



Military Contribution to Countering Hybrid Threats



Description



“A hybrid threat is one posed by any adversary with the ability to simultaneously employ conventional and non conventional means adaptively, in pursuit of their objectives”.

MCWG(SP&C) 29 Apr 2010



Hybrid Threats Challenges for NATO

- Environmental Understanding
- Winning the Battle of Perception/Narrative
- Increasing Access to High End Technology for Non State Actors
- Adaptability and Agility of Actors



Short Term Requirement



Example of COM ISAF COIN Key Requirement (out of 17)

The people are the prize

Language training

Understand the operational environment

Information Management Centers

Train decentralized ops to the lowest level

Develop learning organizations

Pre-Deployment
Training
Adaptation



&
Integration
into broader
Hybrid
Threats
Analysis

Hybrid threats areas of impact

Command/Control

Intelligence and Information

Communication

Flexibility and Interoperability

Network Systems

Protection and Consequence Management

Education and Training

WMD/WME



Long Term Capability Development



Hybrid threats areas of impact

Command/Control

Intelligence and Information

Communication

Flexibility and Interoperability

Network Systems

Protection and Consequence Management

Education and Training

WMD/WME

NATO
Defence
Planning
(2012)



Example of likely Hybrid threats shortfalls linked to NATO Current Priority Shortfalls Areas (30 / 50)

1- JISR Planning, direction and collection management

3- Deployable C2

6- Knowledge development and decision support

7- Computer network defence

18- CIED

Etc...

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United States Joint Forces Command Joint Irregular Warfare Center

Mr. Jim O'Connell
Director

Joint Irregular Warfare Center

The Joint Irregular Warfare Center leads, coordinates, and integrates efforts across USJFCOM, the Department of Defense, and other partners to ensure the abilities to conduct Irregular Warfare and Urban Operations are core competencies of the Joint Force.

JIWC serves as:

- **USJFCOM's IW command proponent and advocate for Concepts, Capabilities, Training, Doctrine, Interoperability**
- **Joint Force advocate for IW with Joint Staff, COCOMs, Services, OSD, and Multinational Partners**
- **DoD Executive Agent for Joint Urban Operations Interoperability, Concepts, Modeling and Simulation Development**

Irregular Warfare: A violent **struggle among state and non-state actors for legitimacy and influence over the relevant population(s)**. Irregular warfare favors indirect and asymmetric approaches, though it may employ the full range of military and other capacities, in order to erode an adversary's power, influence, and will.”

Joint Publication 1-02.



Hybrid Threats



Dense, complex terrain



Battle of the Narrative



UNCLASSIFIED

Irregular Warfare Focus Areas

- Counter IED Organization/Doctrine
- Information Sharing
- Small Unit Development
- Strategic Communications and Information Operations
- Aviation IW Capabilities
- Culture and Language Skills
- Enabler Support
- Civilian/Military Teaming
- Professional Military Education
- ISR Processing, Exploitation and Dissemination
- Security Force Assistance
- Precision Guided Munitions and High Technology Sensors Defeat
- Maritime IW Capabilities

Industry Support Areas

- Immersive Simulation Technologies
- Geospatial terrain and data visualization capabilities
- Culturally valid modeling of entity behavior
- Next generation handheld translators
- Individual movement tracking/locating
- Tunnel Detection
- Through-wall sensing
- Non-Lethal/Less-Than-Lethal Capabilities
- Reliable Joint and Coalition Tactical Communications
- Broadband cellular capabilities
- Capabilities to retransmit biometric data to enable real time identification of personnel of interest



