Military Vehicle Mobility

Lockheed Martin, Derek Ward

Mobility Map **without using** SMAP data,
Assuming soil 30% saturation

White denotes areas identified as GO mobility for 4 vehicle types.

Mobility Map **using** SMAP data,
With a continuum of soil moisture information

With SMAP, we are better able to predict mobility of vehicles in Central Indonesia.

NATO Reference Mobility Model is the basis for the calculations.

HumVee       ATV       Transport Truck       Light Truck