

The Second UN-GGIM-AP Plenary Meeting

# The Latest of Spatial Web Services Provided by NGIAs

***Brunei Darussalam***

Teheran Iran  
29 October 2013

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Global Geospatial Information Management  
for Asia and the Pacific

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## Outline

- Name of Geospatial Information Web Services Platform and Key Features
- Serviced Data via the Platform
- Challenges and Future Works



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# Geoportal Ukur

- Year of First Creation : 2010**
- Current Creation Version Number : 1.0**
- 1<sup>st</sup> version of Geo-Portal for Survey Department internal usage
- Launched on the 17<sup>th</sup> October 2011 by the Crown Prince

### FUNCTIONS

- Viewing Orthophoto and cadastral data layers
- Enable users to search for Kampung (village) name, Lot number, Places of interest or Coordinates
- Online Payment (E-Payment)
- Provide easy access to basic Geoportal to both geospatial Professional and novice users



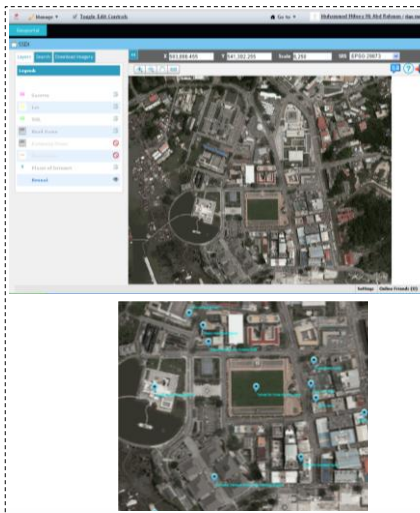
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# Serviced Data via the Platform (1)

- **Base Map**  
**[Name of Origin of Base Map]**  
**Orthophoto**  
**[Cover Area]**  
**Whole of Brunei**  
**[Scale]**  
**Based on images in 19cm and 50 cm Resolution**



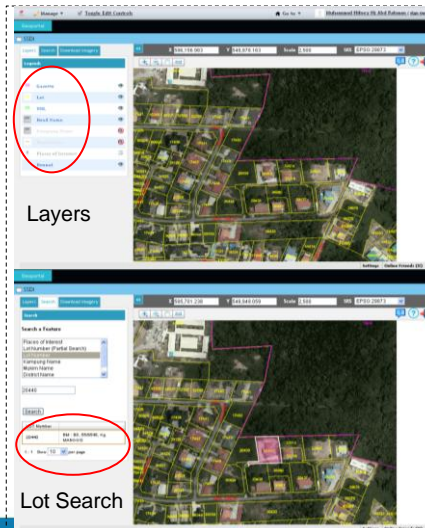
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## Serviced Data via the Platform (2)

- **Base Map**  
[Name of Origin of Base Map]  
**Land Parcel Layer**  
(Cadastral, TOL, Gazette)  
[Cover Area]  
Whole of Brunei  
[Scale]  
1:2500



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## Challenges and Future Works

### Challenges

- **Acquiring essential skills**
- **Policy on data sharing (standards)**
- **Data Pricing**
- **Dependent on external agencies**
- **Additional User Requirement**
- **Security**
- **Standalone Data**
- **Symbology**



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## Challenges and Future Works

### Future Works

#### [In This Year]

- The launching of Public Geoportal (based on images in 50cm Resolution) – Open to Public
- Online Payment

#### [In the Middle Term]

- To include more information from other sources (agencies) i.e. roads and drainage
- To update orthophoto

#### [In the Long Term]

3D information and disaster management



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