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THEMATIC MAPPER SIMULATION IN CANADA

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ABSTRACT

The prospect of receiving remote sensing data from the improved multispectral scanners to be carried on the Landsat D and SPOT satellites has aroused a great deal of interest in the Canadian remote sensing community. This interest has led the Canada Centre for Remote Sensing to modify its airborne multispectral scanner to provide simulated Thematic Mapper data, allowing Canadian researchers the possibility to explore the opportunities and problems which will result from the availability of actual Thematic Mapper Data beginning in 1983. In this paper we discuss the way simulated Thematic Mapper data have been made available, some of the studies which have been conducted with Thematic Mapper simulation, and the results which have been obtained.