

# U.S. Army Corps of Engineers Headquarters Overview

## U.S. Energy Association – Central Asia Delegation Visit

Portland, Oregon  
Jan 2013

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U.S. Army Corps of Engineers



US Army Corps of Engineers  
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# PRESENTATION OUTLINE

- Organization Overview
- International Water Resource Activities
- Questions

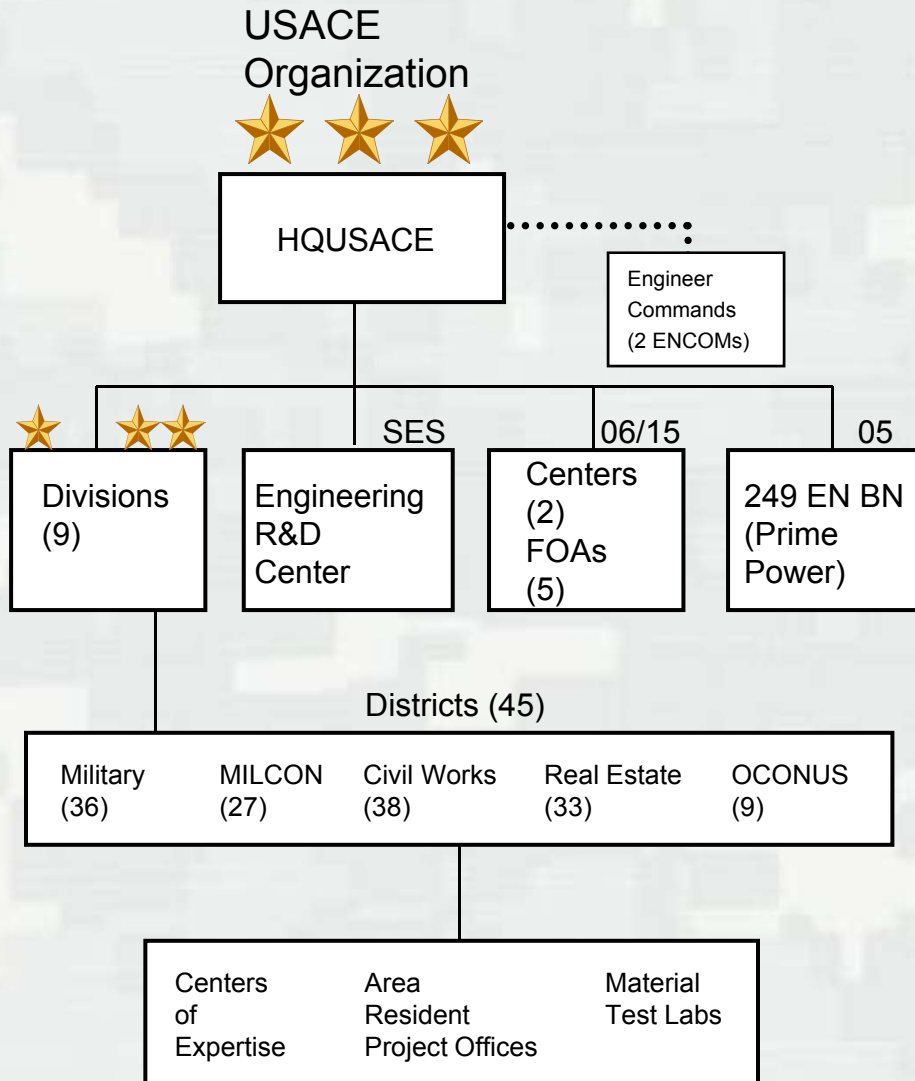


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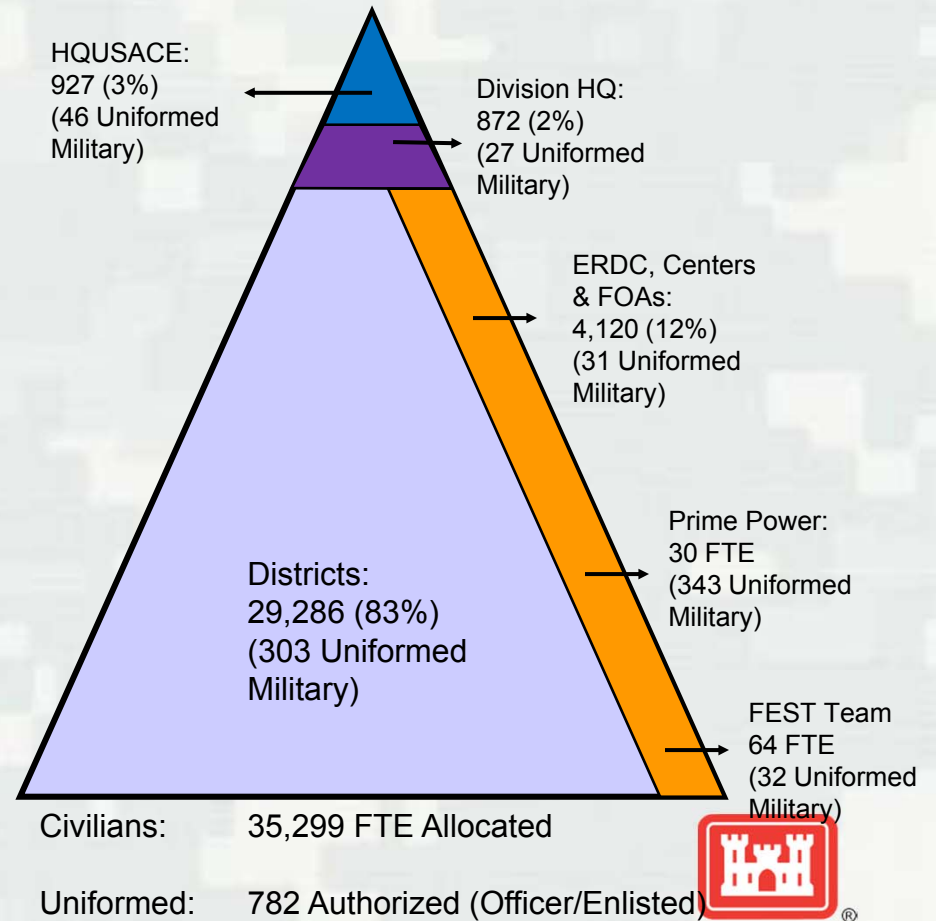
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# What is USACE?

## (FY12 Data)



### Distribution Civilian FTE/Uniformed End Strength (ES)



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# Support to the Army and the Nation

## USACE Mission Areas

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#### Military Programs

- MILCON for Modular Force Global Positioning
- BRAC 05
- Field Force Engineering
- MILCON Transformation
- Environmental Restoration

#### Homeland Security



#### Research & Development

- Warfighter
- Installations
- Environment
- Water Resources



- Critical Infrastructure
- Anti Terrorism Plans
- Intelligence
- Facility Security Partnership

#### Civil Works



#### Real Estate



- DOD Recruiting Facilities
- Contingency Operations
- Acquire, Manage and Dispose

#### Interagency Support

- Federal
- State
- Local
- International



- Navigation, Hydropower
- Flood Control, Shore Protection
- Water Supply, Regulatory
- Recreation, Disaster Response
- Environmental Restoration

# USACE Contributions to the Economy and the Environment

Recreation areas  
368 M Visitors/yr  
Generate \$15B in economic activity,  
500,000 jobs



1/4 of Nation's  
Hydropower:  
\$500M + in  
power sales



12,000 miles of  
Commercial Inland  
Waterways:  
1/2 the cost of rail  
1/10 the cost of trucks

926 Shallow &  
Deep Draft  
Harbors



#1 Federal Provider  
Of Outdoor Recreation  
54,730 Miles Of Shoreline  
at USACE Lakes



8,500 Miles of  
Levees



Stewardship of  
11.7 Million Acres  
Public Lands



137 Major Environmental  
Restoration Projects



US Ports & Waterways Convey > 2B Tons Commerce  
Corps Maintained Ports Provide Strategic Deployment Capability  
Foreign Trade Through Harbors Creates > \$850M Tax Revenues

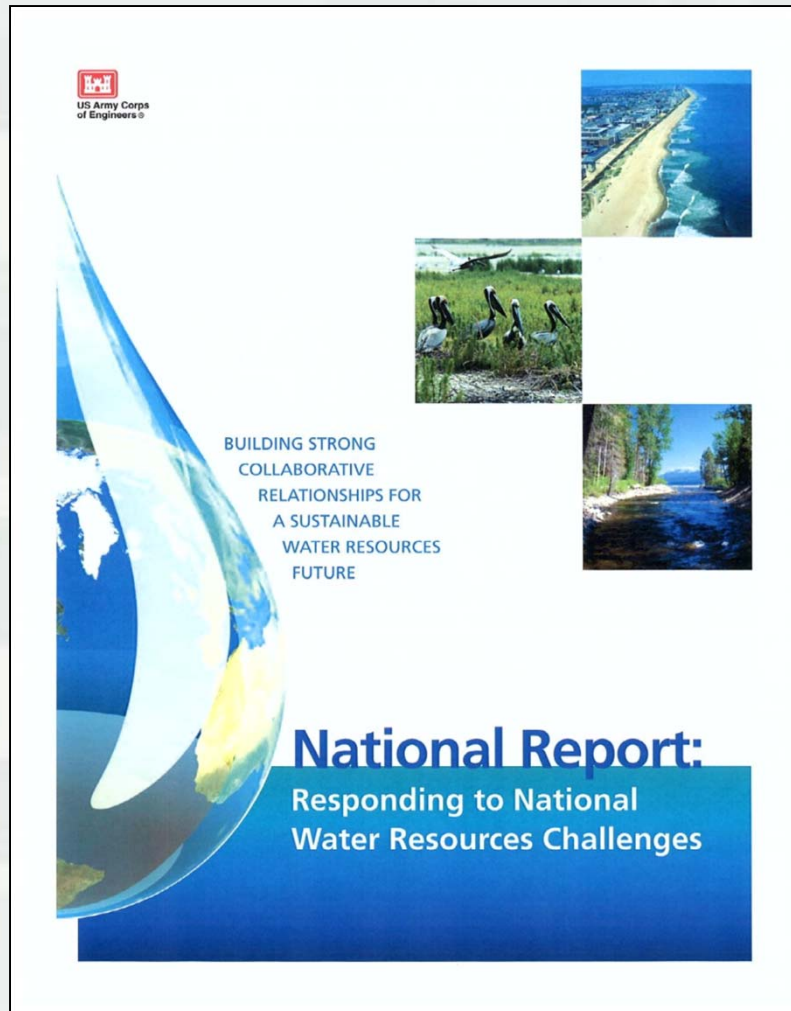
# USACE Around the World

## Global Engagement

- Countries - 100+
- *USACE/USAID Engagement Since 1998*
- \* *USACE/MCC Engagement*



# Approach to a More Sustainable Water Future



- 1) Integrated Water Resources Management
- 2) Governance and Management
- 3) Future National Water Resources Direction
- 4) Collaboration
- 5) Water Resources Investment Strategies
- 6) Managing Extreme Events
- 7) Knowledge & Technology Transfer
- 8) Water Resources Leadership
- 9) Communications and Education



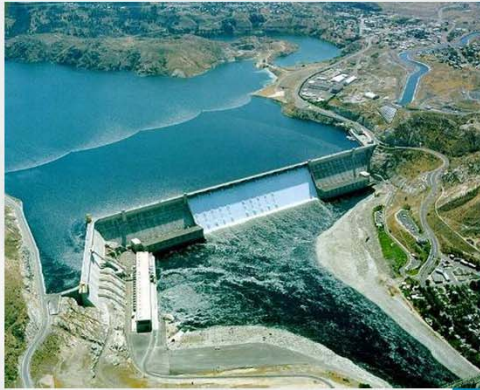
# INTERNATIONAL WATER RESOURCE ACTIVITIES

- USACE involved in wide range of international water resource activities
- Examples include:
  - ▶ Columbia River Treaty
  - ▶ Numerous Boards of Control Under International Joint Commission (IJC)





# Columbia River Treaty



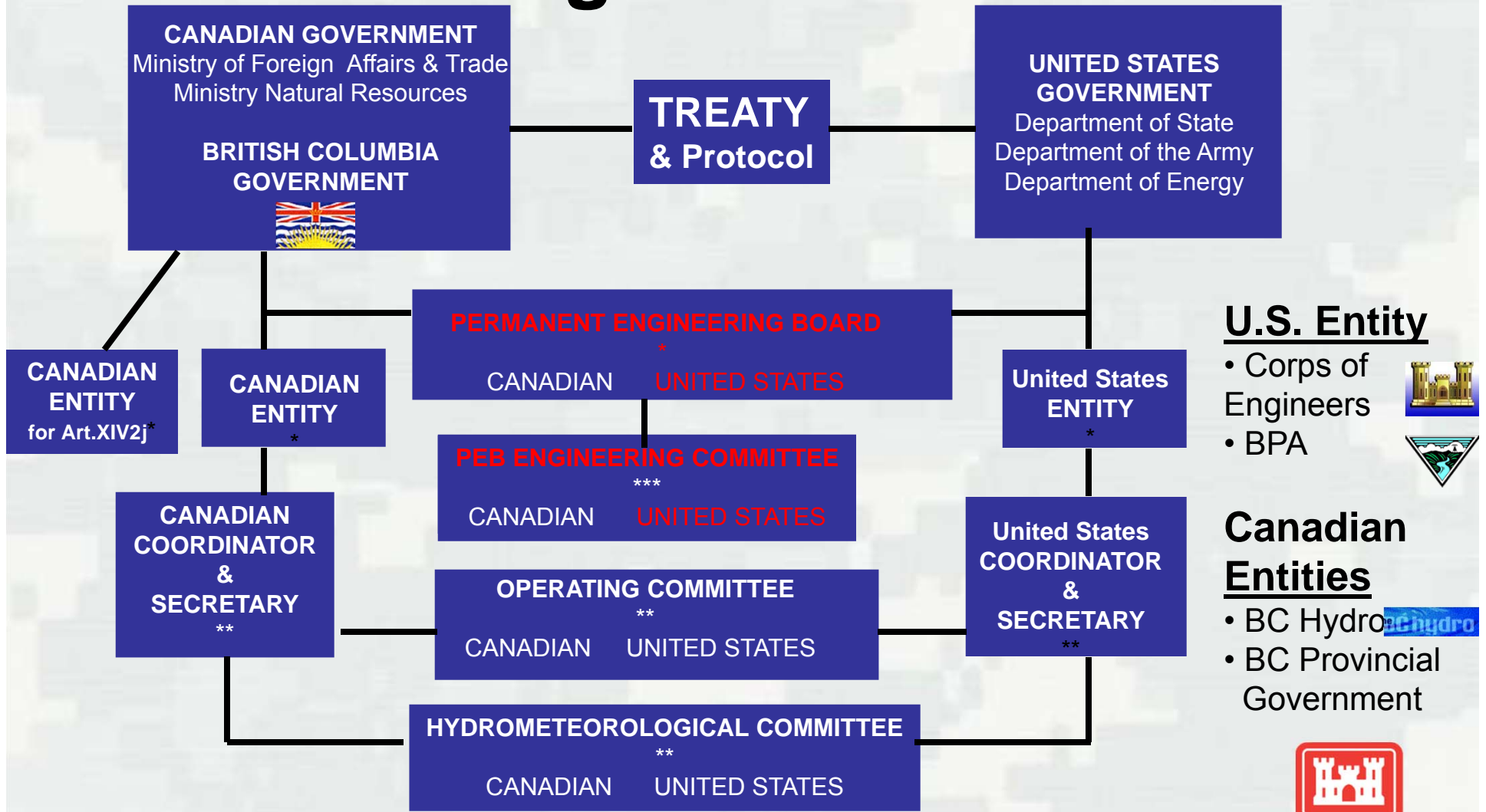
Columbia River System

Senior USACE officials on Treaty Permanent Engineering Board and  
PEBCOM



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# Columbia River Treaty Organization



## U.S. Entity

- Corps of Engineers
- BPA



## Canadian Entities

- BC Hydro
- BC Provincial Government



\* created by Treaty or governments, \*\* created by Entities, \*\*\* created by PEB

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# INTERNATIONAL JOINT COMMISSION BOARDS OF CONTROL

- 1909 Boundary Waters Treaty established International Joint Commission (IJC)
- IJC established over 20 boards with members from U.S. and Canada
- Examples include:
  - ▶ International Kootenay Lake Board of Control
  - ▶ International Osoyoos Lake Board of Control
  - ▶ International Lake Superior Board of Control



# INTERNATIONAL JOINT COMMISSION RECENT ACTIVITIES

- Great Lakes Water Quality Agreement
- Upper Great Lakes Water Level Study
- New approaches to managing levels and flows in Lake Ontario – St. Lawrence River
- Lake of the Woods – Rainy River Watershed Report



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Questions?

