

Developing a District-Level Clustering Approach for Modeling Sea Level Rise Vulnerability in Indonesian Coastal Areas

| Section 1: General Information | |
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| Title | Developing a District-Level Clustering Approach for Modeling Sea Level Rise Vulnerability in Indonesian Coastal Areas |
| Summary | Technical support is provided in the development of a district-level clustering approach aimed at modeling sea level rise vulnerability in Indonesian coastal areas. It emphasizes the need for tailored strategies due to the diverse characteristics of Indonesia's districts. |
| Proponent Name(s) | Indonesia, UN Global Pulse |
| Proponent Type | Government at the national level, United Nations agency |
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| Additional Contact Details | - |
| Region | Asia Pacific |

| Section 2: Commitment | |
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| Linkages to SDG 6 | Tackling sea level rise is closely related to this goal because rising sea levels can have significant impacts on the availability and quality of water resources, as well as sanitation infrastructure. Sea level rise can lead to saltwater intrusion into freshwater sources, contaminating drinking water supplies and affecting agriculture. It can also exacerbate flooding in coastal areas, which can compromise sanitation systems, leading to public health risks. Additionally, rising sea levels can affect the availability of freshwater for various uses, such as irrigation and industrial processes, further impacting water sustainability. Therefore, addressing sea level rise is essential for achieving SDG 6 by ensuring the availability and sustainable management of water resources and sanitation facilities |

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| | for all people, especially those living in coastal regions vulnerable to the impacts of rising sea levels |
| Target | The approach aims to improve understanding and planning for sea level rise impacts |
| Linkages to other SDG | |

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| Section 3: Actions and Outcomes to Achieve Targets | | |
| Relevant Sub-Theme | Water Security and Prosperity | |
| Actions and Outcomes | <ul style="list-style-type: none"> • Enhance Data Integration and Thematic Analysis: Intensify data collection by incorporating more datasets and thematic areas. Develop tools that consolidate these datasets for use by the government in decision-making processes, ensuring a comprehensive understanding of district characteristics and vulnerabilities. • Tailor Intervention Planning: Craft personalized intervention strategies rooted in district clustering, targeting precise needs and risks amidst varied geographic and socio-economic contexts. • Facilitate Knowledge Sharing and Capacity Building: Drive knowledge exchange and skill enhancement through mixed-methods workshops, fostering collaboration among stakeholders for ongoing advancement. <p>Outcomes:</p> <ul style="list-style-type: none"> • Awareness raising / advocacy for the issue of sea level rise and its impact on coastal communities in Indonesia • Identification of potential partners/stakeholders who are interested in collaborating/co-creating solutions | |
| Implementation Period | Start Date | 10/10/2023 |
| | End Date | 09/30/2024 |
| Financial Commitment | | |

