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RADIOMETRIC BLOCK ADJUSMENT AND DIGITAL RADIOMET

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Abstract. In this paper we present a radiometric block adjustment method that is re and to the concept of a terrain Digital Radiometric Model (DRM) as a complement surface models. A DRM, in our concept, is a function that for each ground point reside Bidirectional Reflectance Distribution Function (BRDF). In a similar way to the terrain given an image block of some terrain area, we split the DRM generation in two phase DRM generation. In the paper we concentrate on the radiometric block adjustment preliminary DRM generator. In the block adjustment step, after a radiometric preradiative transfer parameters, and ground reflectances and BRDFs at the radiometric block adjustment is based on atmospheric radiative transfer (ART) mod radiometric ground control points. The proposed concept is implemented and applied the obtained results are presented. The DRM and orthophoto mosaics are generated at the seam lines.

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