

# **I-SRI, an SDI Readiness Index for Local Government in Indonesia**

**Heri Sutanta, Head of Research Centre for SDI Development, Trias Aditya, Purnama Santosa, Diyono and Dany Laksono (Indonesia)**

**Key words:** e-Governance; Geoinformation/GI; GSDI; SDI readiness index; local government; assessment; Indonesia

## **SUMMARY**

Developing SDI at local government level faces different challenges than that of at the central government. While there are fewer impediments at the central government level, the situation commonly found at many local governments is far from ideal. They encountered various problems such as the availability of qualified personnel, good IT infrastructure, availability of reliable internet network and subscription, clear vision and support from the district leaders, and lack of spatial data. To overcome these problems, firstly a thorough assessment on the SDI readiness needs to be conducted. We propose I-SRI, Indonesian SDI Readiness Index as a measure for local government in Indonesia. The aim of I-SRI is to portray the current status of SDI readiness and implementation at the district/city and provincial government in Indonesia. The index resulted would be beneficial for developing policy for appropriately providing assistance for those who need most and awarding recognitions for those who perform well. Such index should portray all aspects of SDI: policy and institutional aspect, human resources, technology, and spatial data availability. In the I-SRI, these four aspects were elaborated into more detailed sub-components of pre-requisites element of readiness. Each sub-component was then assigned individual weight based on their importance. Similarly, the main components were also assigned individual weight. The weights of the main and sub-components were determined using expert judgment method based three separate workshops. Finally, the indexes were obtained by summing all the multiplication results of the weight of the main components and sub-components and then normalize them to obtain a value of 0 to 100. This paper presents the method to develop the I-SRI and the initial findings for some districts/cities and provinces in Indonesia.