U.S. ARMY
INTEGRATED TRAINING AREA MANAGEMENT (ITAM)

ACHIEVING SUSTAINABLE USE OF U.S. ARMY TRAINING LAND IN EUROPE

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1. U.S. Army Sustainable Range Program (SRP) GIS

2. SRP Principles

3. Integrated Training Area Management (ITAM)

4. SRP Geographic Information Systems

5. U.S. Army Europe SRP Regional Support Center

6. SRP GIS Products and Applications
Sustainable Range Program Principles

**Information Excellence**
Ensures the U.S. Army is using the best available information and science to support its ranges and land assets. Information excellence also ensures that the U.S. Army has an increased understanding of the environmental impacts of live-fire training and a user assessment of the doctrinal implication of U.S. Army transformation that affects live-fire training.

**Integrated Management**
Ensures that management is functioning correctly, such that ranges and land assets are integrated effectively into supporting the training mission. As indicated in the name, the ITAM program works cooperatively with multiple stakeholders, such as the Training Command, the Garrison Command, the host nation military, the local environmental authorities, and the surrounding local population.

**Outreach**
Provides an outlet for the U.S. Army to explain to the public why training activities are essential to the U.S. Army’s mission and improves the U.S. Army’s understanding of public perception of, and concerns about, the U.S. Army training and range operations.
Integrated Training Area Management (ITAM)

**ITAM COMPONENTS**

- Training Requirements Integration (TRI) provides training support procedures that integrates training requirements with management of natural and cultural resources.

- Range and Training Land Assessment (RTLA) characterizes and monitors an installation's natural resources, geospatially and temporally.

- Land Rehabilitation and Maintenance (LRAM) implements preventive and corrective land repair projects that ensure availability of training lands.

- Sustainable Range Awareness (SRA) promotes visibility of environmentally sensitive issues and instills a stewardship ethic among unit commanders, ground troops and neighboring communities.

- Geographic Information System (GIS) is a foundational element of SRP. GIS provides accurate, complete and standardized spatial data. GIS data and products adhere to Federal, DoD and Army spatial data standards.
SRP Geographic Information Systems

- The SRP GIS Mission is to create, analyze, manage, and distribute authoritative standardized spatial information, products, and services for the execution of training strategies and missions on U.S. Army ranges and training lands.

- SRP provides GIS Support for over 200 U.S. and host nation training sites across Europe.
Enterprise GIS Concept

Standardized, central data repository = source for all products and services

Oracle Database

Field Survey

Printed Map Sheets

Desktop Data Viewers and Analysis Tools

Online Viewers and Information Portals

Mobile Apps

Data Development

Data Model and Standards

SUSTAINABLE RANGE PROGRAM

DATA DEVELOPMENT

FT11 Quality Assurance Plan (QAP)

ArcGIS
GIS Products

STANDARDIZED MAP PRODUCTS

NGA Military Installation Maps (MIM)

Installation Special Maps

Soldiers Field Cards

USAREUR Command Overview Map

Installation and Regional Raised Relief Maps

Range Maps
GIS Products

CUSTOMIZED MAP PRODUCTS
GIS Applications

AERIAL IMAGERY and TOPOGRAPHIC/VECTOR GEOSPATIAL DATA for:
- Grafenwoehr and JMRC Hohenfels
- Local Training Areas
- Bundeswehr Training Areas
- Italy Training Areas
- Joint Forward Operating Sites

USAREUR Sustainable Range Program
https://srp.usareur.army.mil
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ONLINE

GIS Applications

Networked, remotely updated kiosks provide access to current maps and data

ON-SITE

Training Support Map Kiosks

"One Stop Shop" for Training Support Information in Europe

Where do you want to train today?
GIS Applications

Available on ITunes App Store

Search for “ARM Mobile” or “Soldier’s Field Card App” in the Apple ITunes App Store
GIS Applications

USAREUR Environmental Officer Guide – Coming Soon!
Summary

- The SRP ensures range and training area management is integrated with both environmental and training mission requirements.

- The ITAM program achieves this integration by providing the “bridge” between training planners and environmental stewards.

- Through its dedicated outreach, the ITAM program engages military commanders, garrison environmental departments, host-nation organizations and civilians in the development process.

- The SRP GIS program supports training mission planning, land management and environmental projects by providing authoritative spatial information and products.

- The GIS applications enable all U.S. DoD personnel and partners to access the visualization and analysis tools of GIS, to help inform planning decisions at all levels.
Questions / Comments

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