

Abstracts

Microwave Scattering from the Ocean Surface

W.L. Jones, W.L. Grantham, L.C. Schroeder, J.W. Johnson and C.T. Swift. "Microwave Scattering from the Ocean Surface." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 26-28.

This paper is a review of current aircraft and satellite microwave remote sensing programs concerned with the measurement of ocean wave and surface wind conditions. These particular measurements have been identified by the user community as offering significant economic and technological benefits. Active microwave remote sensing techniques for these applications have been described theoretically and verified experimentally. The results of recent aircraft and satellite experimental programs are presented herein along with plans for the SeaSat - A Satellite Scatterometer.

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