

UNCLASSIFIED



UNITED STATES SOUTHERN COMMAND

PARTNERSHIP FOR THE AMERICAS



Environmental Cooperation and Partnerships - US Southern Command
Myrna I. López, Environmental Security Specialist
E2S2, 11 May 2011
New Orleans, Louisiana

UNCLASSIFIED

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE 11 MAY 2011		2. REPORT TYPE		3. DATES COVERED 00-00-2011 to 00-00-2011	
4. TITLE AND SUBTITLE United States Southern Command Partnership for the America				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) US Southern Command, 9301 NW 33rd St, Doral, FL, 33172				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES Presented at the NDIA Environment, Energy Security & Sustainability (E2S2) Symposium & Exhibition held 9-12 May 2011 in New Orleans, LA.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 15	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			



Our Vision and Mission

Vision: We are a joint & interagency organization supporting US national security interests, and with our partners, improving security, stability & prosperity in the Americas.



Mission: We are ready to conduct joint & combined full-spectrum military operations & support whole-of-government efforts to enhance regional security & cooperation.



A Diverse Region

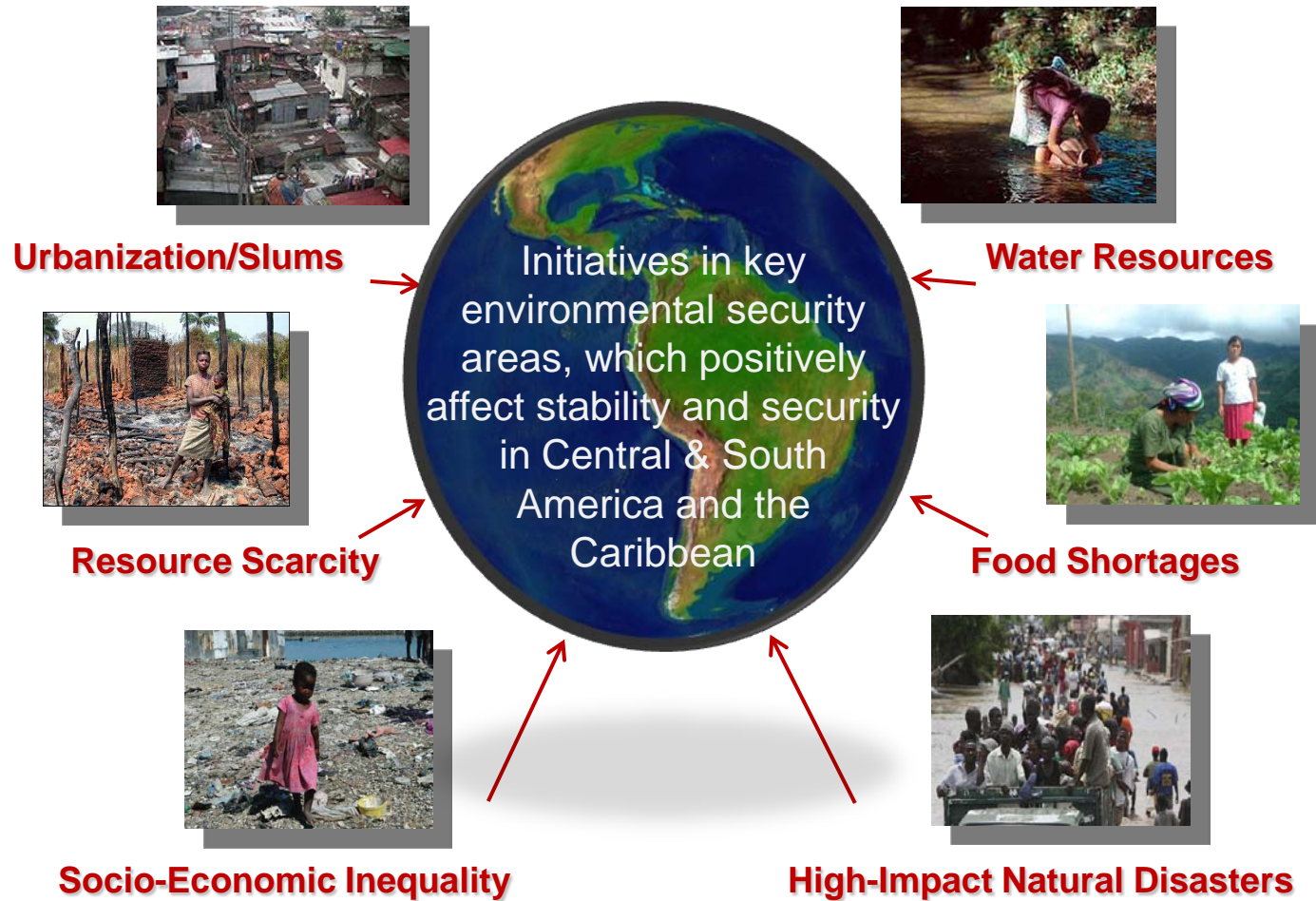


UNCLASSIFIED



UNCLASSIFIED

Environmental Security Challenges and Opportunities



**Climate Change alone does not cause conflict
but may act as an accelerant of instability**

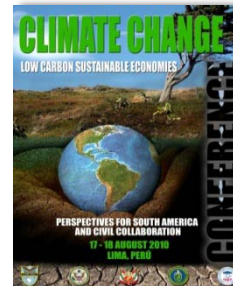
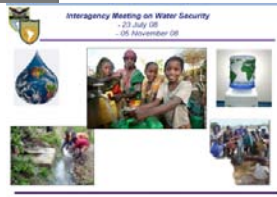
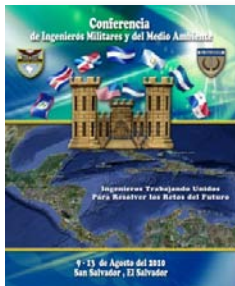
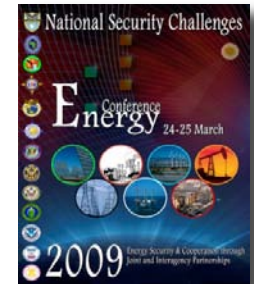
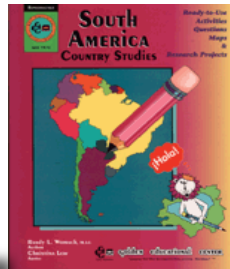
UNCLASSIFIED



UNCLASSIFIED

Environmental Collaboration

“DoD has undertaken environmental security cooperative initiatives with foreign militaries that represent a nonthreatening way of building trust, sharing best practices on installations management and operations, and developing response capacity” (QDR 2010)



US
SOUTH
COM

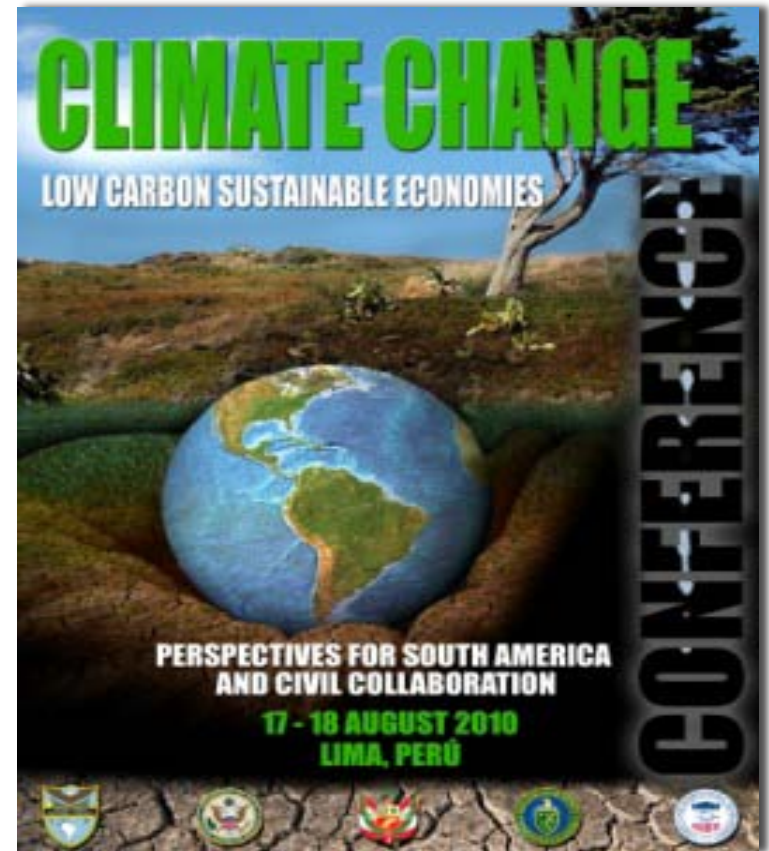
UNCLASSIFIED



UNCLASSIFIED

Perspectives for South America and CIV-MIL Collaboration

- USSOUTHCOM funded
- In partnership with
 - Department of State
 - USAID
- Participants included
 - Military and Civilian entities from Perú, Brazil, Colombia, Paraguay, Uruguay, Argentina and Chile
 - UN Economic Commission for Latin America
 - Non-governmental organizations and
 - US Navy Energy Task Force
 - US Department of Energy



UNCLASSIFIED



UNCLASSIFIED

Perspectives for South America and CIV-MIL Collaboration

- Topics
 - Regional Climate Change Trends
 - Mitigation and Adaptation Issues
 - Civil-Military Collaboration in the Region
- Focused Discussions
 - Key trends and challenges from military perspective
 - CIV-MIL collaboration opportunities (Inter-governmental coordination)
 - Framework for future engagements
 - Lessons learned with the US Navy Energy Task Force



UNCLASSIFIED

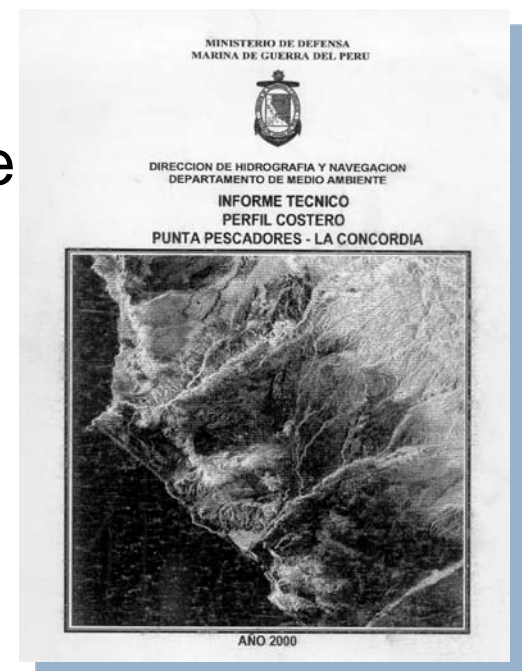


UNCLASSIFIED

What we learned from Partner Nations

Peru

- The Navy represents Peru at the UNESCO Intergovernmental Oceanographic Commission and collaborates with
 - Global Sea Level Observation System
 - Intergovernmental Panel on Climate Change
- The Navy coordinates the Peruvian National Working Group on Climate Change
- Peruvian Armed Forces are establishing a Special Command for Natural Disaster Rescuing Operations



UNCLASSIFIED



UNCLASSIFIED

What we learned from Partner Nations

Colombia

- Ministry of Defense plays a role in the Colombian “National Development Plan”
 - Implement policy for Environmental Management for the Security and Defense Sector
 - Support to prevention and control of environmental risks/response to natural disasters
 - Assess relation between narco-traffic (production/ transportation) and environmental degradation
 - Supports Park Service in protection of environmentally sensitive areas



UNCLASSIFIED

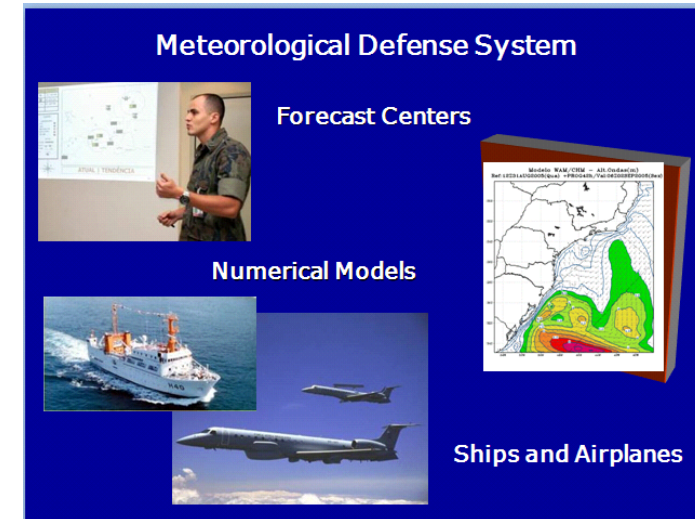


UNCLASSIFIED

What we learned from Partner Nations

Brazil

- Brazil adopted a National Policy on Climate Change in 2009
- Ministry of Defense supports civilian entities
 - Meteorological Defense System
 - Surface/airborne stations and oceanographic buoys
 - Meteorological radars/forecast centers
 - Logistics for monitoring
 - Disaster response
 - Hurricane forecast and tracking
 - Reconstruction after floods (bridges)
 - Surveillance in natural/environmental protected areas
 - Climate Change mitigation
 - Use of alternate fuels to reduce green house gas emissions



UNCLASSIFIED



What we learned from Partner Nations

Uruguay

- Uruguay established a Climate Change National Response System in 2009
 - National Defense Ministry is a member of the coordination group with 10 other Ministries
- Role of the National Defense Ministry
 - Control of Uruguay's biggest national park
 - Established environmental offices/directorates to support civilian agencies and NGOs
 - Pollution control
 - Environmental monitoring
 - Response to natural/man-made disaster



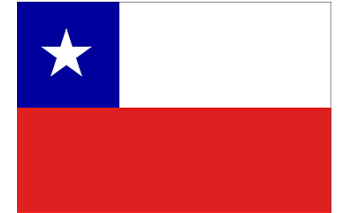
Role of the Armed Forces



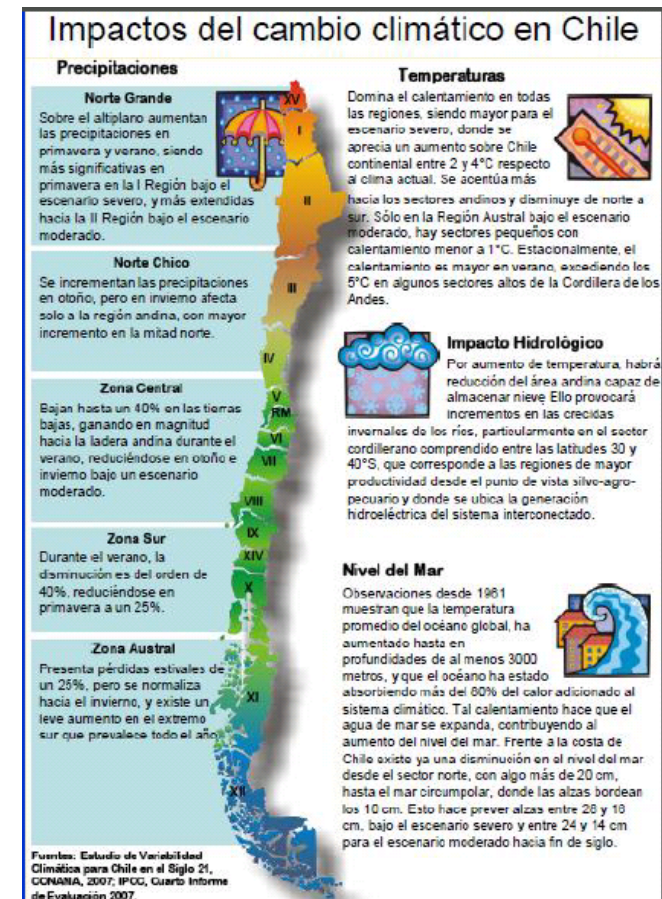


UNCLASSIFIED

What we learned from Partner Nations Chile



- Climate Change National Advisory Committee
 - Proposing a Climate Change National Strategy
 - Focus areas include adaptation, mitigation and capacity to respond
 - Ministry of Defense is a member of the Committee
 - Leading efforts in a tidal energy project
 - ✓ Resilience of Navy operations in remote locations
 - ✓ Post-earthquake reconstruction using innovative technologies
 - ✓ Reduce greenhouse gas emissions



UNCLASSIFIED



Partnership goal in the next five years

- Environmental and Energy topics part of Theater Security Cooperation with Partner Nations
 - Focus: Incorporate environmental and energy challenges in military planning
 - Collaborate on environmental monitoring, including climate change
 - Exchange information on:
 - environmental hazards/risks
 - environmental degradation
 - changing environmental conditions
 - best management practices for environmental stewardship
 - Share innovative approaches on energy:
 - improve energy efficiency
 - reduce fossil fuel dependency
 - improve operational effectiveness





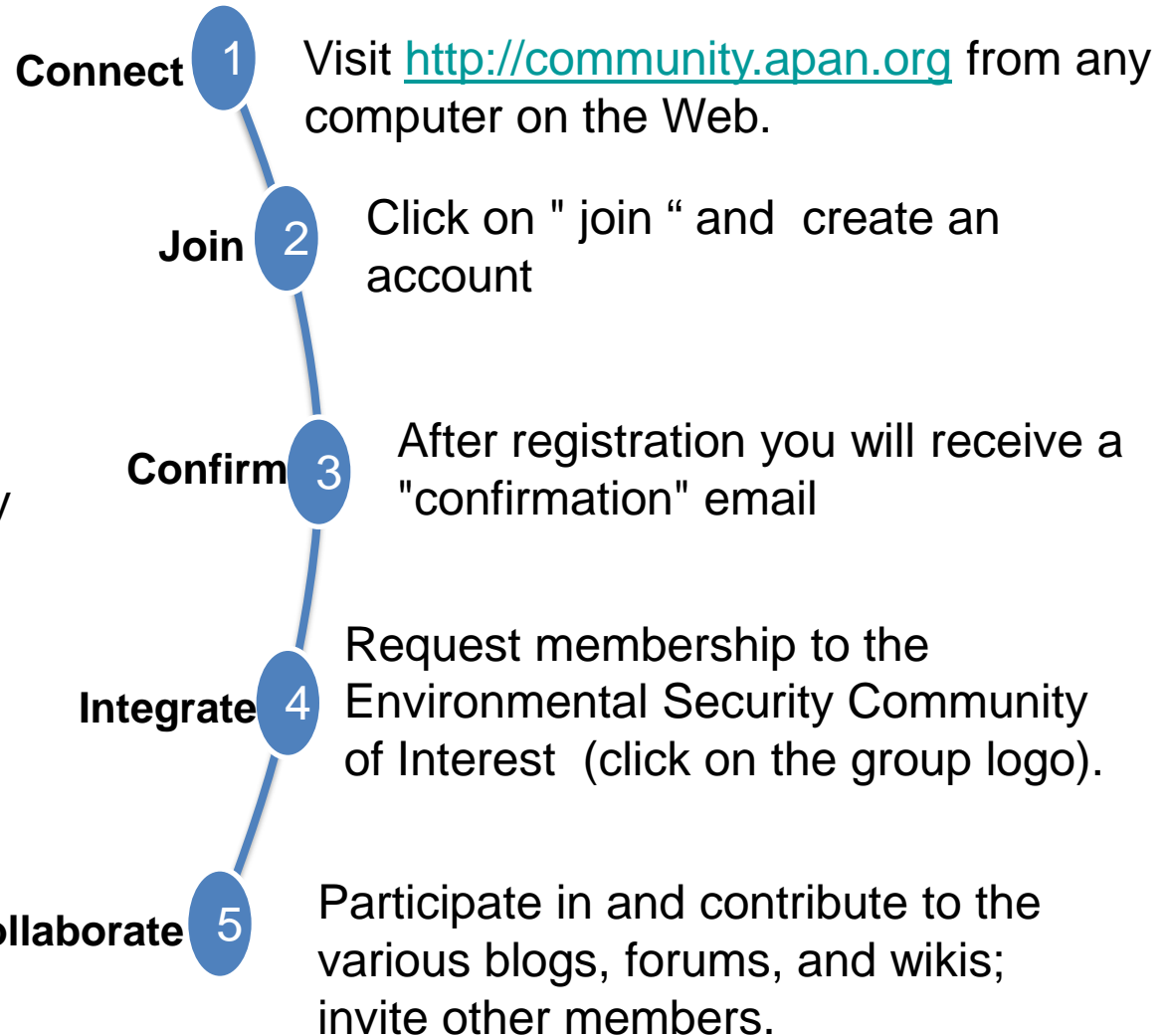
All Partners Access Network

WHAT:

- A web 2.0 service for collaboration
- Wikis, blogs, forums, file sharing, calendar
- Personalized social networking

WHO: Designed specifically for collaboration with other agencies, private voluntary and non-profit community

HOW:





UNCLASSIFIED

Questions?



Innovative



**Cooperative
Solutions**



**Commitment
to Partners**



Responsive



Creative Partnering: www.southcom.mil

Link to All Partners Access Network (APAN):

<https://community.apan.org/es/default.aspx>

UNCLASSIFIED