

# ARMY STRATEGY FOR THE ENVIRONMENT

SECURE THE FUTURE



SUSTAIN THE MISSION



# Army's Strategy for the Environment



OCT 1 2004

## The Army Strategy for the Environment "Sustain the Mission – Secure the Future"

The United States Army has long recognized that our mission is only accomplished because America entrusts us with its most precious resources – its sons and daughters. It is our obligation to ensure that our Soldiers today – and the Soldiers of the future – have the land, water, and air resources they need to train; a healthy environment in which to live; and the support of local communities and the American people.

The new *Army Strategy for the Environment: Sustain the Mission – Secure the Future* establishes a long-range vision that enables the Army to meet its mission today and into the future. Sustainability is the foundation for this Strategy and a paradigm that focuses our thinking to address both present and future needs while strengthening community partnerships that improve our ability to organize, equip, train, and deploy our Soldiers as part of the joint force.

Sustainability connects our activities today to those of tomorrow with sound business and environmental practices. We have learned over the past decades that simply complying with environmental regulations will not ensure that we will be able to sustain our mission. We must strive to become systems thinkers if we are to benefit from the interrelationships of the *triple bottom line* of sustainability: mission, environment, and community. To sustain the future Army we must implement effective policies and practices that safeguard the environment and our quality of life in a manner that our nation expects of us.

The Army Strategy for the Environment does not pretend to dictate all the answers. It is only the starting point that commits Army leaders at all levels to certain goals and challenges them to develop innovative methods to achieve these goals. Achieving the vision outlined in this strategy will require a deep and personal commitment from every member of the Army team – every leader, every Soldier, every civilian, and every family member. For the Army to be successful on its quest toward sustainability we must all do our part to *Sustain the Mission, Secure the Future!*

Handwritten signature of Peter J. Schoomaker in blue ink.

Peter J. Schoomaker  
General, United States Army  
Chief of Staff

Handwritten signature of R.L. Brownlee in blue ink.

R.L. Brownlee  
Acting Secretary of the Army

"It is our obligation to ensure that our Soldiers today- and the Soldiers of the future- have the land, water, and air resources they need to train...environment in which to live...and the support of local communities."

# SECURE THE FUTURE

Army Strategy For The Environment Is Designed To Strengthen The Army Today And In The Future



- ❖ Establishes Long -Term Vision Which Establishes Goals

- ❖ Transitions From Compliance Based Environmental Programs to Mission Oriented Approach Based on Sustainability

**A SUSTAINABLE Army simultaneously:**

- ❖ Meets Current And Future Mission Requirements Worldwide
- ❖ Safeguards Human Health
- ❖ Improves Quality of Life
- ❖ Enhances the Natural Environment

# SUSTAIN THE MISSION

- ❖ The Global Strategy has Adapted to the Changing Enemy
- ❖ Potential Enemies are No Longer Established States With Political Boundaries
- ❖ Advanced Technology and Growing Global Population Have Stressed Limited Resources
- ❖ US Response to Through Political, Economic and When Necessary, Military Engagement Is Based Upon Many Factors



- ❖ Famine
- ❖ Natural Disasters
- ❖ Ecological Degradation
- ❖ Economic Decline
- ❖ Political Upheaval
- ❖ Disputes Of Scarce Natural Resources

# MEET THE CHALLENGES



- ❖ Transforming How the Army Fights and Trains
- ❖ How We Do Business
- ❖ Challenge How We Think and Act

# SUSTAINABILITY IS THE KEYSTONE

*SUSTAIN THE ENVIRONMENT TO ENABLE THE ARMY MISSION AND SECURE THE FUTURE.*

The Army Strategy represents a change in Army thinking and policy advancement in the recognition of the interdependence between the mission, the community, and the environment.

## Building on the Four Pillars

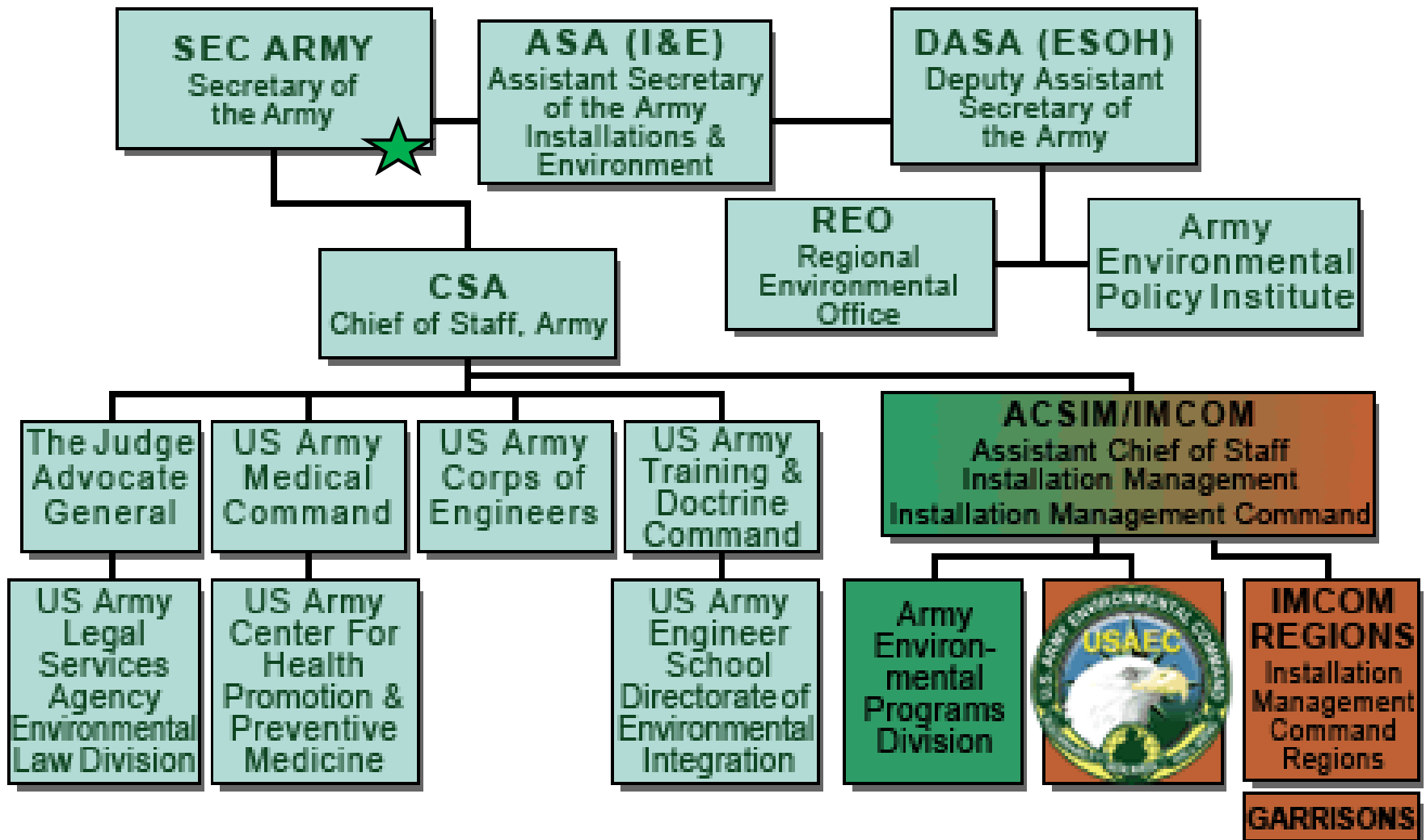
- ❖ Conservation
- ❖ Restoration
- ❖ Pollution Prevention
- ❖ Compliance

Incorporates environmental considerations into all contingency and combat operations



Applies to Army units, organizations, personnel, suppliers support contractors, and partners

# Army Organizational Structure





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**ASSISTANT SECRETARY OF THE ARMY FOR INSTALLATIONS, ENERGY & ENVIRONMENT**



## **Mission:**

OASA (IE&E) provides strategic direction for Army installations and facilities in all matters relating to: infrastructure, energy and the environment, to support global Army missions in a cost effective, safe, and sustainable manner.



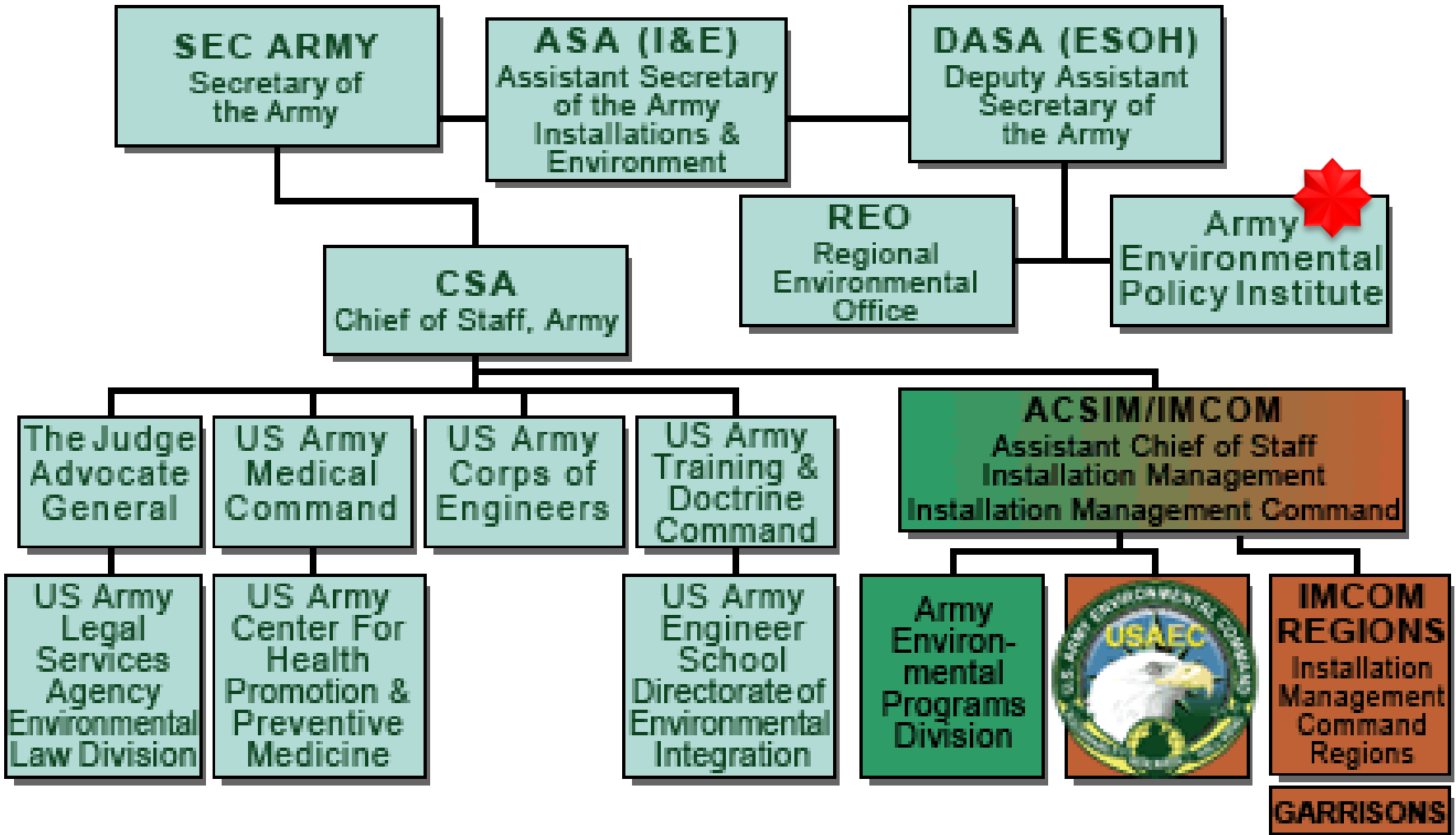
## **LEADER:**

"It's operationally necessary, it's fiscally prudent, and its mission essential for us to make sure that we have energy security and can perform our primary mission for the United States."

**Honorable Katherine Hammack**  
Assistant Secretary of the Army  
(Installations, Energy & Environment)



# Army Environmental Organizational Structure



## Role and Responsibilities

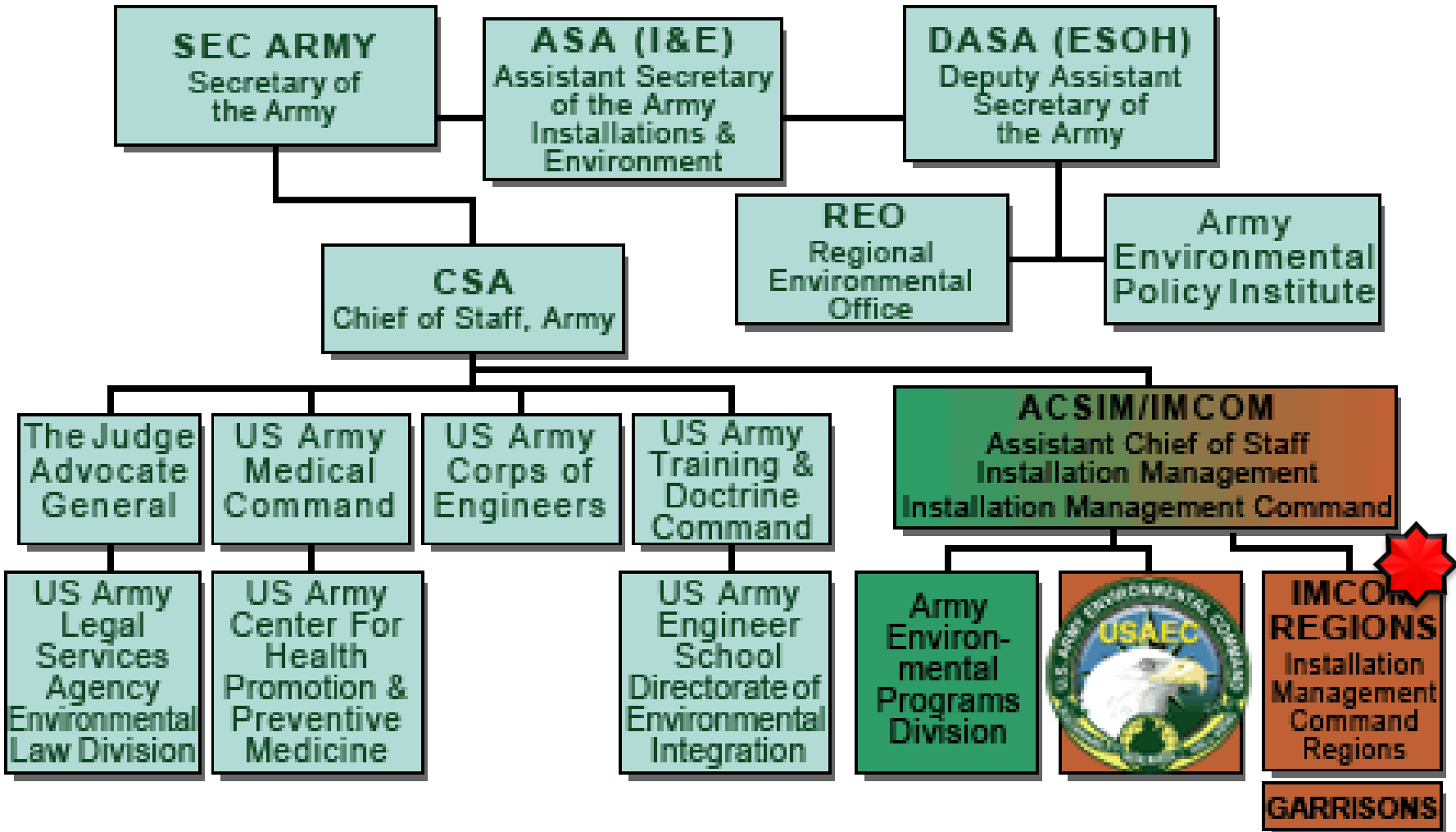
- ❖ AEPI assists the Army Secretariat in developing policies and strategies to improve or resolve environmental policy issues that may have significant short or long-term impacts on the Army.
- ❖ Plans and assesses for future environmental challenges and opportunities for the Army.
- ❖ Our overall objective is to support the triple bottom line of Army sustainability
- ❖ Mission, Environment, and Community



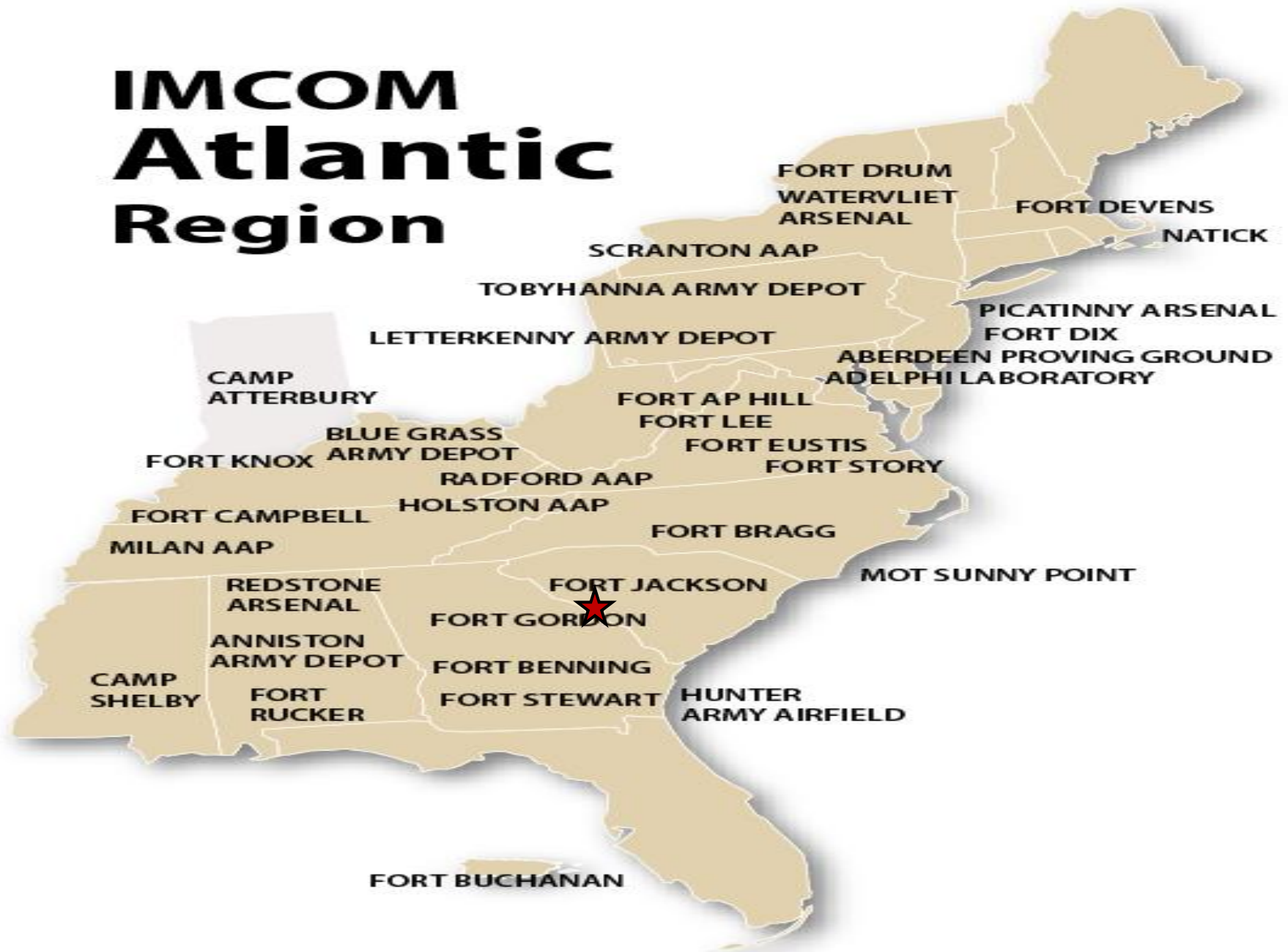
### AEPI Initiatives Help The Army To:

- ❖ Sustain Readiness
- ❖ Improve Quality of Life
- ❖ Strengthen Community Relationships
- ❖ Reduce Total Costs of Ownership By Promoting Installation Sustainability

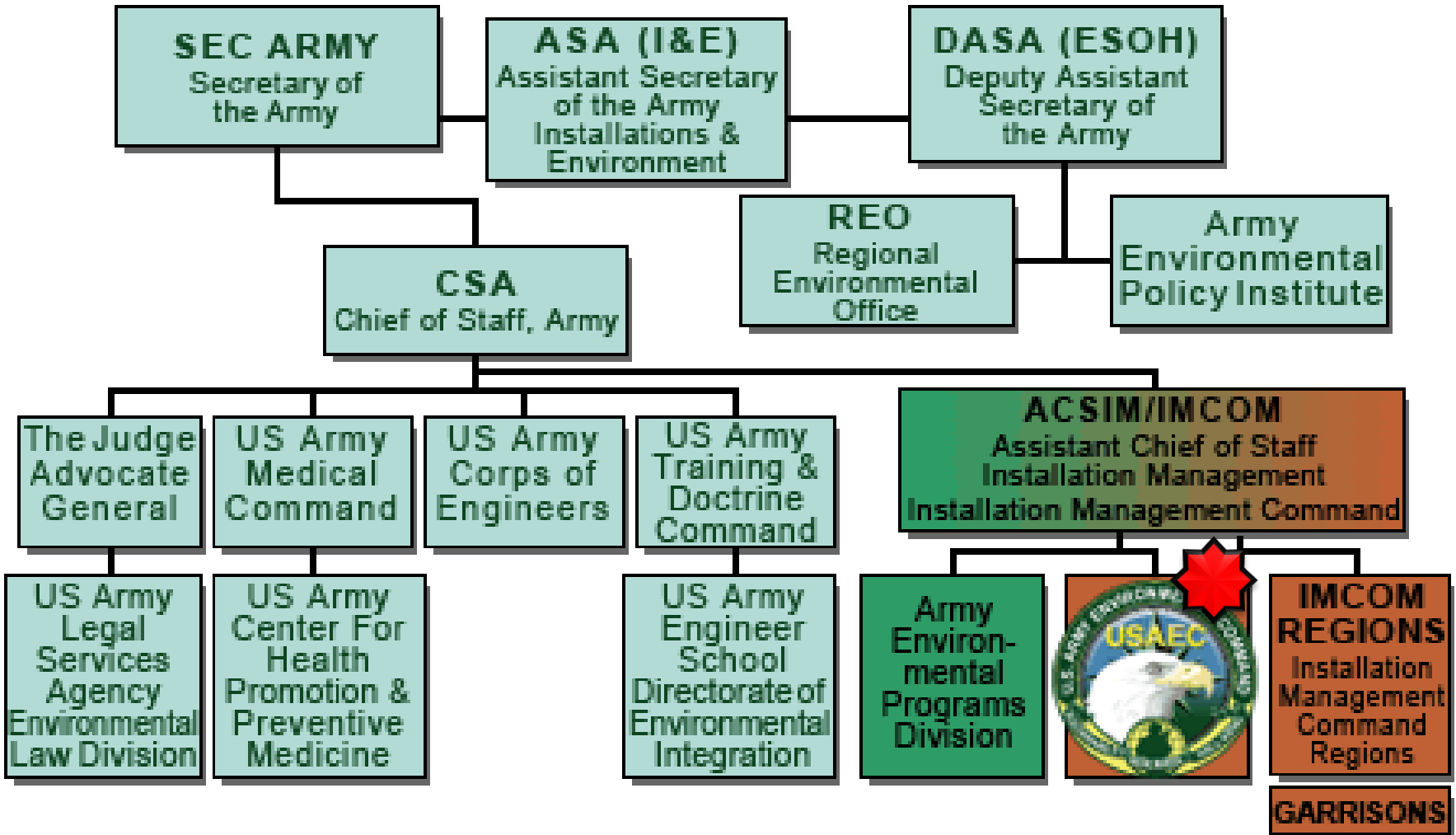
# Army Environmental Organizational Structure



# IMCOM Atlantic Region



# Army Environmental Organizational Structure



# United States Army Environmental Command

## Compliance Branch



- ❖ Clean Air Act Management
- ❖ Drinking Water Management
- ❖ Emergency Planning and Community Right-to-Know Act Reporting
- ❖ Environmental Legislative and Regulatory Analysis and Monitoring Program (EL/RAMP)
- ❖ Hazardous Waste Management
- ❖ Integrated Solid Waste Management
- ❖ Storage Tank and Spill Management
- ❖ Toxics Management (PCBs, Asbestos, Lead-based Paint, Radon)
- ❖ Wastewater Management
- ❖ Watershed Management



# USAEC

## Cultural Resources

### Program Areas

- Native American Affairs
- Historic Buildings and Landscapes
- Archeology

# Endangered Species & Migratory Bird Programs



Over 200 federally listed Threatened or Endangered (T&E) species have been recorded onsite or contiguous to 128 Army installations. Numerous species classified as Species at Risk (SAR), which includes Candidate species (16), also occur on Army installations.





# USAEC

## Forestry & Conservation Reimbursable Program



The Army's conservation reimbursable and fee collection programs consist of three individual and distinct program areas:

- ❖ Forestry
- ❖ Agriculture/Grazing
- ❖ Hunting and Fishing.



## National Environmental Policy Act(NEPA)

The purpose of NEPA is to include environmental consideration into Federal agency planning and action.

This is done by providing decision makers and other stakeholders with the information they need to understand potential environmental impacts of proposed actions.

One of the basic principles of NEPA is that people make better decisions when they have clear information about the consequences and trade-offs associated with taking any given course of action.



# USAEC

## Pest Management

### Mission

USAEC provides centralized pest management oversight and technical support for the U.S. Army Pest Management Program for Installation Management Command (IMCOM) Regions (except Europe and Korea) and other special installations not currently under IMCOM.

### Vision

Our vision is to protect human health, property, and natural resources from adverse impacts of weeds, insects, vertebrates and other pests. This goal focuses our efforts to sustain training lands, ranges, and facilities that support readiness with minimum impacts to the environment.

Integrated Pest Management Program

- ❖ Programmatic Environmental Assessment for the U.S. Army
- ❖ Integrated Pest Management Program

## Pollution Prevention (P2)

P2 is driven by presidential orders and local, state, and federal requirements, including:

- ❖ The Pollution Prevention Act of 1990
- ❖ Executive Order (EO) 12856, Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements
- ❖ EO 13101, Greening the Government Through Waste Prevention, Recycling and Federal Acquisition
- ❖ EO 13123, Greening the Government Through Efficient Energy Management
- ❖ EO 13148, Greening the Government Through Leadership in Environmental Management
- ❖ EO 13149, Greening the Government Through Federal Fleet and Transportation Efficiency
- ❖ Emergency Planning and Community Right-to-Know Act (EPCRA)
- ❖ Resource Conservation and Recovery Act (RCRA)
- ❖ Clean Water Act (CWA)
- ❖ Safe Drinking Water Act (SDWA)
- ❖ Clean Air Act (CAA)
- ❖ The U.S. Code of Federal Regulation

Pollution prevention (P2) is a comprehensive initiative to reduce and prevent pollution at the source.

It focuses on:

- ❖ conservation of resources,
- ❖ replacement of hazardous materials with less hazardous materials,
- ❖ waste reduction,
- ❖ recycling, and other preventive means to successfully and cost effectively avoid, prevent, or reduce the generation of pollutants.

## Ranges

The Army's mission is to protect and serve the nation through providing the best in trained Soldiers and finest in tested equipment to keep the nation secure. To effectively prepare, the Army uses training ranges for Soldiers to participate in live-fire exercise, and equipment and weapon testing ranges to ensure that Soldiers have access to the best and latest proven, tested equipment and weapon systems.



## Reporting

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ARMY ENVIRONMENTAL REPORTING ONLINE



ARMY ENVIRONMENTAL PROGRAMS

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## Sustainability

The goals of the Army's sustainability strategy are as follows:

**Foster a sustainability ethic:** Foster an ethic within the Army that takes us beyond environmental compliance to sustainability.

**Strengthen Army operations:** Strengthen Army operational capability by reducing our environmental footprint through more sustainable practices.

**Meet test, training, and mission requirements:** Meet current and future training, testing, and other mission requirements by sustaining land, air, and water resources.

**Minimize impacts and total ownership costs:** Minimize impacts and total ownership costs of Army systems, material, facilities, and operations by integrating the principles and practices of sustainability.

**Enhance well-being:** Enhance the well-being of our Soldiers, civilians, families, neighbors, and communities through leadership in sustainability.

**Drive innovation:** Use innovative technology and the principles of sustainability to meet user needs and anticipate future Army challenges. These goals were derived from the Army Strategy Map and all six goals support the Army's four overarching integrated goals.

## Geographic Information & Services (GI&S)

### USAEC GI&S Initiatives

- Centralized Geospatial Data Collection Effort (CGDCE)
- Encroachment Analysis
- Environmental Quality Assurance Plans



**U.S. ARMY**

