

عنوان مقاله:

GEOMETRIC PROCESSING OF IRAN'S IKONOS GEO IMAGE WITH & WITHOUT DSM

محل انتشار:

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خلاصه مقاله:

Although Ikonos imagery has been commercially available since early 2000, the use of this imagery and especially the scientific investigations on its potential use in various applications has been restricted to various reasons, the main ones are related to the closed policy of Space Imaging and also high spatial, spectral, temporal and radiometric resolutions of Ikonos image as well as flexible viewing capability of the satellite. In this paper a detailed assessment of the planimetric accuracy of high resolution (1m) panchromatic Ikonos orthoimage products are presented. Low precision and cost of georeferenced Ikonos image products (Carterra Geo, 50 m, CE 90) orthorectified. Planimetric accuracies of 2 m CE90 can be obtained from georeferenced Ikonos using digital surface model (DSM) with RMS vertical accuracy better than 1m. An Ikonos Geo image with semi rigorous and also DLT, 2D projective, polynomials, .multiquadrics methods have been used in the test. The test area covers Hamedan city of Iran

کلمات کلیدی:

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