



Exploring of Possibility of Developing Multipurpose Marine Cadastre

INDONESIA

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OUTLINE

- Introduction
- Need for Multipurpose Marine Cadastre
- Aspects of Multipurpose Marine Cadastre
- Conclusion and Future Works







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Engaging the Challenges, Enhancing the Relevance Kuala Lumpur, Malaysia, 16 – 21 June 2014 Kuala Lumpur, Malaysia, 16 – 21 June 2014





INTRODUCTION

- As the largest archipelago country in the world, the management of Indonesia's marine and coastal territory has not been comprehensively done.
- Marine and coastal area should be administered more carefully.
- Marine Information is required to support of sustainable development and it should be well managed to support good marine governance.



NEED for Multipurpose Marine Cadastre

- Easy to define and analysis
- Accessible to wide range of interest
- Centralized marine data and information management
- As tool assist stakeholder in making important policy



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ASPECTS of Multipurpose Marine Cadastre

- LEGAL Aspects:
 - The regulations regarding multipurpose marine cadastre there are no specifics
 - The legal aspects could be approached by some regulation, such as:
 - UNCLOS,
 - Law No. 6 of 1996 on Indonesian Water,
 - Local jurisdictions in the form of provincial marine areas and marine area for county or city based on Law no. 32 of 2004 on Regional Government
 - Etc.





ASPECTS of Multipurpose Marine Cadastre

Technical Aspects:

 Some base map that may be used in Multipurpose Marine Cadastre, including: map scale, map reference and projection system, the method used for the data acquisition.



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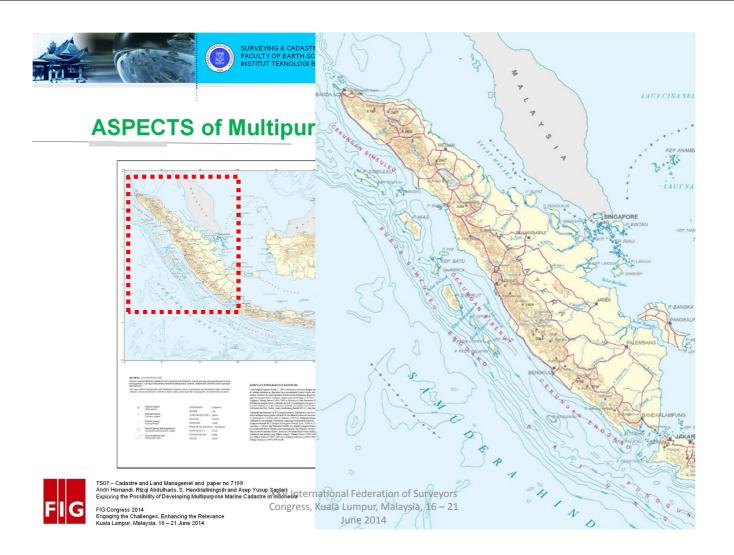




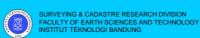
Some base map that may be used in MMC

No.	Base Map	Source
1	Map of Indonesia Coastal Environment	GEOSPATIAL INFORMATION AGENCY
2	Marine & Navigation Maps	Hydro-Oceanographic Office – Indonesian Navy
3	Gebco Maps (General Bathymetric Chart of The Ocean)	Hydro-Oceanographic Office – Indonesian Navy
4	Exclusive Economic Zone Maps and Outline Map Lists	Hydro-Oceanographic Office – Indonesian Navy
5	Technical Maps	Hydro-Oceanographic Office – Indonesian Navy
6	Marine Tourism Maps	Hydro-Oceanographic Office – Indonesian Navy
7	Map of Indonesian archipelagic sea lanes (Alur Laut Kepulauan Indonesia/ALKI)	Hydro-Oceanographic Office – Indonesian Navy
8	Cadastre Map	Land National Agency (BPN)









ASPECTS of Multipurpose Marine Cadastre

Institutional Aspects:

- There are three groups of stakeholder, which are public,
 private and community institution.
- Ministry of Marine and Fisheries has a wide-spread authority on utilization of marine space.
- Stakeholders from public institution group could further be divided into those which are responsible on policy constitution, policy implementation, and research on utilization of marine space.



ASPECTS of Multipurpose Marine Cadastre

Institutional Aspects



























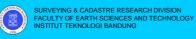


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Disscussion

- Indonesia is a maritime country having adequate marine spatial information;
- Some legal products already support for the development of MMC;
- Information about marine almost available in some institutions as a basis for the development of information MMC;
- Some agencies are already qualified in the development of the MMC



THANK YOU, TERIMA KASIH





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