**UTILIZATION OF RS DATA AND GIS FOR ACCELERATING ADMINISTRATION BOUNDARIES DELIMITATION: CASE STUDY CENTRAL KALIMANTAN PROVINCE, INDONESIA**

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**ABSTRACT**: As a consequence of Law No. 32/2004 on Regional Government, is the increasing number of local governments due to regional administrative growth, this has implications for increasing boundaries between regions. Until now, the boundaries between regions totaled 946 segments, and only 14% had been confirmed by Ministry of Home Affair Regulatory (Permendagri) (Subowo, 2012 in Batubara, 2013). Therefore, it is needed effort to accelerate the determination of boundaries between regions. Through utilization of remote sensing imagery and GIS analysis is as an alternative method to accelerate the process towards the establishment of the border. After pre-processing process, then was done delineation by using cartometric method as visualization of boundary in the field. The results of this cartometric boundary, is requested clarification through discussion with local governments and communities. Utilization of remote sensing image and GIS in this process helps to reduce the measurement boundary point in the field so can save time and costs. Where previously, as stated in Permendagri Number 1/2006, focused on the assertion border in order to create a clear and definite areas boundaries of both juridical and physical aspects in the field, so that the process takes more time. These corridor maps and recommendation as technical assessment proposed by Information Geospatial Agency (BIG) to Ministry of Home Affairs as input for establishment of legal aspect. This acceleration effort on administration boundaries delimitation between regions will accelerate the establishment of legal certainty and reduces the horizontal conflicts in Indonesia.