A KOMPSAT-3 Tasseled Cap Transform

 Cofficients for Myanmar

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**Abstract:** The KOMPSAT-3 was launched on May 18, 2012 in a sun-synchronous orbit with the 28 revisit day. The objective of this paper is to evaluate Brightness, Greenness, and Wetness Tasseled Cap (TC) coefficients derived from four KOMPSAT-3 multi spectral (MS) data applied to monitoring agricultural and forest areas in Myanmar, because the TC transformation can be used in analyzing vegetation. The changes in TC values between different acquired MS data will be used to interpret the digital land-cover change over Myanmar.