Estimating feature extraction changes of Berkelah Forest, Malaysia from multisensor remote sensing data using an object-based technique

Syaza Rozali¹, Zulkiflee Abd Latif¹, Nor Aizam Adnan¹, Yousif Hussin², Alan Blackburn³, Biswajeet Pradhan^{4,5,6,7}

¹Applied Remote Sensing & Geospatial Research Group (ARSG), Centre of Studies for Surveying Science and Geomatics, Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia.

²Department of Natural Resources, Faculty of Geo-information Science and Earth Observation (ITC), University of Twente, 7500 AE Enschede, The Netherlands.

³Lancaster Environment Centre, LEC Building, Lancaster University, LA1 4YQ U.K.

⁴The Centre for Advanced Modelling and Geospatial Information Systems (CAMGIS), School of Information, Systems & Modelling, Faculty of Engineering and Information Technology, University of Technology Sydney, NSW 2007, Australia

⁵Center of Excellence for Climate Change Research, King Abdulaziz University, P. O. Box 80234, Jeddah 21589, Saudi Arabia

⁶Department of Energy and Mineral Resources Engineering, Sejong University, Choongmu-gwan, 209 Neungdong-ro, Gwangjin-gu, Seoul 05006, Korea

⁷Earth Observation Center, Institute of Climate Change, Universiti Kebangsaan Malaysia, 43600 UKM, Bangi, Selangor, Malaysia