,02%	43	5	11,63%
3	Residuals	19	6	31,58%	34	8	23,53%	5	0	0,00%
4	Extreme Events and Disaster	4	4	100,00%	11	7	63,64%	16	4	25,00%
5	Human Settlements and Environmental Health	12	6	50,00%	22	14	63,64%	20	3	15,00%
6	Environmental Protection, Management and Engagement	3	1	33,33%	24	7	29,17%	23	8	34,78%
	Total	**100**	**62**	**62,00%**	**200**	**90**	**45,00%**	**158**	**32**	**20,25%**

- **FDES** produces **458 Indicators** divided into **6 components** dan **3 tiers**.
- **Environment Statistics of Indonesia 2023** consists of **184 Indicators**, which mean **40,17%** of the data availability requested by FDES.

PUBLICATION OF ENVIRONMENT STATISTICS OF INDONESIA

The current publication of ESI is the result of compromised data obtained from various institutions through collaboration and agreement between the relevant institutions to ensure the accuracy and relevance of the data presented.

1. BPS-Statistics Indonesia
2. Ministry of National Development Planning/National Development Planning Agency
3. Ministry of Environment and Forestry
4. Ministry of Marine Affairs and Fisheries
5. Ministry of Energy and Mineral Resources
6. Ministry of Public Works and Housing
7. Ministry of Agrarian Affairs and Spatial Planning/National Land Agency
8. Ministry of Transportation
9. Ministry of Finance
10. Ministry of Agriculture

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11. Ministry of Health
12. Ministry of Home Affairs
13. National Search and Rescue Agency
14. Geospatial Information Agency
15. Meteorological, Climatological, and Geophysical Agency
16. National Disaster Management Authority
17. Indonesian National Police

BADAN PUSAT STATISTIK

THANK YOU

www.bps.go.id