



Army Sustainable Range Program (SRP)

US Army Europe Integrated Training Area Management (ITAM) Program – Training Support and the Environment



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Agenda

- **ITAM Program / Introduction**
 - **Historical**
 - **Mission**
- **Monitoring**
- **Land Rehabilitation and Maintenance**
- **GIS Products and Services**
- **Outreach**
- **Final Thoughts**



About the ITAM Program

ITAM is one of two DA G3 “Enabler” programs - the other, RTLP – that supports the objectives of the Army Sustainable Range Program (SRP) to **maximize the capability, availability, and accessibility of ranges and training land** (AR 350-19)

Strategy: Recognize inherent **requirement to train on land**, the **effects** of training on the land, and the Army’s need to **sustain** its training land assets and its responsibility for environmental stewardship.

Intent: Execute ITAM **within operations and training channels**

Components:

1. Land Rehabilitation and Maintenance
 2. Range and Training Land Assessment
 3. Training Requirements Integration
 4. Sustainable Range Awareness
- ❖ Geographic Information System

Managing the Army’s Training Land “Platform” to Sustain its Future Use for Training



Integrated Training Area Management

ITAM Mission



- Land Rehabilitation and Maintenance
 - ✓ Initial Focus: JMRC Hohenfels ('87 Flood)
 - ✓ Check Dams / Retention Basins ('90s)
 - ✓ 3K Acres Reseeded Annually ('90)
- Land Condition Monitoring
 - ✓ Land Condition Plots Monitored Annually ('86)
 - ✓ Annual Satellite Imagery ('86)
 - ✓ Runoff Monitoring Stations ('93)
- Geographic Information System (GIS) Data Acquisition
 - ✓ Aerial Orthoimagery ('92)
 - ✓ LIDAR (Sub-Meter Elevation Models) ('03)
 - ✓ NAVTEQ ('04)

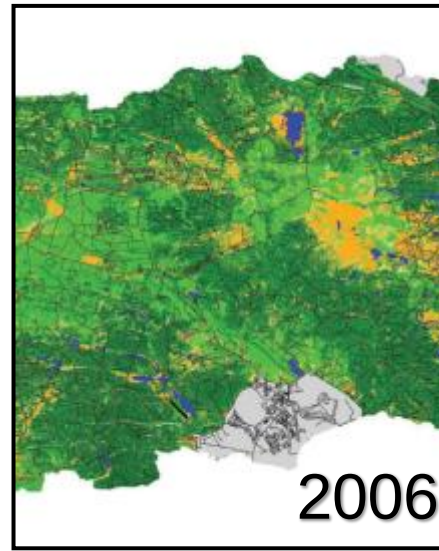


Traditional Perspective

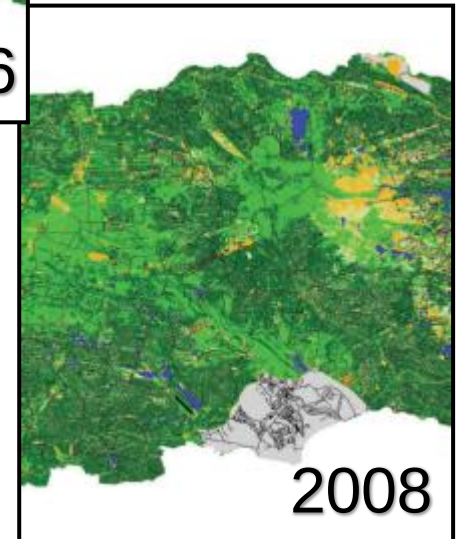


RTLA is used to characterize and monitor natural resources, geospatially and temporally. RTLA assessments generate installation-specific ecological information that is used to evaluate the impacts of training and testing activities.

USAREUR Perspective



The **USAREUR RTLA** program identifies and tracks the distribution of land cover types using satellite imagery interpretation.



Traditional Perspective

- LRAM projects were dominated by the concept of “sustainability” with a focus on the construction, repair and maintenance of a training area’s erosion control infrastructure.
- Currently the state of USAREUR’s Training Areas infrastructure is strong, and, in some cases, the roads and maneuver space are in a condition far superior to that of the Contemporary Operating Environment (COE).

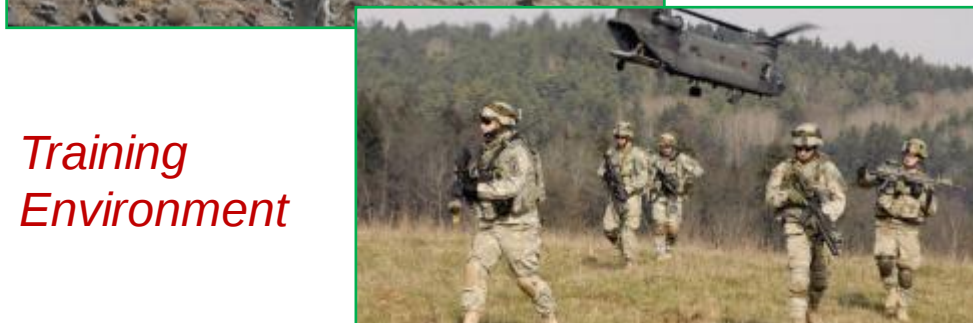


In the Future!

- USAREUR ITAM will place a higher priority on projects that enhance training realism by attempting to create realistic training environments.



Operating Environment



Training Environment

Select observations from the Afghanistan OE:

- Agriculture / pastoral land use surrounding villages
- Narrow passages
- Obstacles to walk over or hide behind, curbs, roofs, trash, low hanging wires.
- Lack of developed roads
- Recovery of vehicles
- Mountain, dismounted, rough terrain, little mounted





- **Hard Copies**
 - Soldier Field Cards
 - Installation Special Maps
 - Map Atlases
 - Raised Relief Maps
 - Military Installation Maps (MIMs)
- **Online**
 - SRP Website
 - Army Range Mapper
- **DVD**
 - ITAM Viewer
 - Flight Simulator

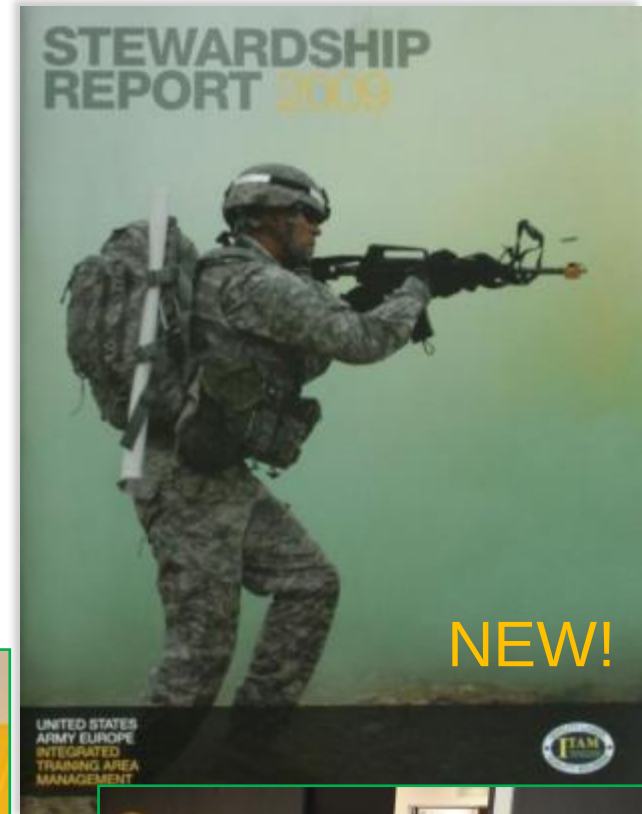


USAREUR Standard Product Line:

- Hard Copies
 - Soldier Field Cards
 - Installation Special Maps
 - Map Atlases
 - Raised Relief Maps
 - Military Installation Maps (MIMs)
- Online
 - **NEW** - Army Range Mapper (ARM)
 - **NEW** - SRP Website
- DVD
 - **NEW** - ITAM Viewer
 - Flight Simulator



- Public support is critical for mitigating range encroachment challenges that can restrict or shut down training activities. **Much of the public is not aware of how or why the U.S. Army trains.**
- USAREUR ITAM plays an active role in supporting community outreach events, including dissemination of informational products detailing USAREUR's environmental commitment.





Integrated Training Area Management Sharing with Multinational Partners



Swaziland



Tanzania



Romania



Malawi



Integrated Training Area Management Quality Lands, Quality Soldiers



Questions?

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