

Atterbury-Muscatatuck

A night-time photograph of a city skyline, likely Hartford, Connecticut, with a large, bright fire or explosion in the center of the sky. The city lights are visible in the foreground and middle ground, and the sky is dark with a large, glowing orange and yellow fireball in the center.

Business Plan



**GLOBAL TRENDS 2025:
A TRANSFORMED WORLD**



**The DCDC Global
Strategic Trends
Programme**

2007-2036



Third Edition

the **JOE** 2010
JOINT OPERATING ENVIRONMENT



READY FOR TODAY. PREPARING FOR TOMORROW.

J. Joseph Hewitt, Jonathan Waxensmith, and Ted Robert Gurr



**PEACE AND CONFLICT
2010**

EXECUTIVE SUMMARY

PROJECT ON NATIONAL SECURITY REFORM

**FORGING A
NEW SHIELD**

NOVEMBER 2008



**COUNCIL ON
FOREIGN
RELATIONS**

Center for Preventive Action

Council Special Report No. 48
December 2008

Paul B. Stares and Michal Zenko

**Enhancing U.S.
Preventive Action**



STRATEGY FOR THE LONG HAUL

CSBA

**Defense Planning
for the Long Haul**

Scenarios, Operational Concepts,
and the Future Security
Environment

BY EVAN BRADEN MONTGOMERY



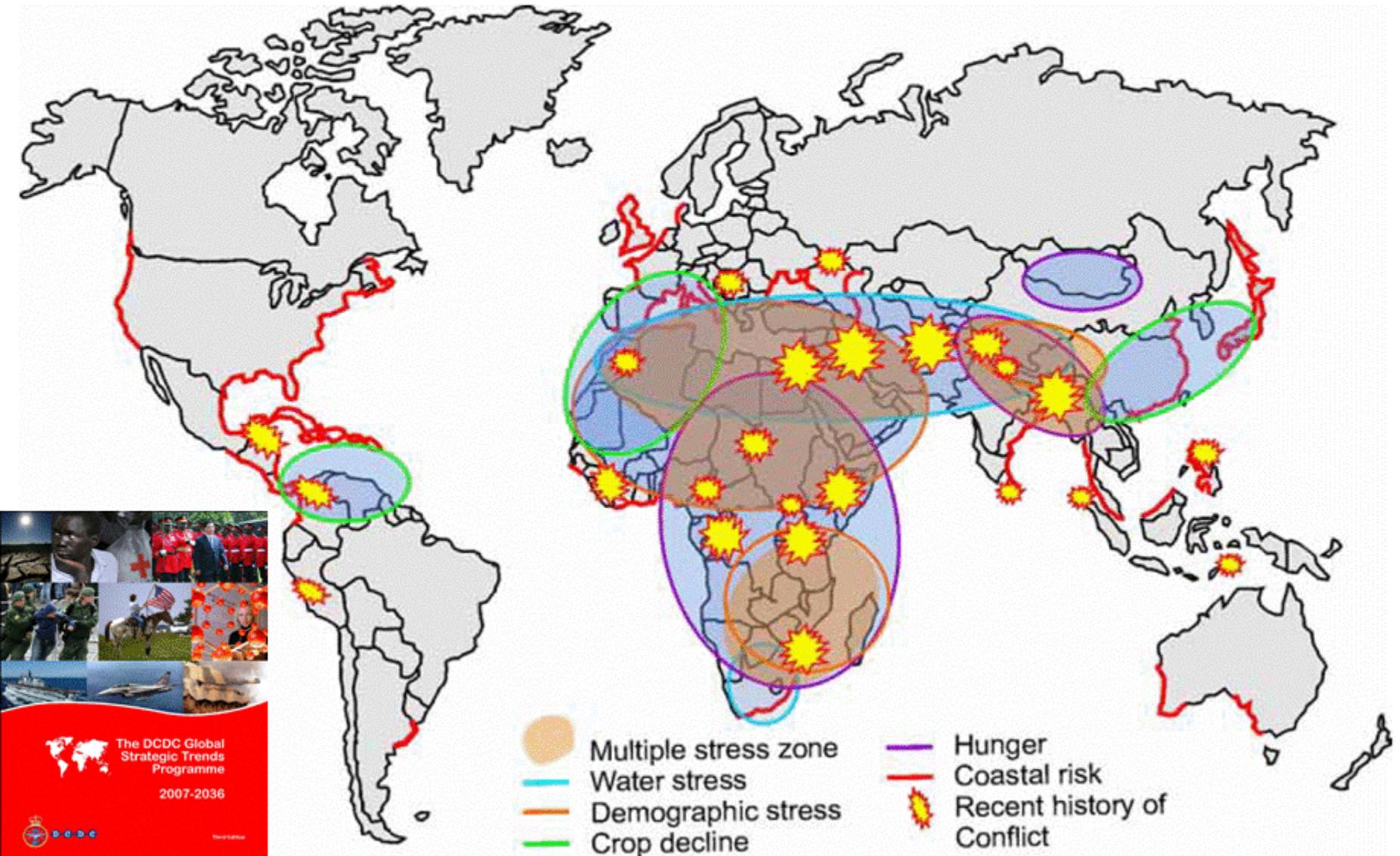
**THE WORLD
IN 2025**

RIISING ASIA AND SOCIO-ECOLOGICAL
TRANSITION

Global Multiple Stress Zones

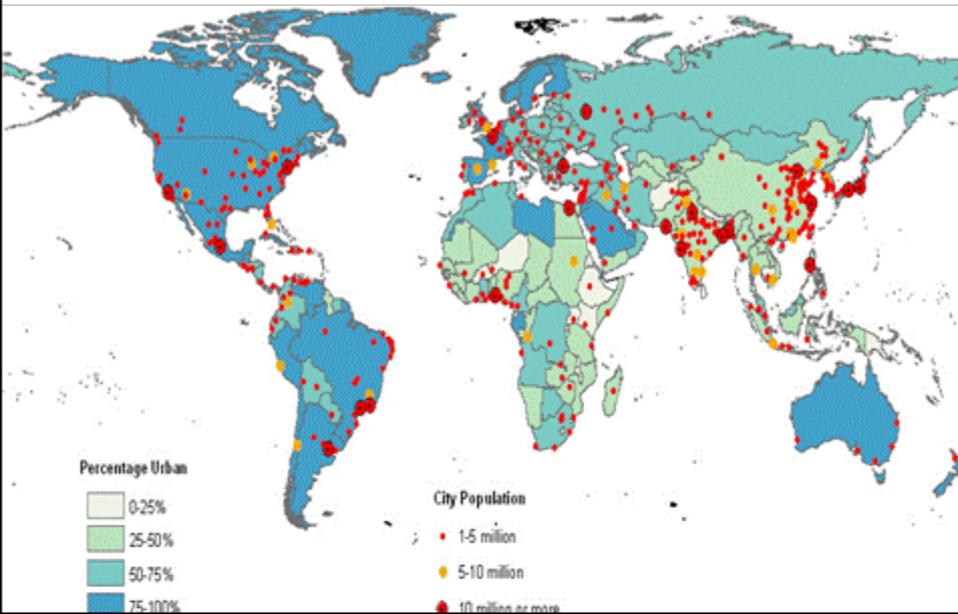
Instability is likely to be greatest in areas of Multiple Environmental Stress

The DCDC Global Trends Programme 2007-2036, Development, Concepts and Doctrine Centre, Ministry of Defence, UK



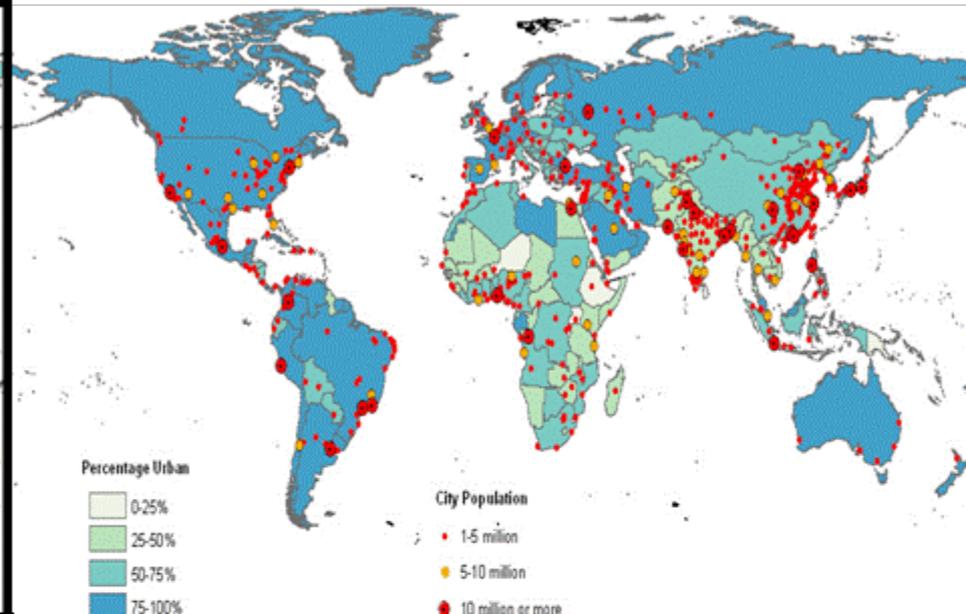
World Urban Agglomerations in 2009

UNDESA, World Urbanization Prospects, the 2009 Revision



World Urban Agglomerations in 2025

UNDESA, World Urbanization Prospects, the 2009 Revision



World Population Trends

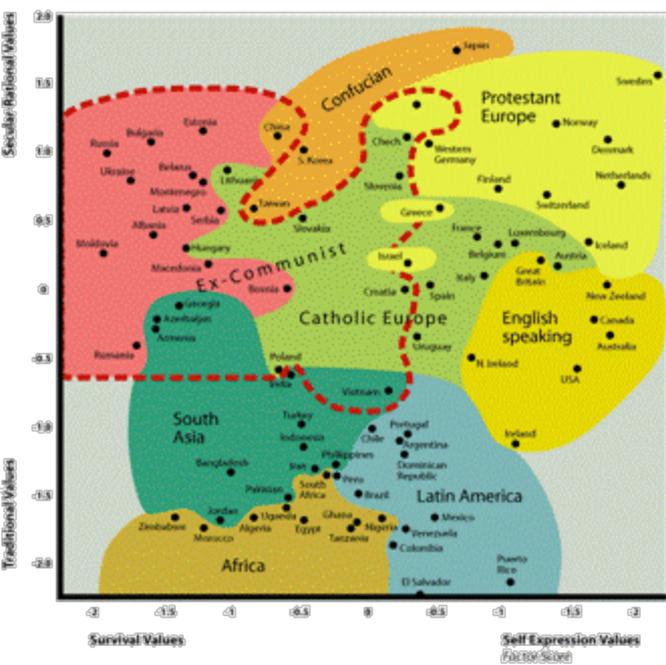
- *Four-Fifths of the World's Population Lives in Developing Countries*
- *In Africa, Asia & Latin America, % Urban Today Stands at About 40 & is Projected to Reach 54 in 2025*
- *Flow of Migrants from Villages to Cities is so Rapid that the Population Growth in Rural Areas in Developing World has Virtually Stopped.*
- *Most of the 3 Billion People Expected to be Added to World Population in Future are Going to be Added to Cities in Poor Countries*
- *In the Developing World, Cities Gain an Average of 5 Million Residents Every Month*

“it is conceived that by 2050 there will be more people living in African cities than the combined urban and rural populations of the Western hemisphere.”

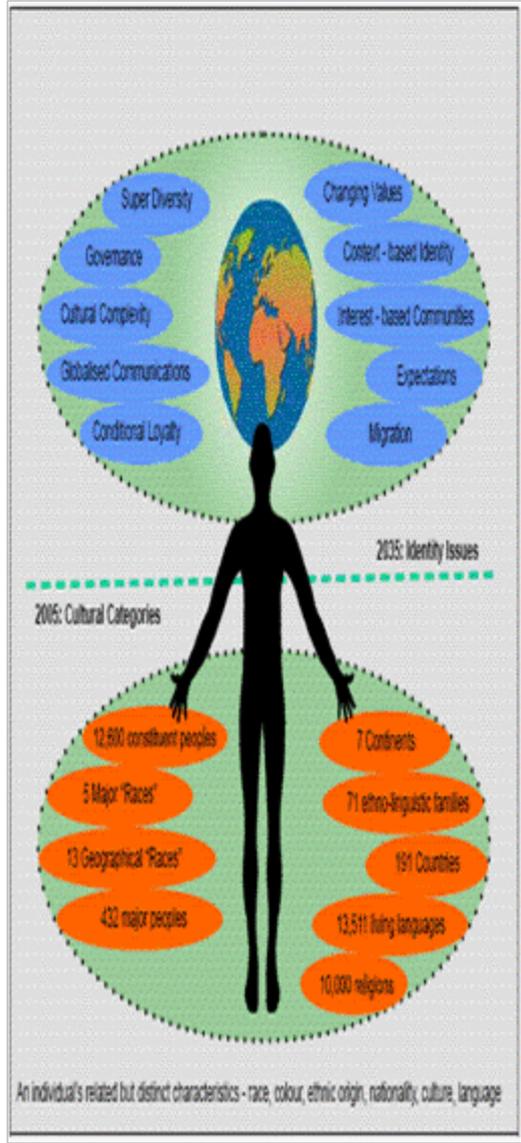
Dr Anna Tibaijuka, Under Secretary-General & Executive Director of UN-HABITAT at the 1027th Wilton Park Conference, West Sussex, UK, 5Feb10



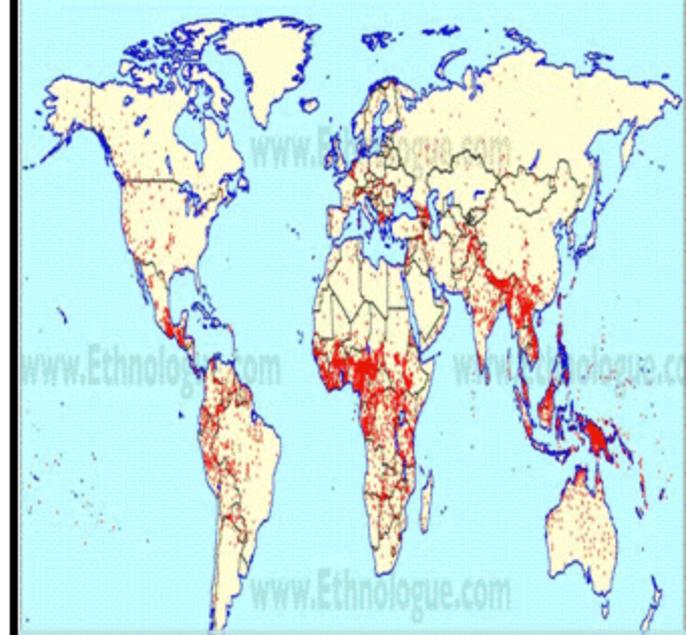
The Inglehart-Welzel Cultural Map of the World



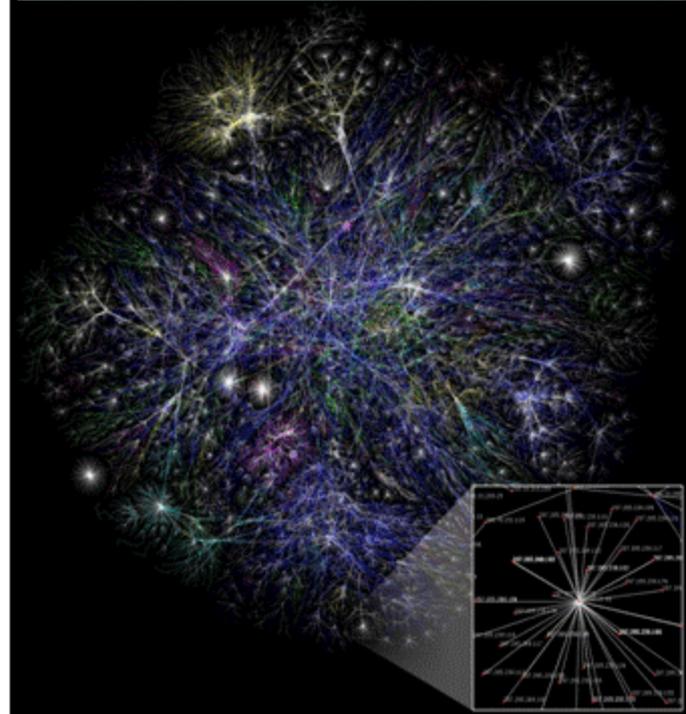
Culture and Identity



Increasingly, identity will be anchored less to fixed cultural categories, shifting instead according to context and interest



6,192 Living Languages in the World



Hybrid Warfare



"The future threat thrives in the information environment."



"Warfare and other activities in the three dimensions (information, physical and cognitive) of the information environment, but especially in the cognitive dimension, pay off early and substantially for the future threat."



"The advent of 'open source warfare' is yielding a time dividend for the future threat."

"...the time required to develop a new and potentially unproven capability will become shorter, reducing a state actor's ability to sense and respond to the threat, but without sacrificing any political benefit for the future threat."



"...future threats will work to employ cheaper means to create rather costly effects within advanced societies, often bypassing their military forces altogether."

"On 9/11... a \$250,000 attack was converted into an event that cost the United States over \$40 billion (with some estimates as high as \$100 billion in damages to the U.S. economy)." - www.911commission.gov



Hamas Method of Operation "Human Shield"

"Lawfare"
"The future threat will also examine the work of legal and ethical constraints that surround governance and warfare, and attempt to manipulate and redefine these constraints in order to maximize their strategic, operational, and tactical advantages vis-à-vis their opponents..."



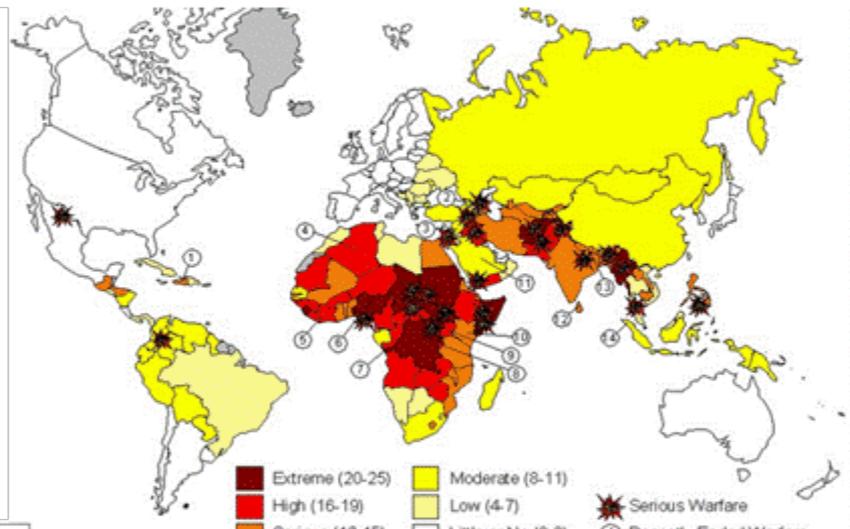
Rocket Launched in Gaza Surrounded by a Group of Children



Bombes Fired From Gaza Being Surrounded by Children



21st Century Operating Environment



Center for Systemic Peace State Fragility & Warfare in the Global System 2009

World Water Availability



World Development



World Values Map



Corruption Perceptions Index 2009



“In an increasingly interconnected world, progress in the areas of development, security and human rights must go hand in hand. There will be no development without security and no security without development.”

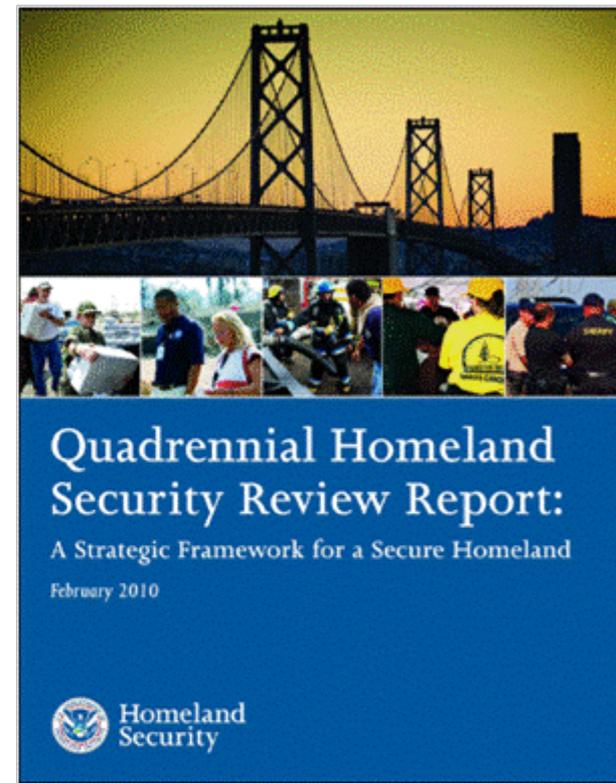
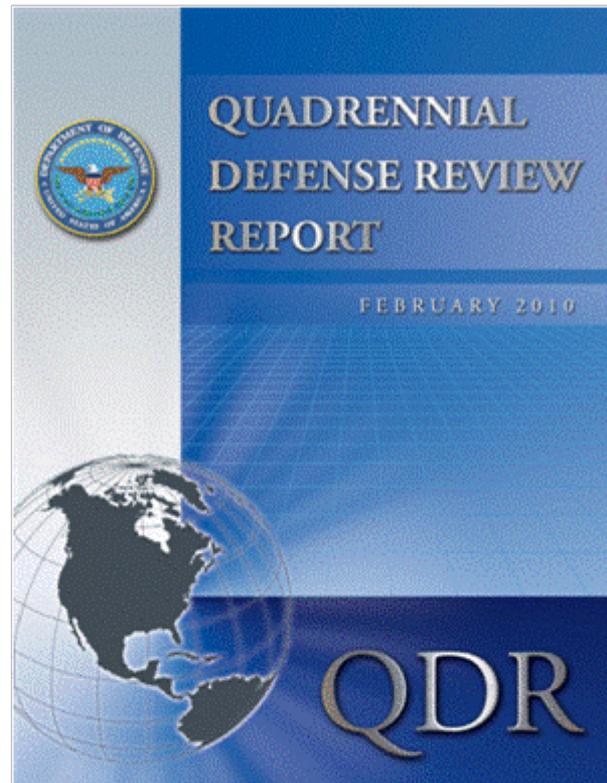
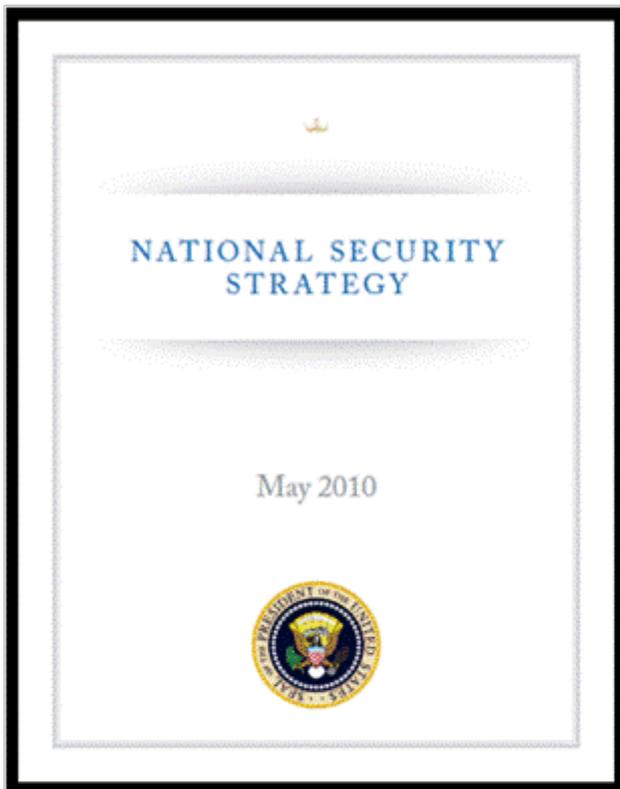
Kofi Annan, Secretary General, United Nations, 2005

“There are 12 departments, 25 agencies and nearly 60 government offices involved in American foreign assistance programs.”

“PSD-7: At a Glance,” Posted by Rebecca Williams in Analysis, 10May2010

“Since 1991, the United States has undertaken six post-conflict reconstruction missions, in Somalia, Bosnia, Haiti, Kosovo, Afghanistan, and Iraq. Each time, experts say, the government reinvents the wheel.”

*Traci Hukill, “Daily Briefing: Congress Weighs Creating Nation-Building Agency,”
National Journal, 3May2004*



**Presidential Study Directive 7
A New Way Forward on
Global Development (Draft)**

**Quadrennial Diplomacy and
Development Report (Draft)**

**The Global Partnership Act of
2010 (Draft)**

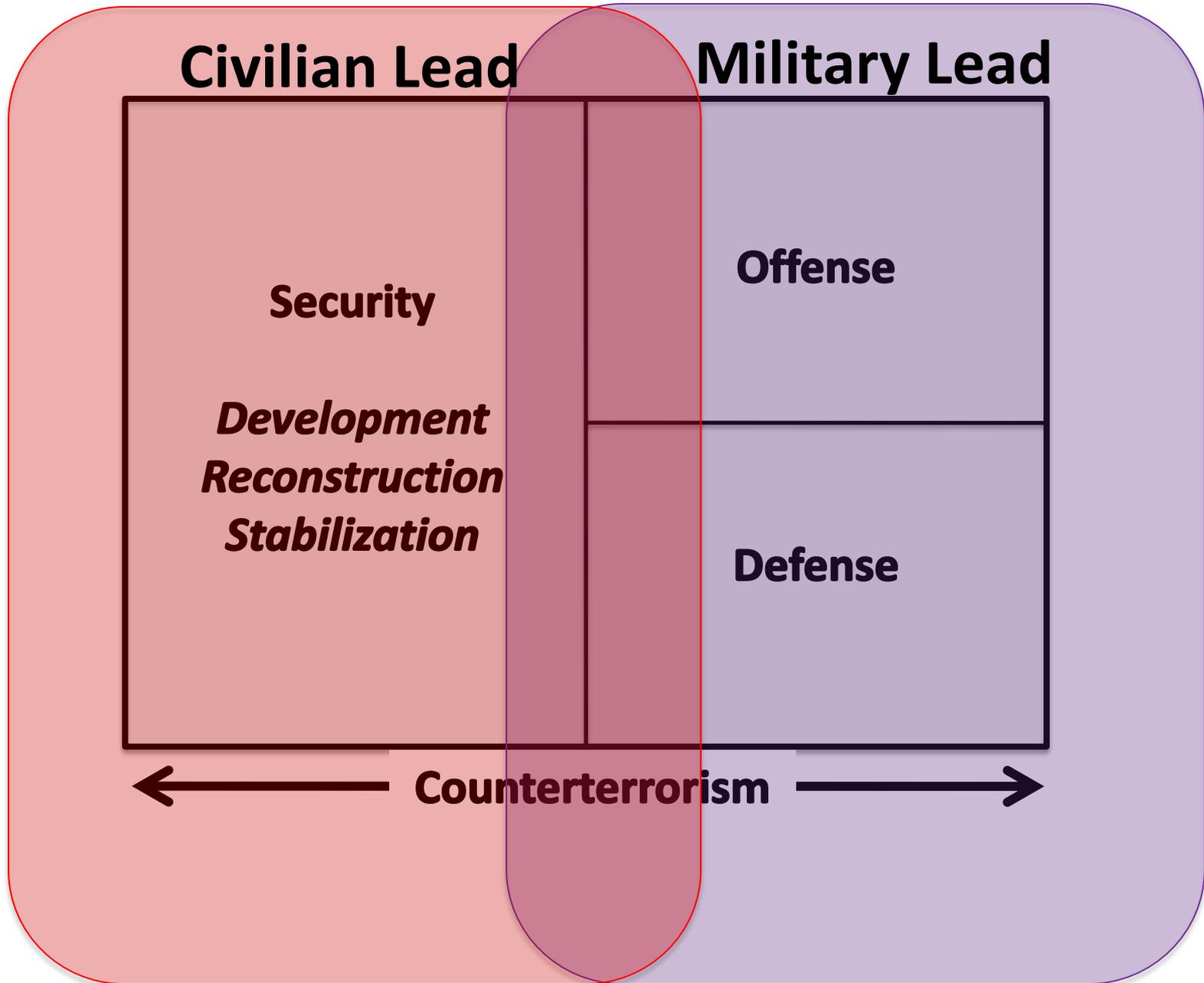
A Defense Plan for the 21st Century

Washington Post, August 1, 2010

By Stephen J. Hadley and William J. Perry, Co-Chairs, Quadrennial Defense Review Independent Panel

“Our panel discussed the capabilities our government must develop and sustain to protect America's enduring interests. . . . While the missions falling to today's military lend themselves to increasingly "whole of government" solutions, the civilian elements of national power -- what Gates has called the "tools of soft power" -- are insufficient and have been imperfectly integrated into the process. We need greater civil operational capacity to deploy civilians alongside our military and to partner with international bodies, the private sector and nongovernmental organizations in a "comprehensive approach" to dealing with failed and failing states where our interests are threatened.”

Full Spectrum Operations



Civilian Lead

Military Lead

Civilian Lead

PHASING MODEL

SHAPE

Phase 0

DETER

Phase I

**SEIZE
INITIATIVE**

Phase II

DOMINATE

Phase III

STABILIZE

Phase IV

**ENABLE
CIVIL
AUTHORITY**

Phase V

**PREVENT
PREPARE**

**CRISIS
DEFINED**

**ASSURE FRIENDLY
FREEDOM OF
ACTION/
ACCESS THEATER
INFRASTRUCTURE**

**ESTABLISH
DOMINANT FORCE
CAPABILITIES/
ACHIEVE
FULL-SPECTRUM
SUPERIORITY**

**ESTABLISH
SECURITY
RESTORE
SERVICES**

**TRANSFER TO
CIVIL
AUTHORITY
REDEPLOY**

Vision

Provide to the Nation the Most Realistic, Fiscally Responsible, Contemporary Operating Environment Possible in Which to Mobilize & Train the Whole of Government/Whole of Nation Team to Accomplish Missions Directed Towards Protecting the Homeland & Defending the Peace; Provide to that Team Responsive Reach-Back Capability Once Deployed; & Support the Conduct of Operational Testing & Evaluation of Technologies that Support Those Missions.

Create a Complex Environment

CA-MCCO Task = Create an Accurate "Context" in Which the "Whole of Government" & "Whole of Nation" Team Can Share a Collective, Team of Equals Experience Prior to Employment in Harm's Way & Where Technology Solutions Can Be Rapidly Tested, Integrated & Deployed in Support of Those Teams

Effort Directed Towards Creating a Complex Environment in 3 Vectors:

✓ **Complex Physical Terrain**

- ✓ *Realistic Urban Terrain Building Types & Urban Terrain Zones (IAW ARL-TR-4395, Urban Terrain Building Types, 2nd Edition)*
- ✓ *Compromised Infrastructure: Power, Water, Sewage & Communications Grids, Destroyed/Damaged Buildings, Slums, Urban Canyons*
- ✓ *Urban Clutter: Vehicles, Equipment & Building Furnishings, Rubble, Waste, etc.*

✓ **Complex Informational Terrain**

- ✓ *Media – Radio, Television, Print, Internet*
- ✓ *Communications/Information Systems: Cell Phone (European), Land Line, Internet*
- ✓ *Electromagnetic Spectrum: Tune-able to Specific Locales*

✓ **Complex Human Terrain**

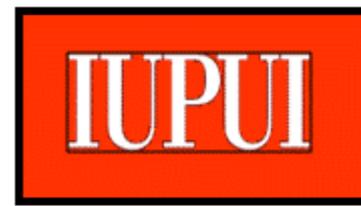
- ✓ *Realistic Population Density: Employing the "95%" Construct*
- ✓ *Social System: Economic, Law, Political, Cultural/Language*
- ✓ *Primary Group Structures: Family, Community, Clan, Tribe*
- ✓ *Secondary Group Structures: Government, Parties, Factions, Military, Police, Corporations, Businesses & Industries*
- ✓ *Hybrid Threat: Conventional, Guerrilla, Terrorist, Criminal*

Employing Live-Virtual-Constructive Mediums

Atterbury-Muscatatuck Business Model

Atterbury-Muscatatuck employs a “network effect” operating model to generate two major values for the customer: a highly realistic training/assessment environment at a cost-benefit ratio virtually impossible to achieve if attempted alone; and, the opportunity to collaborate as a “team of equals” with other agencies and entities that will be critical to mission success. Collaboration is affected while ensuring that each agency retains total control of its program.

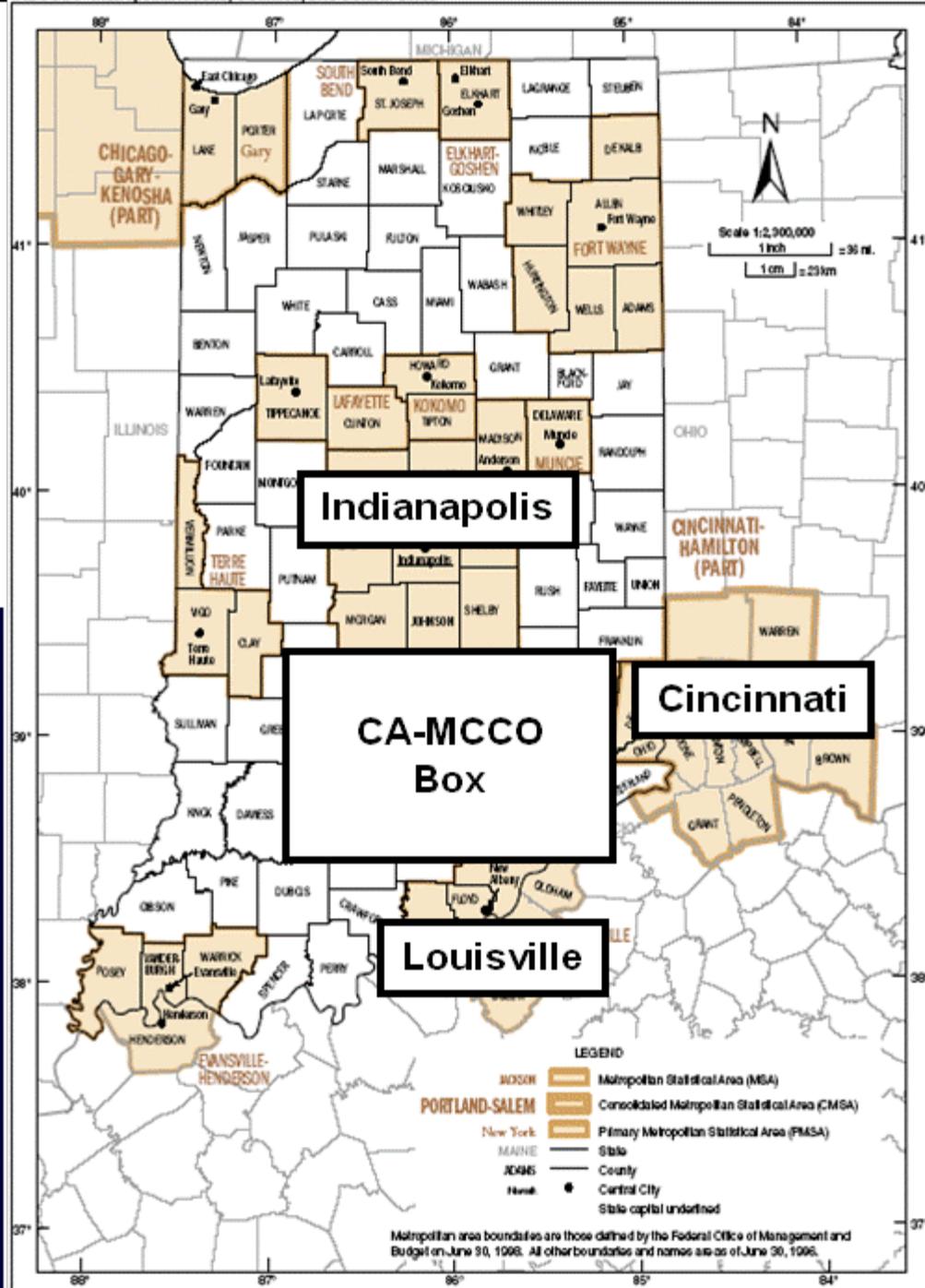
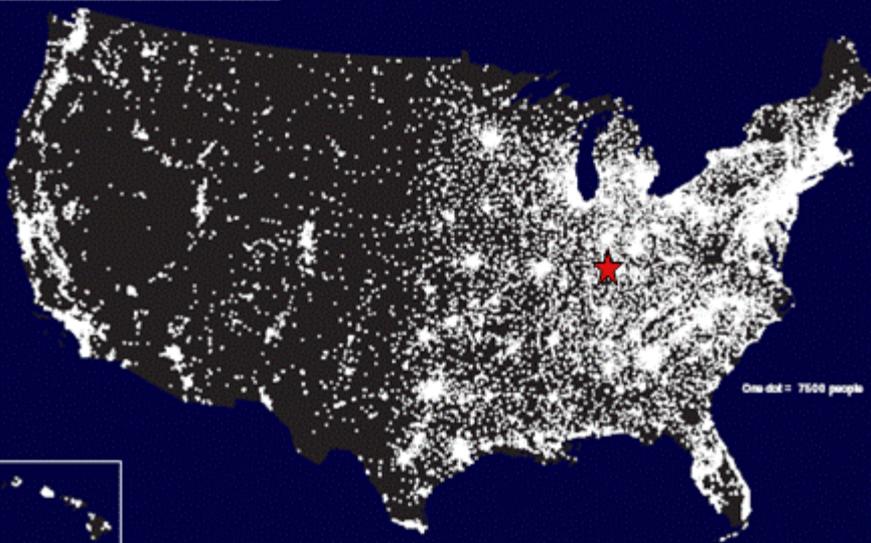
Business Alliance



Atterbury-Muscatatuck Training-Testing Box

- Collaborative, Non-Contiguous, 21st Century Operating Area
- Readily Adaptable to the User's Requirements
- Centrally Located in US Population; Easily & Economically Accessible

2000 POPULATION DISTRIBUTION IN THE UNITED STATES

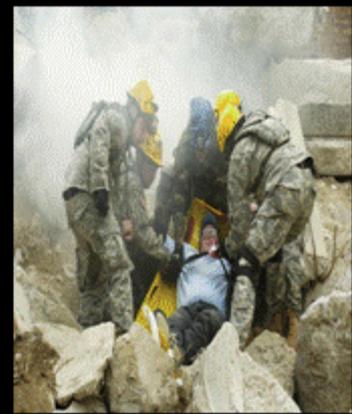
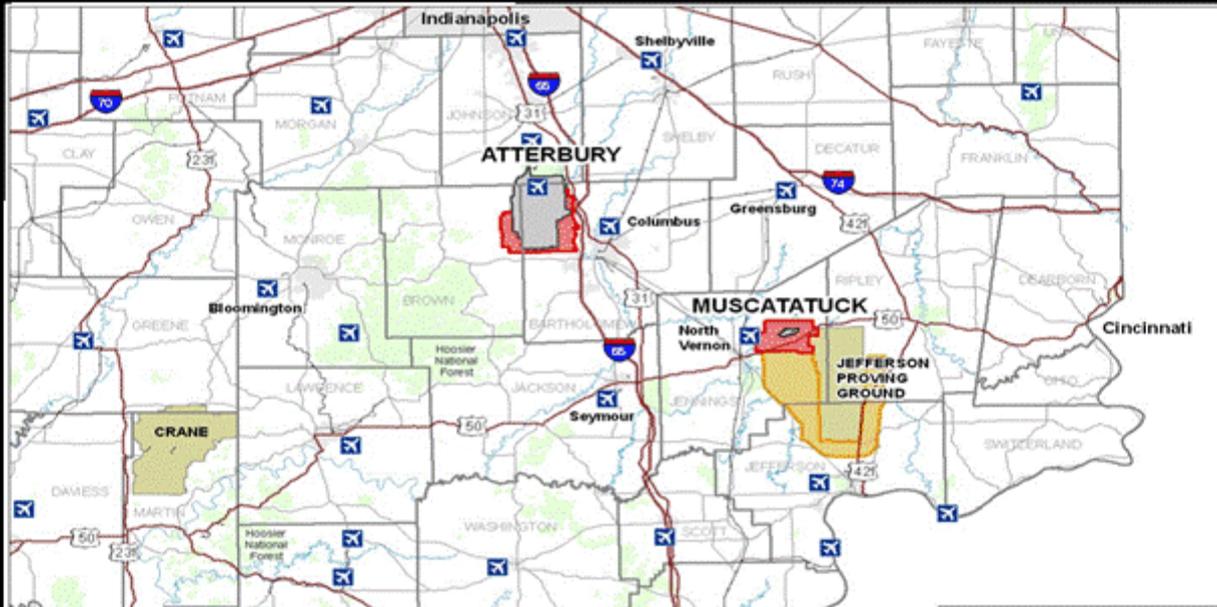




North Vernon



Purdue Agriculture Centers



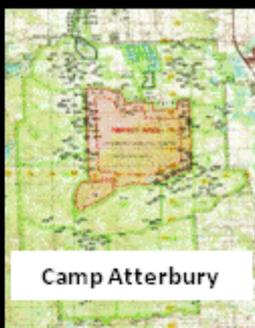
Columbus

Atterbury-Muscatatuck Box

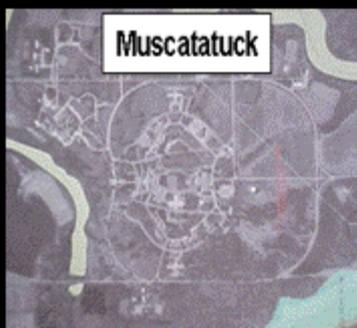
Example Collaborations Providing Extensive Menu of Training-Testing Venue Opportunities Supporting Both Kinetic & Non-Kinetic Requirements



NSA Crane



Camp Atterbury



Muscatatuck

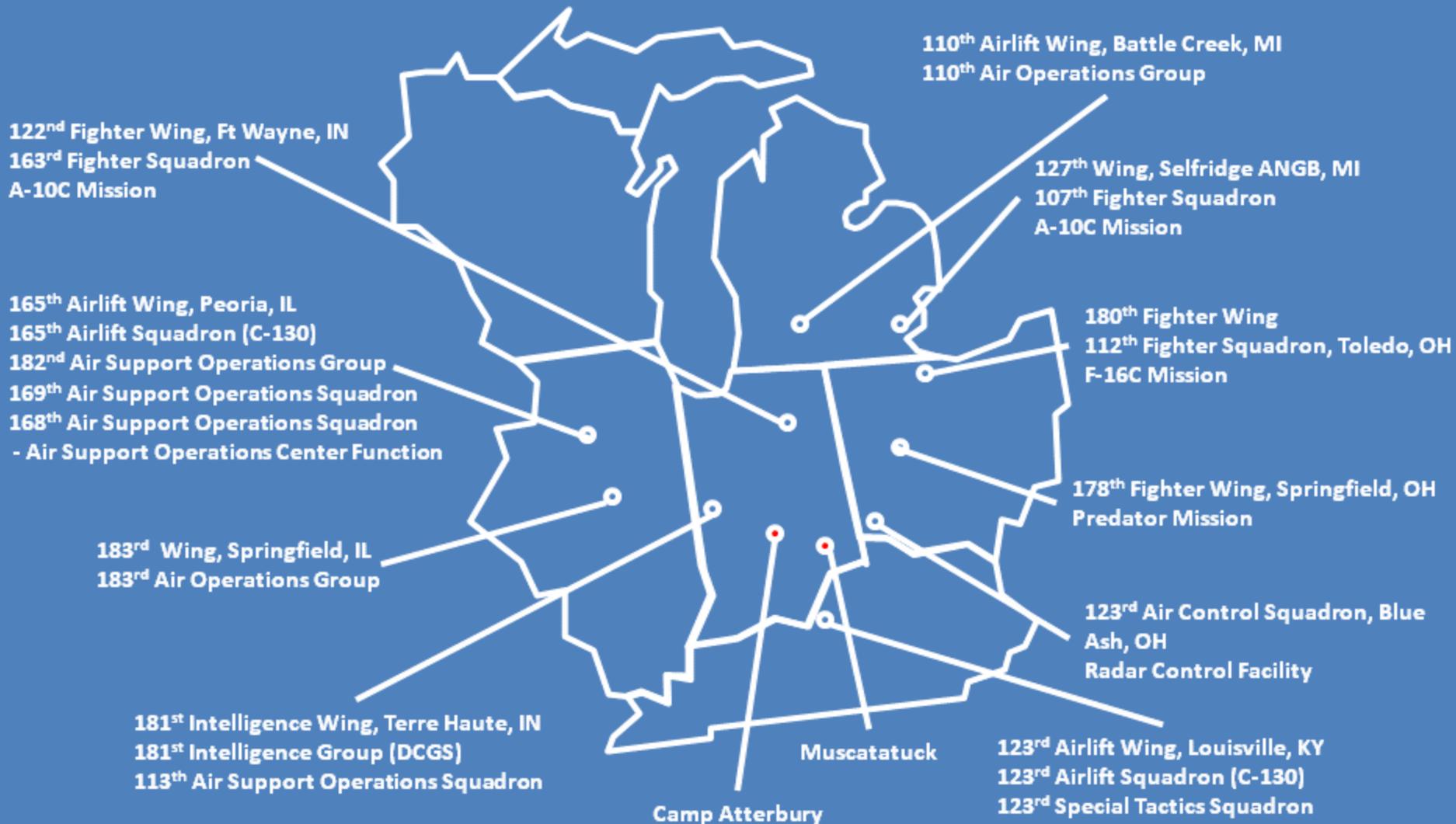


Atterbury Air Ground Range



Jefferson Proving Ground Air Ground Range

Regional Air Capabilities



30 Minutes Longitude

Atterbury-Muscatatuck Airspace

Provides Realistic Training-Testing Venue for Manned & Unmanned Aerial Platforms

15 Minutes Longitude

15 Minutes Latitude

30 Minutes Latitude

188LU2

189LU1

189LU2

190LU1

188LU4

189LU3

189LU4

190LU3

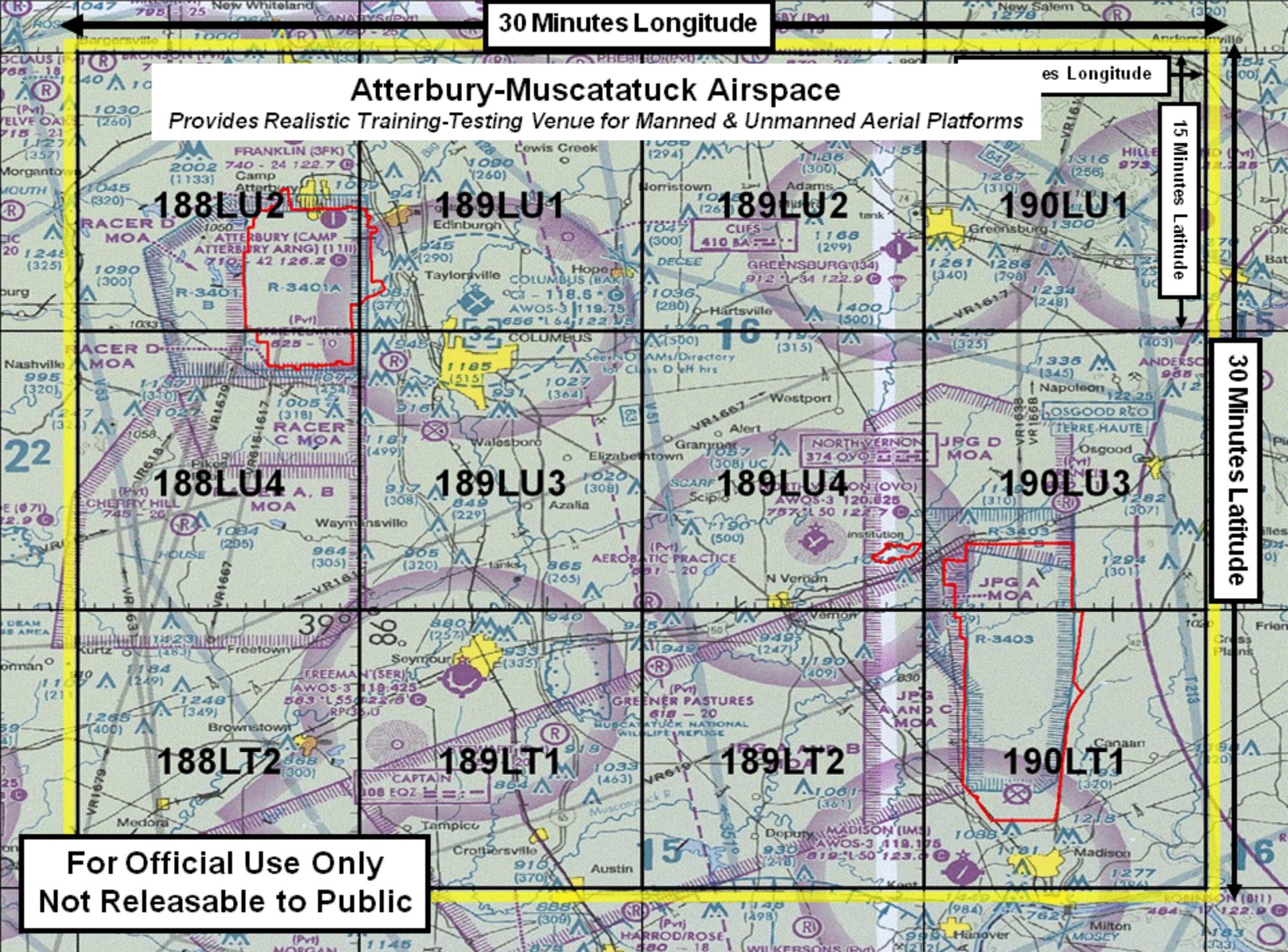
188LT2

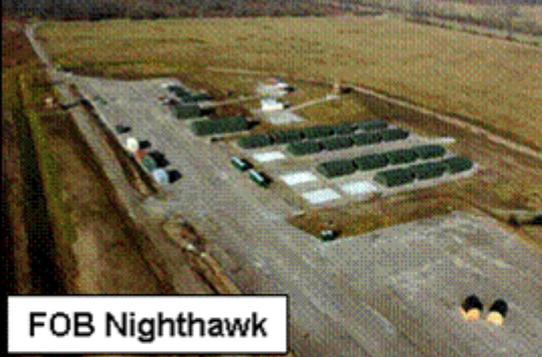
189LT1

189LT2

190LT1

For Official Use Only
Not Releasable to Public





FOB Nighthawk



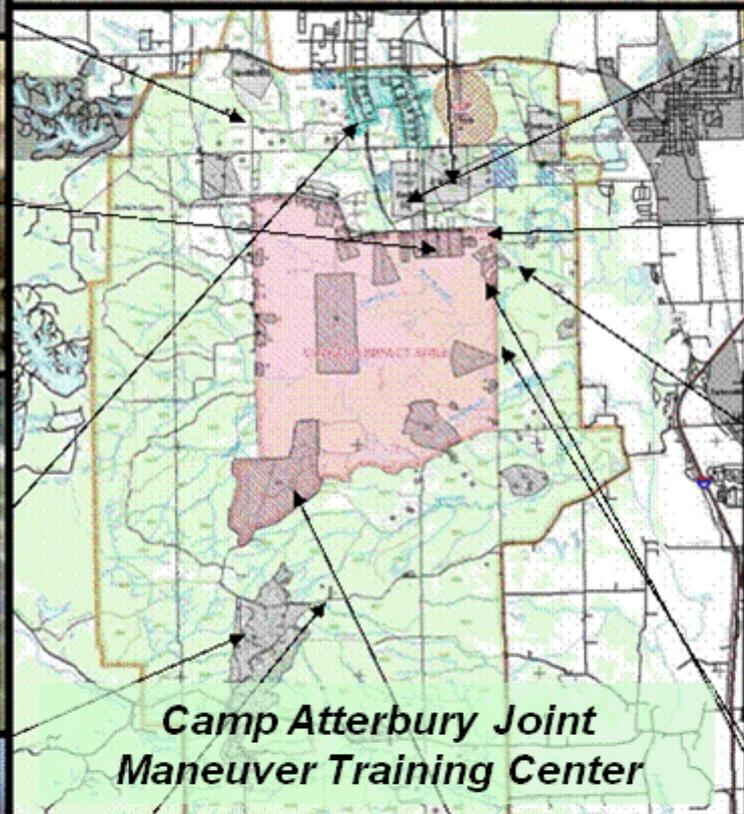
Confined-Space Rescue Building



Himsell Airfield



Sniper KD Ranges



**Camp Atterbury Joint
Maneuver Training Center**



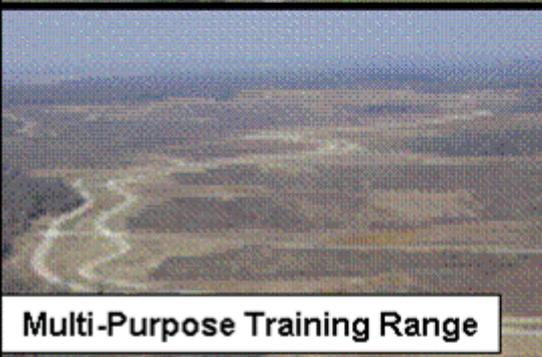
FOB Warrior



JSTEC



Mobile MOUT



Multi-Purpose Training Range



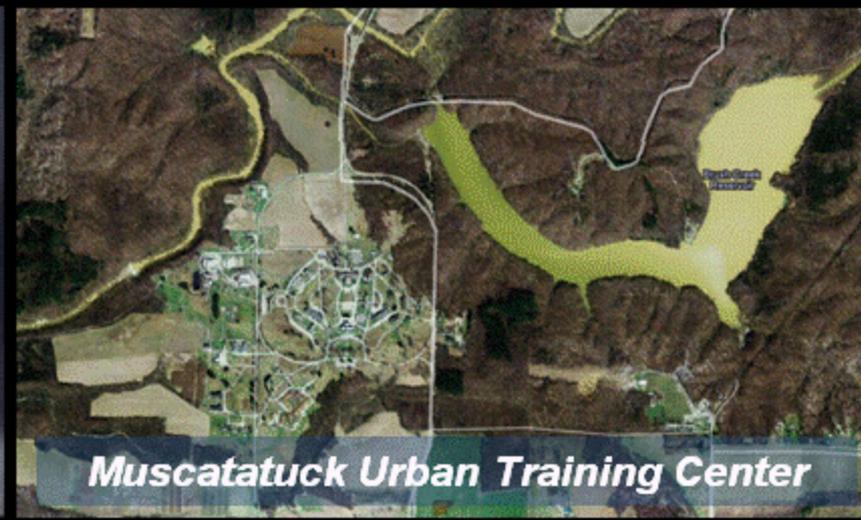
Sniper Tower



Air-Ground Range



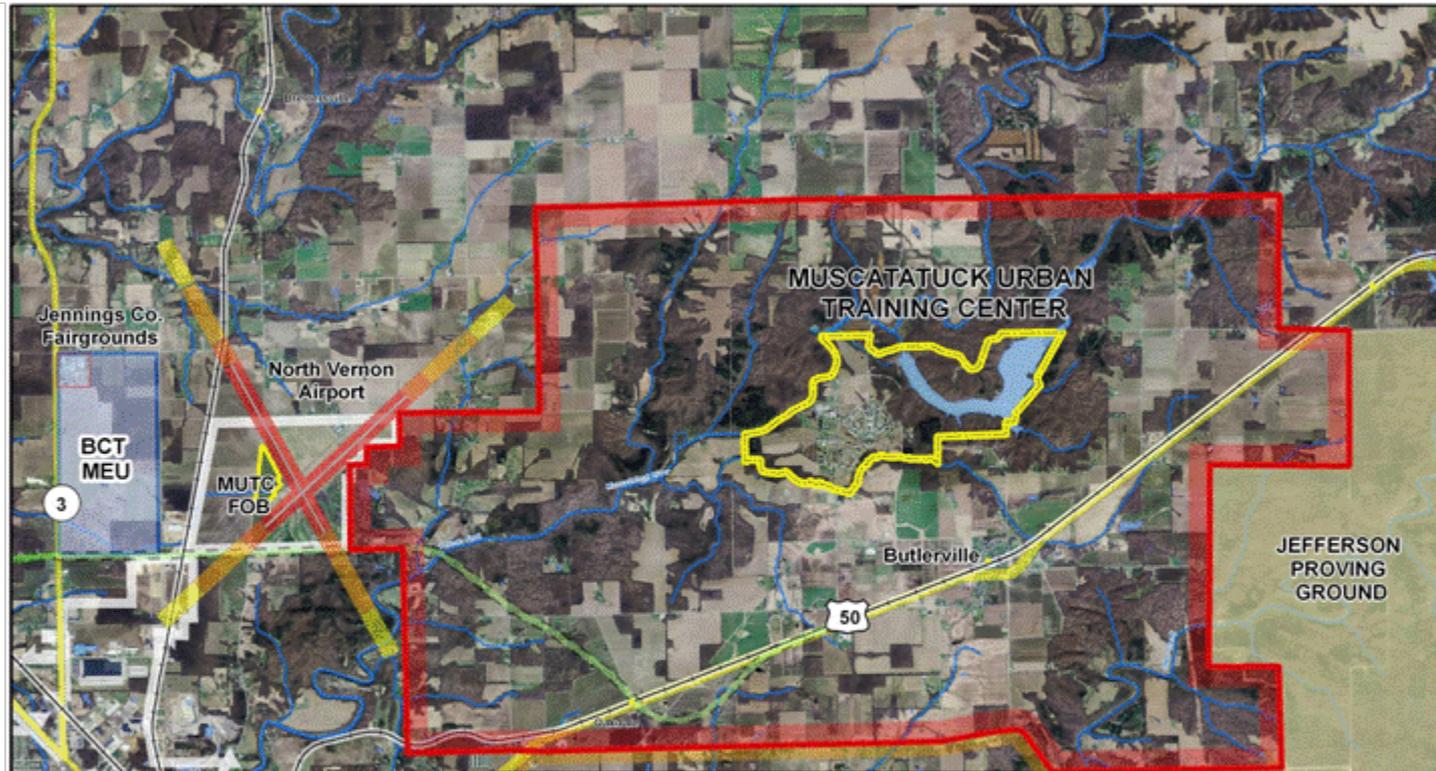
UAC/LF Shoot House/Breach Course





Muscatatuck Extended Urban Landscape

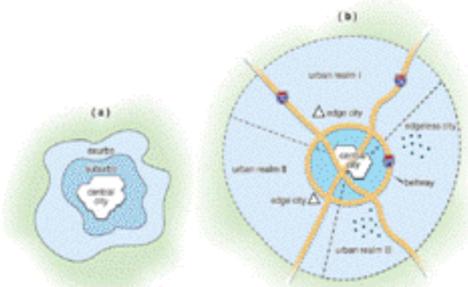
The Muscatatuck Megapolitan Area



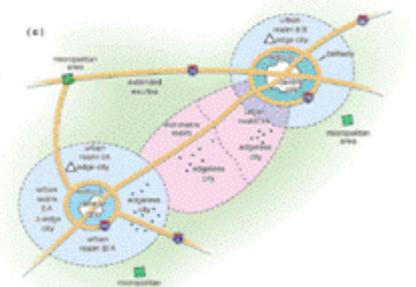
Urban Hierarchy



20th Century Metropolitan Form



21st Century Megapolitan Form

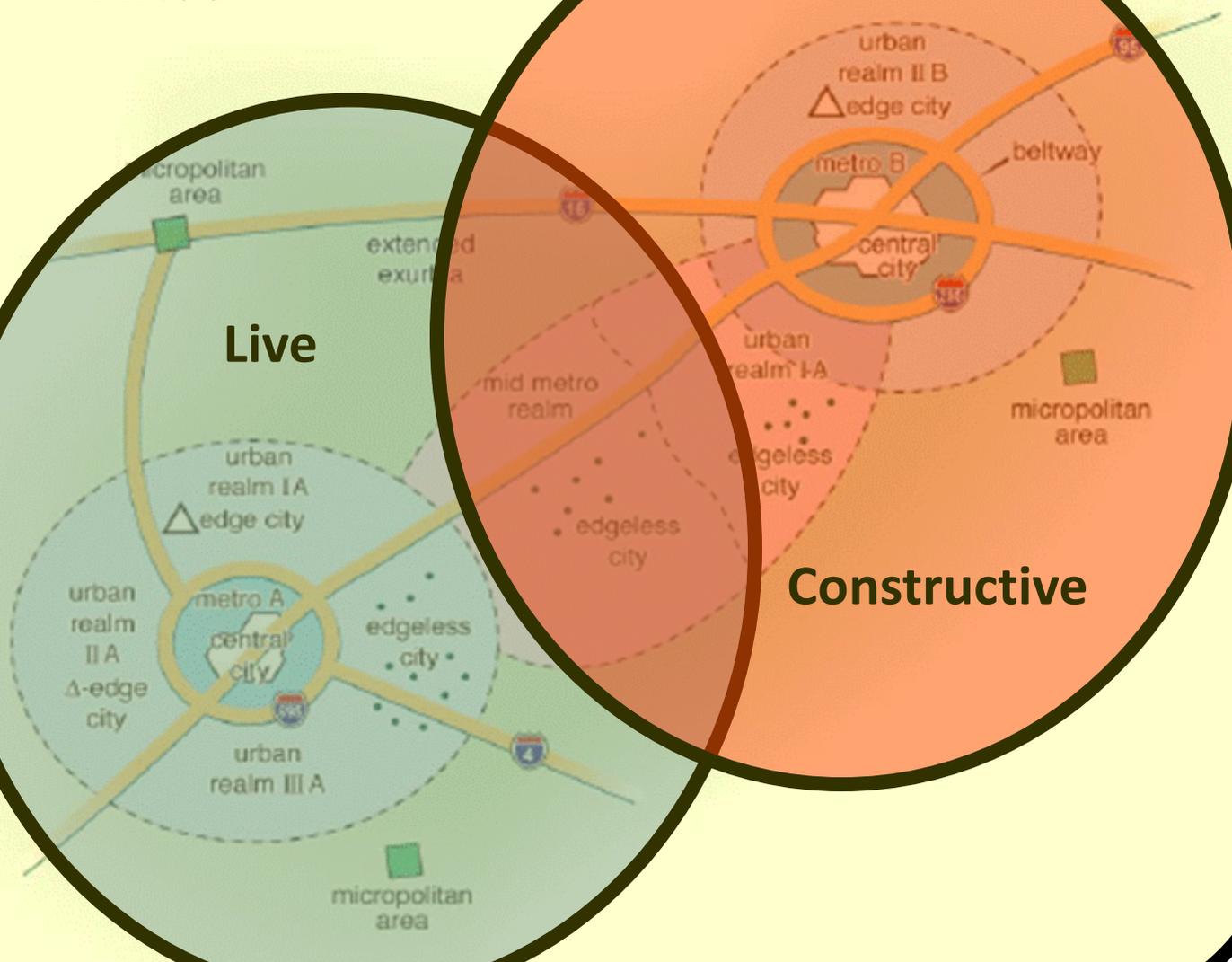


21st Century Megapolitan Form

Virtual

Live

Constructive



Atterbury-Muscatatuck Business Plan Programs (*Stone Soup*)

Whole of Nation Training and Deployment Center

ARNG Maneuver Training Center (Heavy)	USAF ANG Atterbury CAS Air-Ground Range	USN SEAL Scout/Sniper Training Center	US NORTHCOM CCMRF Training Center	DoS FSI Integrated Civilian- Military Training Center
First Army Mobilization Training Center	USAF ANG JPG CAS/PGM Air-Ground Range	USMC II MEF Realistic Urban Terrain Training Site	DoD Civilian Expeditionary Workforce Training Center	DoD Regional Urban Training Facility
USA FORSCOM Force Generation Installation	Civil Air Patrol Training Center	USMC 4 th MARDIV Training Center	DoD Ministry of Defense Advisors Training Site	Indiana DHS Training Site
DA Advanced Urban Operations Training Facility	USAF JFAC Training Site	USMC MCIS SIGINT Operator Certification Training Center	US SOCOM Training & Mobilization Site	
ARNG Regional UAV Training Center	USAF Irregular Warfare Training Center	DoS Foreign Disaster Assistance Training Center	Foreign Police & Security Force Training Center	DoD Regional Homeland Response Force Training Center

Technology Rapid Assessment, Evaluation & Integration Center

DA ATEC Technology Assessment & Evaluation Center	DoD Joint Urban Environment Test Capability	US SOCOM Technology Assessment & Evaluation Center	NAVSEA Crane Technology Assessment & Evaluation Site	Private Sector Technology Test, Assessment & Evaluation Site
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Contemporary Operating Environment & Business Operations Cost Efficiencies

US FORSCOM & US ARNG Camp Atterbury Installation Support Unit	First Army Training Support Brigades	ARNG Patriot Academy	ARNG Regional Training Institute	ARNG MUTC Operations Group Wolf
Indiana ARNG Atterbury Armory	Indiana ARNG Combined Support & Field Maintenance Shops	Muscatatuck Small Business Incubator	MEP-IN ARNG Translator/Role Player Staging Base	State of Indiana Indiana Guard Reserve
State of Indiana CA-MCCO HQ's & Business Office	State of Indiana MUTC Installation Staff	State of Indiana Department of Corrections Service in Kind Workforce	IU-IN ARNG Indiana Complex Operations Partnership	VU-IN ARNG Fire Fighting Training Center

CIVILIAN RESPONSE

Coordinator for Reconstruction & Stabilization U.S. Department of State



Abenteuer Afghanistan



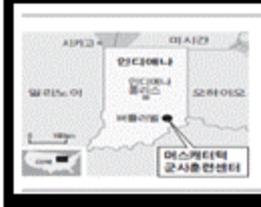
Preparing for Afghanistan: Training in Muscatatuck

BBC NEWS Training for the civilian surge in Afghanistan

By Kim Ghattas



BBC News, Muscatatuck Urban Training Center, Indiana
The Afghan governor walked down the main market street, chatting with US soldiers and civilians as an armoured personnel carrier stood guard on a corner.
I hope to make a difference one Afghan man child woman at a time
Jerry Calhoun



VoNews.com

US Military Train for Terror

Deborah

It is hard to see anyone else possible Army to military to a suc

December 2006

AFRL tests unmanned air vehicle in urban terrain

by Holly Jordan, AFRL Air Vehicles Directorate

WRIGHT-PATTERSON AIR FORCE RESEARCH LABORATORY scientists tested an unmanned aerial vehicle in October, as part of a program to improve its ability in an urban environment.

JUNE 2010

NATIONAL DEFENSE

WWW.NATIONALDEFENSEMAGAZINE.ORG • \$5.00

Marine Corps Budget Dilemmas
Pentagon Fears Chem-Bio Attacks

This we'll defend

Exercise tests guard soldiers on contamination procedures

Indiana Guard transforms Muscatatuck into urban training center

W

and Report

En Campo Atterbury se realiza el curso de entrenamiento

La guerra de Afganistán se ensaya en Indiana

En Campo Atterbury se realiza el curso de entrenamiento

THE CIVILIAN SURGE

cyberpresse.ca

Publié le 13 décembre 2009 à 09:55 | Mis à jour le 10 décembre 2009 à 10:05

Se préparer aux réalités afghanes... en Indiana

Richard Mills, collaboration spéciale

Camp Atterbury, Indiana | Parallèlement à l'arrivée militaire en Afghanistan annoncée récemment par Barack Obama, la Maison-Blanche a aussi décidé d'expédier les militaires américains en Irak. Leur nombre sera réduit en un an, à la fin du janvier 2010. Notre collaborateur a accompagné certains de ces soldats au camp Atterbury, dans un décor afghan répliqué au plus près de l'original. Là-bas, ils se préparent à leur mission dans un pays en guerre au sillon de leurs militaires de la zone Afghane.

À pied ou à bord de véhicules blindés, une douzaine de soldats escortent un groupe composé de civils américains et de responsables afghans. Ils se dirigent vers un marché de Kuzul, une province située à la frontière des zones blanches du Pakistan, où les talibans et les combattants d'Al-Qaïda ont renoué leurs forces.

Ce déplacement risque à tout moment de vérifier auprès des marchands locaux les associations de combattants formelles par un chef tribal contre le gouvernement provincial. Or, contrairement à ce qu'on attendait, les premiers talibans, l'entraînement d'une requête sous le marché, suivie de tir d'armes légères. Des maraudeurs afghans.

Photo: Richard Mills, collaboration spéciale

The Washington Post

This Is War: How USAID workers are trained work and danger in Afghanistan

By Kristin Henderson
Sunday, July 4, 2010; W22

The two-story yellow-brick building had seen better days

DoD civilians to get war-zone deployment training

WSJ.com

DECEMBER 18, 2009

Training for the Civilian Surge

Stresses of Afghanistan Deployment Are Simulated at Rural Indiana

By JAY SOLOMON

MUSCATATUCK, Ind. -- A former mental hospital in the woods ground for one of the biggest deployments of U.S. civilians since World War II.

Marcin Wrona

BAZA MUSCATATUCK, INDIANA

Atterbury-Muscatatuck



As Real As It Gets