

DERIVATION OF A TASSELED CAP TRANSFORMATION FOR KOMPSAT-2 IMAGERY

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ABSTRACT: This paper presents the tasseled cap transformed bands of KOMPSAT-2 images. Nine KOMPSAT-2 images over Korean Peninsula were acquired for the derivation of tasseled cap transform coefficients. The brightness index, greenness index and wetness index of the derived transformation were evaluated. These indices can be used for agroforests monitoring.