

RUP PILLARS

For year 2021 - 2024



REGIONAL AND URBAN PLANNING (RUP)

Regional and Urban Planning (RUP) Cluster (RUP) focuses on topics around urban and regional planning and design including urbanisation, transportation systems, housing, green infrastructure, and smart city development, among others. Four pillars of the RUP Cluster strongly adhere to smart, sustainability, and inclusivity principles.



SCAN HERE

RUP Cluster has carried out a number of research projects continuously in several locations in Indonesia and ASEAN, among others:



CLIENTS



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Current Publication:

ASEAN Secretariat. (2022) Urbanisation, People Mobility, and Inclusive Development across Urban-Rural Continuum in ASEAN The ASEAN Secretariat Jakarta. Jakarta: ASEAN Secretariat.

Lechner, A.M., Gomes, R.L., Rodrigues L., Ashfold M.J., & Sagala, S. (2021). Challenges and considerations of applying nature-based solutions in low- and middle-income countries in Southeast and East Asia. IWA Publishing.

Bayu, A.D., Sagala, S., Tarigan, A., & Mawira, K. (2021). E-musrenbang: a digital framework for local participatory planning at the community level. International Development Planning Review.

ROAD MAP

2021

Governance and Community:

1. The role of ICT in integrated and adaptive urban governance
2. Complex system in urban governance.

Urban Growth and Dynamics:

1. Urban displacement and disaster.
2. Urbanisation and inclusive development across the urban-rural continuum

Mobility and Connectivity:

1. Transit-oriented development in Indonesian cities

Sustainable Infrastructure and Settlements:

1. Analysis of urban infrastructure development needs in Indonesia's new capital

Governance and Community:

1. Big data and cities in Indonesia

Urban Growth and Dynamics:

1. Urban innovation and disaster
2. Urbanisation and inclusive development across the urban-rural continuum

Mobility and Connectivity:

1. Urban mobility post COVID-19

Sustainable Infrastructure and Settlements:

1. Financing scheme and model for sustainable urban infrastructure provisioning in Indonesia

2022

Governance and Community:

1. Mainstreaming innovative technology for regional and urban planning and governance (big data, AI)
2. Inclusive and participatory approach to enhance multi-sector and multi-level coordination and collaboration

Urban Growth and Dynamics:

1. Driving growth centres in undeveloped areas
2. Urbanisation and land-use efficiency

Mobility and Connectivity:

1. Assessing connectivity in multi-modal network
2. Developing transit-oriented development model

Sustainable Infrastructure and Settlements:

1. Informal settlement (slum) upgrading
2. Adequate, safe, and affordable housing
3. Sustainable infrastructure design

2023

Governance and Community:

1. Comparative study of big data management in Southeast Asia

Urban Growth and Dynamics:

1. Urban productivity assessment in Indonesia
2. Urban poor and climate change

Mobility and Connectivity:

1. Transport corridors and megacities interconnectedness in Indonesia

Sustainable Infrastructure and Settlements:

1. Performance Assessment of Infrastructure Services to Support Achievement of the Sustainable Development Goals 2030

2024

ACTIVITIES AND PROJECT

RDI conducts research and consultancy projects every year, collaborating with multiple partners, both national and international. Key projects and collaborations include:

1. Digital Governance and Climate Adaptation, Case Study of E-musrembang with Groningen University
2. Integrating Mobility aspect Into Urban Community Resilience Assessment with World Resource Institute (WRI)
3. Study on Urbanisation, People's Mobility, and Inclusive Development Across the Urban-Rural Continuum in ASEAN with the ASEAN Secretariat
4. Ur-scape Training Workshop in Cirebon City with Future Cities Laboratory (FCL) Singapore
5. Baseline Analysis for Green Infrastructure Development with GIZ
6. Campaign and Advocacy Advisor for the Future is Public Transport (FiPT) with C40
7. Urban Community Resilience Assessment in Makassar with WRI Indonesia
8. Study on Digital Governance and Climate Adaptation with the UNiversity of Groningen
9. Seminar Series Awards on "Overlooked Cities: Thinking and Doing Global Urban Studies Differently in Bandung" on 6-8 September 2023

RUP has also been home to interns from universities across Indonesia, including the Institute Technology of Bandung, Universitas Gadjah Mada, Universitas Brawijaya, and Universitas Diponegoro, among others, who have an interest in regional and urban planning and design. RDI supports interns in developing their writing and research skills through the projects they are assisting in as well as their own independent research (Opinion Editorial/Op-Ed) that can be published on RDI's website.