



UXO/landmine detection research - the necessity of a comprehensive approach

U. Boettger

DLR - Institute of Transport Research, 12489 Berlin, Rutherfordstr. 2, Ute.Boettger@dlr.de

Mine detection to date is mainly performed with prodders, metal detectors, dogs and clearance machines, although new methods for UXO/landmine detection are explored worldwide. A survey of these methods is given. The main problem for landmine detection research is analysed and an approach for solution is presented. Three detection methods (metal detector, GPR and IR-Polarimetry) will be explained in more detail to illustrate this approach.