

IM4DC

Action Research Report

SUMMARY

Researcher:

Bernadetta Devi

School/Centre:

Centre for Social Responsibility in Mining

University/Institutions:

Sustainable Minerals Institute,
The University of Queensland

Key themes:

Governance and Regulation
Community and Environmental Sustainability

Key countries:

Indonesia

Completion:

June 2015

Research aims:

This research had two objectives:

- to understand the challenges and opportunities in working with geo-spatial data – specifically for pre-competitive data associated with mineral exploration in Indonesia
- to understand key respondents' perceptions in relation to pre-competitive data for minerals exploration – targeting data such as geo-scientific and other social and environmental data – and how it can be better managed and governed in Indonesia

For further information on this action research:

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For the report 'A GIS-based exploration initiative to steer sustainable development':

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A Rapid Assessment of Spatial Data Management and Governance Related to Exploration Targeting in Indonesia

The Centre for Exploration Targeting, the University of Western Australia and Centre for Social Responsibility in Mining, Sustainable Minerals Institute, University of Queensland conducted a collaborative research project entitled: A GIS-Based Initiative to Help Steer Sustainable Development: a pilot project for Indonesia.

The overall aim of this collaborative research was to provide an example of pre-competitive data releases, to not only provide new geoscience products but also, for the first time, to integrate data relevant to environmental, community and infrastructure development with the geologically formulated prospectivity maps.

This companion report to the main project describes a rapid assessment of spatial data management and governance related to exploration targeting.

A semi-structured questionnaire was designed with specific open-ended questions. Through the questionnaire, the author captured the experiences, opinions and perceptions of key stakeholders in Indonesia in applying GIS for regional planning and exploration targeting. Representatives of national, provincial and regency government were interviewed as well as those from mining companies and a regional university. The responses were analysed, triangulated with literature and summarised in this short report.

The main project report 'A GIS-based exploration initiative to steer sustainable development' can be found on the IM4DC website's Action Research publications page.