HUMMA Field Programs –16,000 M47A2 Munitions

2007 Sonar Mapping Survey

2009 Sampling and Analysis: Human Occupied Vehicles

2011 Sonar Mapping Survey

2012 Sampling and Analysis: Human Occupied Vehicles

2014 Sampling and Analysis: Remotely Operated Vehicle JASON 2 (WHOI); 21-28Oct14

Total field programs: 5
Total days at sea: 45
Total cost: $US 7.5M
Monitoring Sites
Remediation: When is the Solution Worse than the Problem?
The 1,000 Word Picture – What is Natural Deterioration?