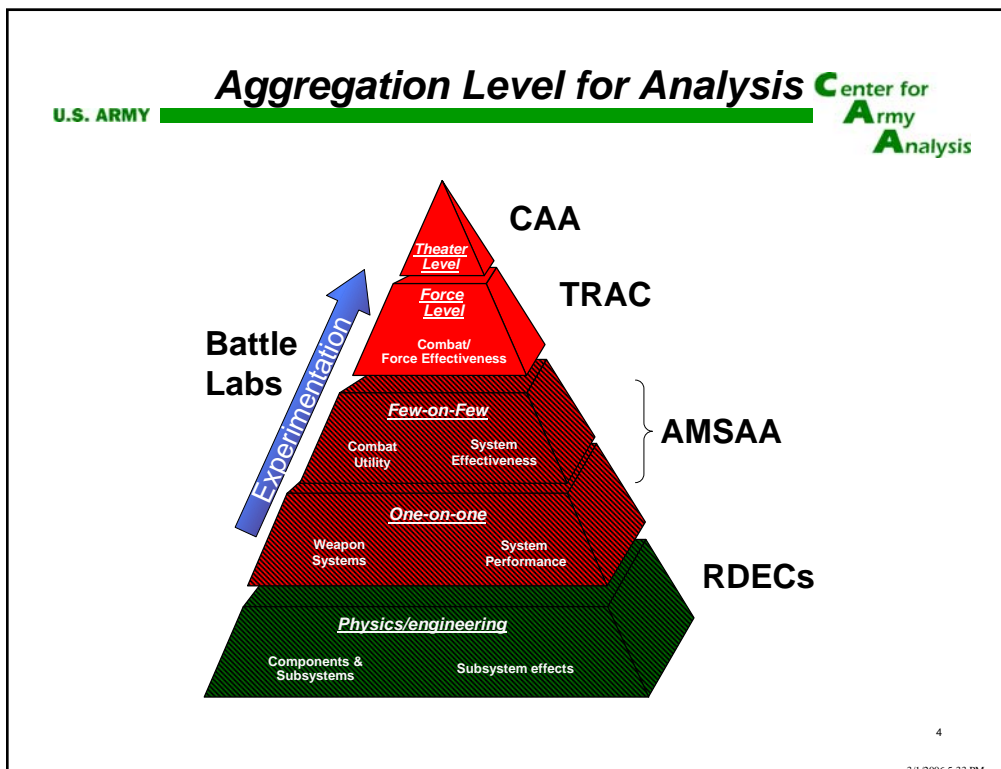
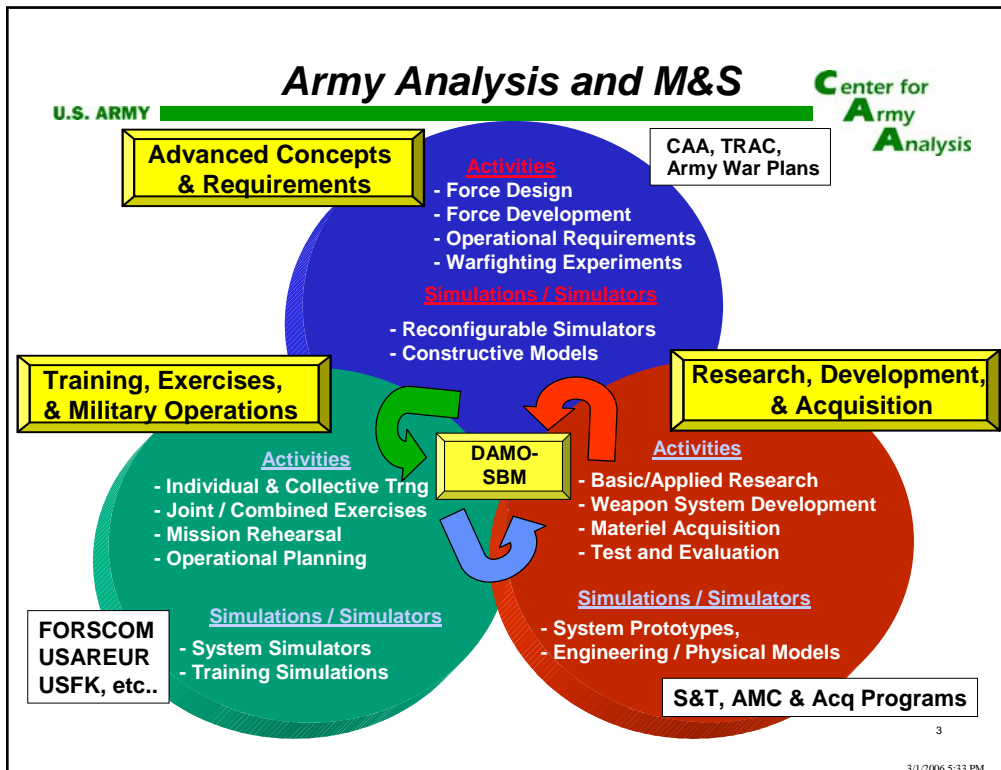


**Army Plenary Brief  
for the  
Analysis for Non-Traditional Security Challenges:  
Methods and Tools  
MORS Workshop**

**Center for Army Analysis  
21 February 2006**

***Outline***

- Army Analysis Organization**
- Top-Down View of Non-Traditional**
- Support to the War**

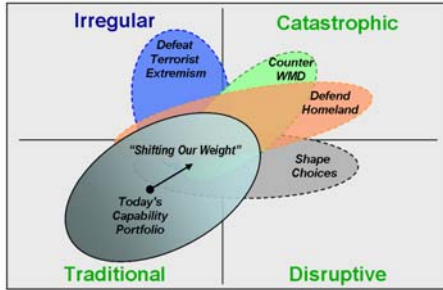


# Strategic Guidance

U.S. ARMY

Center for Army Analysis

## Re-balancing Future Force Capabilities



4 Strategic Challenges, 4 Focus Areas

## Refined Force Planning Construct

### Construct for shaping the future force

- Steady-state & surge operations
  - Homeland Defense
  - Sustained Irregular Warfare
  - Conventional Campaigns
- Tailored Deterrence
  - Advanced military competitors, rogue states, terrorist networks
  - Strengthened deterrence against opportunistic aggression/coercion
- Two-war capacity
  - Varying levels of effort
  - Stress-on-the-force elasticity



+ Force Planning Missions

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# Elements of the Strategy

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## Views of the Strategy

4 Challenges	4 Focus Areas	Force Planning Missions
Traditional	GWOT	HLD – steady state
Irregular	HLD	HLD - surge
Disruptive	Shape Choices	TSC / Deterrence
Catastrophic	Loose WMD	LCs
		GWOT
		SASO
		MCO: WD+SD

- Integrated Elements
  - Traditional / Shape Choices / MCO + Deterrence
  - Irregular / GWOT / SASO + MCO-Phase IV
  - Irregular / GWOT / TSC
  - Catastrophic / HLD / HLD
  - Disruptive / Shape Choices / MCO
- Loose Fits
  - Irregular + Traditional / ? / LCs
  - Irregular + Catastrophic / Loose WMD / ?

Land Power Missions

Theater Analysis  
Feeder Analysis  
Support Analysis

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## Strategy Mix and Integration

- Scenario Mix
- Force Management
- Force Planning
- Acquisition
  - Future Force (Future Combat System)
  - Other
- Stationing + Integrated Global Posture and Basing

} Army Force Generation

Each area requires different analysis techniques

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## Research Priorities

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> C4ISR                     <ul style="list-style-type: none"> <li>● HUMINT in tactical Ops</li> <li>● Degraded comms networks</li> <li>● BDA</li> </ul> </li> <li><input type="checkbox"/> Urban Operations                     <ul style="list-style-type: none"> <li>● Tactical mobility</li> <li>● Sensor modeling</li> <li>● Physical structure</li> </ul> </li> <li><input type="checkbox"/> Logistics                     <ul style="list-style-type: none"> <li>● Distributed operations</li> <li>● Command and Control</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Soldier                     <ul style="list-style-type: none"> <li>● Quick reaction engagements</li> <li>● Soldier and non-combatant interaction</li> </ul> </li> <li><input type="checkbox"/> Joint Interagency Multinational                     <ul style="list-style-type: none"> <li>● COIN</li> <li>● Interagency capabilities in SASO</li> <li>● HLD</li> </ul> </li> <li><input type="checkbox"/> Operational Environment                     <ul style="list-style-type: none"> <li>● Non combatant representation</li> </ul> </li> </ul> |
|--|--|

Common themes: complex environment, non combatants, C4ISR

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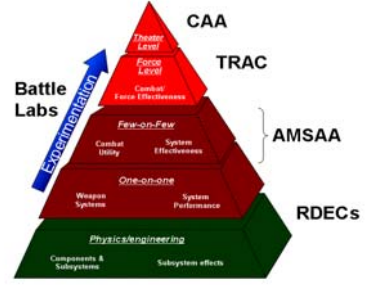
## Support to OIF / OEF

- Army analysis agencies are providing support
  - Embedded analysts in theater
  - Reach-back support
- Analysis customers include:
  - MNF-I, MNC-I, MNSTC-I, CFC-A, OSC-A, JIEDDO / JIEDDTF, rapid acquisition initiatives, individual units

## OIF / OEF Analysis Examples

- Army / Theater (CAA):
  - Campaign Plan MOE development (CFC-A, MNF-I, CENTCOM)
  - ARFORGEN deployment cycles and force management
  - Fleet recapitalization
  - Operational Need Statement Analysis
  - JIEDDO / IEDDTF
  - Attack trend analysis
  - Casualty trend analysis
  - Coalition Building – Afghan National Army and Police force size
- Mission (TRAC)
  - Predictive Threat Analysis (Threat Mapper)
  - Convoy protection
  - Counter Mortar Analysis
  - COIN Doctrine Development
- System (AMSAA)
  - Uparmoring analysis
  - Equipment aging & failure rates
  - IED analysis
  - Individual protection
- OT&E (ATEC)
  - Rapid equipment fielding support (e.g. gun truck)
  - UAV Performance

- Unsure if the “traditional” analysis pyramid works on non-traditional
  - Does the theater level know how to integrate the piece-parts?
  - Is the breadth of the pyramid mis-focused? (e.g. do we need a broader base?)
  - Is the shape right? (e.g. are we skipping levels like mission?)



- The Army is at war, non-traditional analysis is focused on supporting current operations
  - Decentralized analysis to support a variety of customers
  - The war is changing HQDA & COCOM business practices and analysis questions
  - Analysis support doctrine is in development

**Dynamic environment**