

SURVEYING & CADASTRE RESEARCH DIVISION
FACULTY OF EARTH SCIENCES AND TECHNOLOGY
INSTITUT TEKNOLOGI BANDUNG

SPATIAL UNIT ADMINISTRATION

Contribution of Indigenous Communities
in Ambon Lease Region, Indonesia

Rizqi ABDULHARIS , INDONESIA



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INTRODUCTION (1)




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INTRODUCTION (2)

Source: kewang-haruku.org



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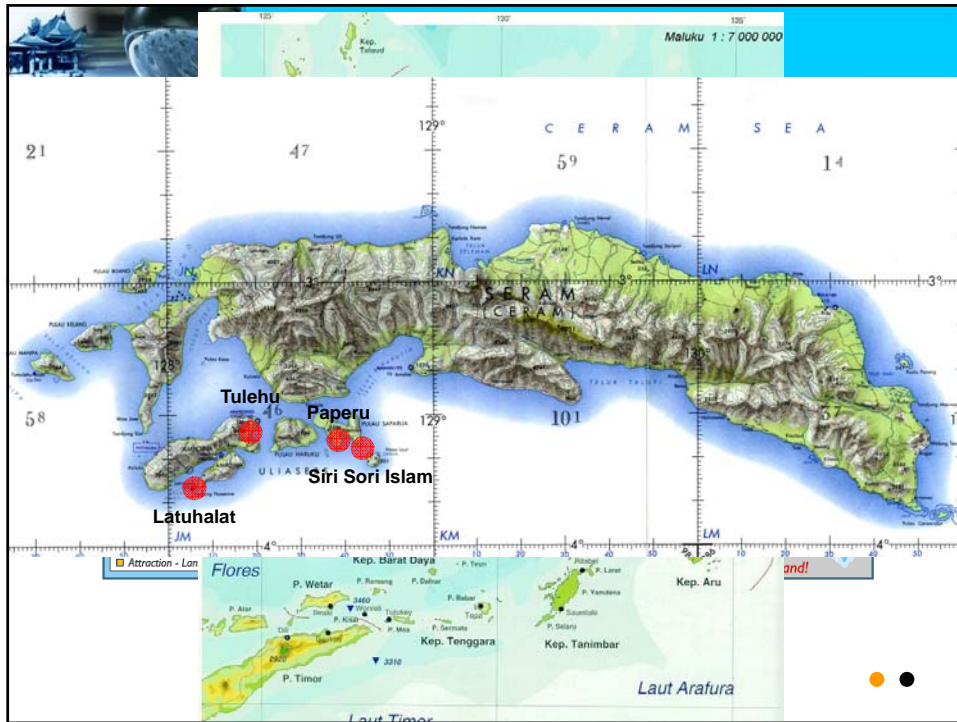
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INTRODUCTION (3)

Fact & Principle

- Recent marine administration: duplicating land administration
- Unified management is expected, by extending land management paradigm for sustainable development
(Williamson *et. al.* 2010)

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Spatial UNIT

Working Definition



A 3D unit that is wholly enclosed by either physical or imaginary surface(s), which is located partly or completely on, above and beneath the surface of the earth and sea



Spatial Unit ADMINISTRATION

Working Definition

An execution tool of policy regarding unique 3D Spatial Unit that comprises of space and resources on, in and below the land and sea, which encompasses public sector activities applied to the 3D Spatial Unit within the scope of Spatial Unit Tenure, Use and Value




Spatial Unit ADMINISTRATION

Scope of Public Term

A group of people, as:

- Cover units from family to multilateral jurisdiction



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Spatial Unit **ADMINISTRATION SYSTEM**

Working Definition

A fundamental infrastructure for facilitating Spatial Unit Administration, which is based mainly by its institutional, technical and financial arrangement

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Spatial Unit **ADMINISTRATION SYSTEM**

Hierarchy of Spatial Unit Administration System

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graph TD
    Registration --> Tenure[Spatial Unit Tenure]
    Tenure --> Legal[Legal Cadastre]
    Tenure --> Multipurpose[Multipurpose Cadastre]
    Tenure --> Fiscal[Fiscal Cadastre]
    Legal & Multipurpose & Fiscal --> Regulatory[Regulatory Cadastre]
    Regulatory --> Use[Spatial Unit Use]
    Regulatory --> Value[Spatial Unit Value]
    Use --- Forecasting
    Use --- Planning
    Use --- Development
    Use --- Money
    Value --- Appraisal
    Value --- Taxation
    Institutional --> Use
    Institutional --> Value
    Technical --> Legal
    Financial --> Fiscal
    
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Customary Spatial **UNIT ADMINISTRATION (1)**

Land Use Zone (1)



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Customary Spatial **UNIT ADMINISTRATION (2)**

Land Use Zone (2)



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Customary Spatial **UNIT ADMINISTRATION (3)**

Land Use Rules



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Customary Spatial **UNIT ADMINISTRATION (4)**

Land Tenure

- Communal Land
- *Dati* Land
- *Dati Pusaka* Land
- Usufructuary
- Leasehold
- Individual Freehold

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Customary Spatial **UNIT ADMINISTRATION (5)**

Marine Use Zone



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Customary Spatial **UNIT ADMINISTRATION (6)**

Marine Use Rules





Customary Spatial **UNIT ADMINISTRATION (7)**

Marine Tenure

- Communal Sea
- Automatic Usufructuary
- Usufructuary
- Leasehold





Customary Spatial **UNIT ADMINISTRATION (8)**

Institutional Aspect

- Integrated Management and Administration of Spatial Unit and resources attached to it
- For the greatest benefit of the people
- Spatial Unit Management and Administration is controlled by *kewang*
- Communalistic capacity building








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CONCLUSION


- Customary Spatial Unit Administration on its own right
- Entry point (1) for Integrated Customary Administration of Spatial Unit and resources: horizontal separation
- Entry point (2) for Integrated Customary Administration of Spatial Unit and resources: integrated sectoral institution



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Way FORWARD

- Cultural contest: modern vs traditional?
- Tools for sustainable development?





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