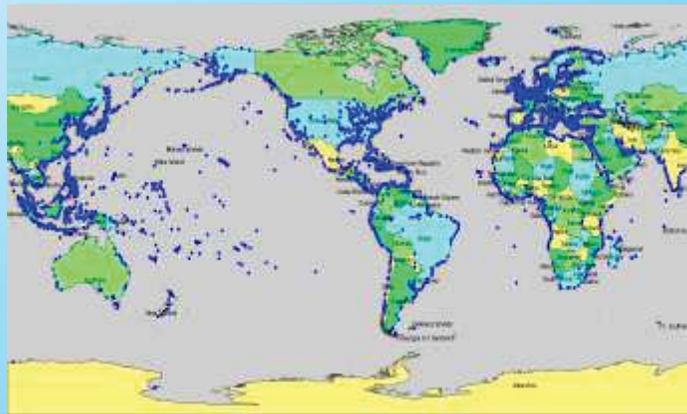


# Operationalizing Explosives Safety Knowledge

Data Systems Sciences & Engineering Group

Computational Sciences & Engineering Division



- **Problem Statement:**
  - Explosives Safety and Munitions Risk Management (MRM) information gaps exist in the DoD Adaptive Planning and Execution process which pose potential risks to mission success and the operational environment
- **Technical Approach:**
  - Create a process to identify and reduce munitions-related risk by integrating MRM policies into the Joint Operations Planning Process
  - Create comprehensive assessment templates for collecting and analyzing logistic node data
  - Develop an Explosives Safety Planner tool for assessing Net Explosives Weight effects at logistics nodes
- **Benefits:**
  - Identify and reduce munitions-related risk during operational planning
- **Technology Readiness Level 9**

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