



CTRO

Innovation in Mine Action Remote Reporting and Analysis

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Agenda



INNOVATION

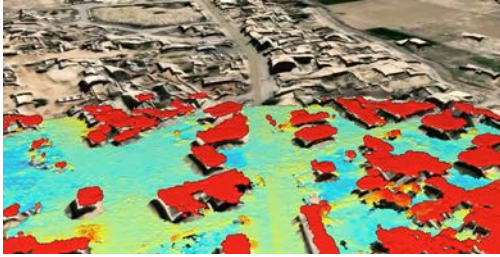


1. Innovation in Remote Sensing

1. Innovation in Data Sharing

1. Innovation in Data Management

Innovation in Remote Sensing



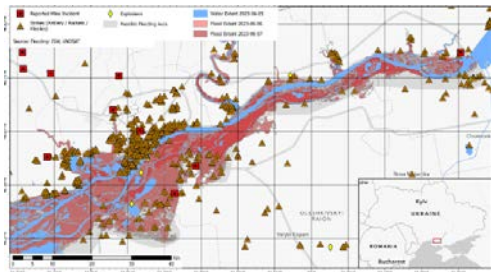
Syria

3d models estimate rubble volume



Afghanistan

AI models provide evidence of impacts of Land Release

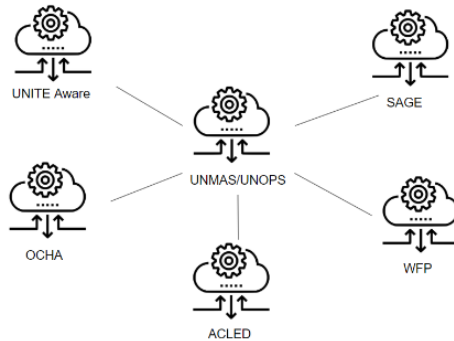
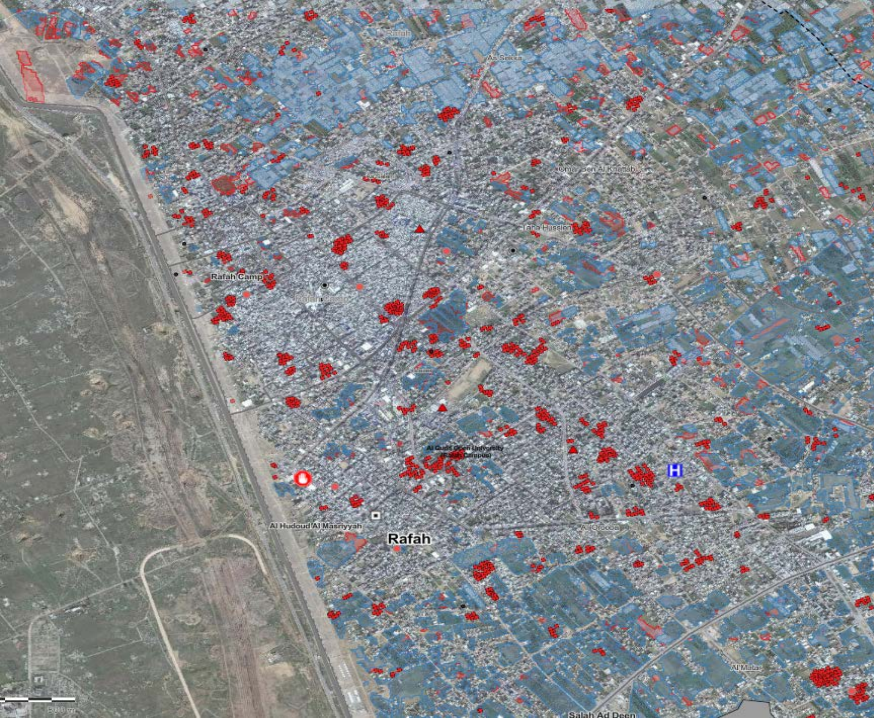


Ukraine

Forecasting models predict impact of flooding on EO

Innovation in Data Sharing

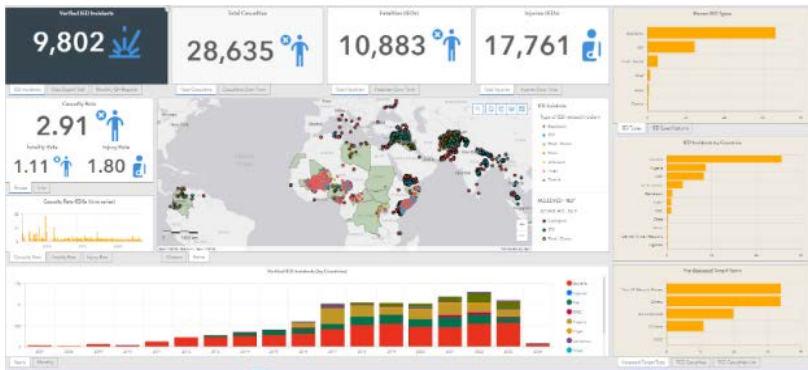
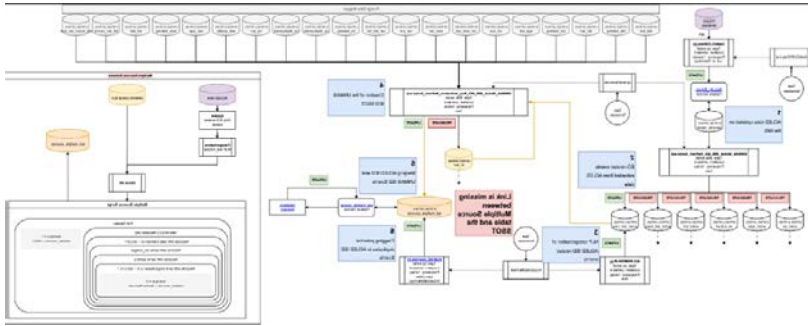
- UNOPS views information management systems as hubs within a network of partners
- Automate data sharing with partners
- Simplifies planning and removes resource-heavy data processing
- Example: Mapping tool developed for Operational Planning of Mine Action activities in Gaza



Innovation in Data Management

Natural Language Processing

Automatically detect, clean and catalog reports from multiple data sources into highly accurate datasets




Example: Global IED Reporting

IED Reports from multiple external sources are merged with internal reporting, providing decision makers with a more comprehensive assessment of the current threat, and its emerging trends

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