

Final Agenda

Monday, April 10, 2006

Sharing Future Space

Workshop hosted at the University of Illinois, April 11-12, 2006

Purpose of this Workshop: To examine the procedures and capabilities that have been developed for enhanced installation and community planning, case studies in which these capabilities have been applied, and the requirements for broader application and enhanced future capabilities.

Tuesday, April 11, The Beckman Center, 405 North Mathews, Urbana Illinois 61801

Emerging approaches for across the fence planning

Topic	Speaker/Presenter	Time
Opening Remarks – Welcome, Introductions	Brian Deal (University of Illinois) and William Goran (ERDC-CERL)	8:00 AM
A Vision for Collaborative Landscape Planning	Dr. Lewis Hopkins (University of Illinois)	8:15
Defense Reaching Out to Partners	Jan Larkin (OSD)	9:15
Service Encroachment Planning: Marine Corps	Dave Bixler (Marine Corps)	9:45
BREAK		10:15
Service Encroachment Planning: Navy	Tony Danesi (Navy)	10:30
Army Encroachment and Sustainability Planning	COL Phillips (ACSIM)	11:00
Practical Guide to Compatible Civilian Development Near Military Installations	Mike Davis (OEA)	11:30 AM
LUNCH (on our own)		12:00 noon

Examining capabilities at multiple scales – Ft. Future tools

Ft. Future Capabilities and Working Scales – Facilities, Complexes, Ranges, Installation, Region	William Goran (ERDC-CERL)	1:15 PM
Facility and Complex Planning: <i>Facility Composer, LEED & LEED-ND</i>	Jerry Zekert (HQUSACE) & Rich Schneider (ERDC-CERL)	1:30 PM
Sustainable Range Planning	Paul Loechl and/or Michelle Swearingen (ERDC-CERL)	1:50 PM
Landscape Evolution Planning	Brian Deal (University of Illinois)	2:15 PM
BREAK		2:55 PM
Assessment of Mission Impacts from Landscape Evolution Plans	Jim Westervelt (ERDC-CERL)	3:10 PM
Demonstrations: RSim, SIRRA, PONDS, LEAM in the CAVE (rotating)		3:40 -5:00 PM
WELCOME RECEPTION	<i>Beckman Atrium</i>	5:00 – 9:00

Workshop Agenda Day 2

Wednesday, April 12th, The Beckman Center, 405 North Mathews, University of Illinois,
Urbana Illinois 61801

Regional capabilities and issues

Topic	Speaker/Presenter	Time
Defense & Regional Scale Issues: Panel Discussion: Will Allen, Panel Chair	Will Allen (The Conservation Fund), Steve Johns (BAH), and Bill Doe (Western Illinois University)	8:00 to 9:30 AM
BREAK		9:30 AM
Regional Scale Issues Analysis: The SSA Approach	Elisabeth Jenicek (ERDC- CERL) & Natalie R.D. Myers (PERTAN)	9:50 AM
Collaborative Web Assets (DENIX, EKO, PONDS, APEX, others)	Amy Duffy (Duffy Consulting) & Annette Stumpf (ERDC- CERL)	10:20 AM
Geodata Issues: Access/Standards/Sharing	Dave LeBranche (OSD)	10:50 AM
<i>Examining the opportunities and constraints for using advanced planning capabilities</i>		
Regional and Installation Panel: Opportunities and Constraints in Installation/Community Partnering: Manette Messsenger, Panel Chair	George Carellas (SREO), Val Morrill (Yuma PG), Steve Scanlon (Regional Environmental Coordinator, AEC), & Pete Swiderek (Fort Benning)	11:15 AM
LUNCH (provided)	Army Sustainability Video	12:00 Noon
Breakout Groups – attached table	Assigned Representatives	1:15 PM
BREAK		3:00 PM
Roundtable Discussion: Framing the Future: Phil Huber, Panel Chair	Panel members from breakout groups	3:20 PM
Wrap Up and Adjourn		4:15 PM
Additional demonstrations for all interested in staying		4:30 PM

Points of Contact for Information:

Agenda, William D. Goran, 217-373-6735, email: William.d.goran@erdc.usace.army.mil

Host Site Arrangements: Nicole Leigh Stewart, University of Illinois, 217-265-6878

email nstewart@ad.uiuc.edu The conference website can be found at:

:<http://www.conferences.uiuc.edu/conferences/conference.asp?ID=381>

Work related to the Sustainability, Encroachment and Room to Maneuver (SERM) initiative, website at Engineering Knowledge Online (EKO): Regional Planning (SERM) webpage at <https://eko.usace.army.mil/fa/serm/>. This has a link to various models that have been run and are located at: <http://earth.cecer.army.mil/FF/>

Acronyms

ACUB, Army Compatible Use Buffers

ACUZ, Army Compatible Use Zones

AEPI, Army Environmental Policy Institute

APEX, (Company Name)

BASINS, Better Assessment Science Integrating Point and Nonpoint Sources (EPA)

CAVE, Cave Automatic Virtual Environment

EKO, Engineering Knowledge Online: <https://eko.usace.army.mil/>

ERDC-CERL, Engineer Research and Development Center, Construction Engineering Research Lab

INRMP, Integrated Natural Resources Management Plan

LEED, US Green Building Council's (USGBC) green building rating tool: Leadership in Energy and Environmental Design. LEED-ND= Neighborhood Development, LEED-H=Homes, LEED-NC=New Construction, and LEED-EB=Existing Building.

NGO, Non-Government Organization

NIC, Natural Infrastructure Capability

OSD, Office of Secretary of Defense

PERTAN (Company Name)

PONDS, Proactive Options with Neighbors of Defense installations for Sustainability –

RSim, Regional Simulator Model

SIRRA, Sustainable Installations Regional Resources Assessment

SSA, Strategic Sustainability Assessment

Useful Websites:

ENVIROQUEST website: <http://www.envquest.com/>

ERDC Website: <http://www.erd.usace.army.mil/>

ERDC-CERL Website: <http://www.cecer.army.mil/td/tips/index.cfm>

Fort Future Website: <https://ff.cecer.army.mil/ff/home.do>

Fort Future Urban Growth Analysis Model Results: <http://earth.cecer.army.mil/FF/>

LEAM Website at the University of Illinois: <http://www.lead.uiuc.edu/>

Master Planning Website on EKO: <https://eko.usace.army.mil/fa/arpmp/>

PONDS Website on Fort Future Server: <http://ff.cecer.army.mil/ponds/home.htm>

Range Commander's Council Website: <http://www.jcte.jcs.mil/RCC/index.htm>

RSim Website: <http://www.esd.ornl.gov/programs/SERDP/RSim/index.html>

SERDP Website: <http://www.serdp.org/>

SERM/Regional Planning Website on EKO: <https://eko.usace.army.mil/fa/serm/>

SIRRA Website on Fort Future Server: <https://ff.cecer.army.mil/ff/sirra.do>

State Initiatives Supporting Military Range Sustainability on DENIX:

<https://www.denix.osd.mil/denix/Public/Library/Sustain/Ranges/StateLeg/stateleg.html>

Sustainable Design & Development Website on EKO:

<https://eko.usace.army.mil/fa/sdd/>

Sustainable Range Management Website on DENIX:

<https://www.denix.osd.mil/denix/Public/Library/Sustain/Ranges/sustainableranges.html>

US Army Sustainability Website: <http://www.sustainability.army.mil/>

US Green Building Council Website: <http://www.usgbc.org>

Workshop Exercise

Outcome: An exchange and improved working dialogue between those developing capabilities for future space collaborations and those interested in applying the approaches.

Scope: Three different types of technologies (collaborative tools, land use and regional forecasting tools, and regional data screening tools and other technologies) will be explored, and then examined in terms of their ability to help address DoD defined encroachment categories and the issues associated with the application of these different technologies (potential contexts for use, application risks, expertise requirements, current state-of-the-art and practice). Panels will examine and highlight needs at the installation and regional levels, and new directions and approaches will be identified and explored.

Goal: To initiate completion of the table below:

Installation Problems and Concerns	Installation Capability Need	Benchmark Technologies			Required New Technologies		
		Collaborative Tools	Land Use and Regional Forecasting Tools	Regional Data Screening Tools	Collaborative Tools	Land Use and Regional Forecasting Tools	Regional Data Screening Tools
Urban Sprawl							
Environmental Regulations							
Airspace Regulations							
Frequency Spectrum Regulations							
Other							