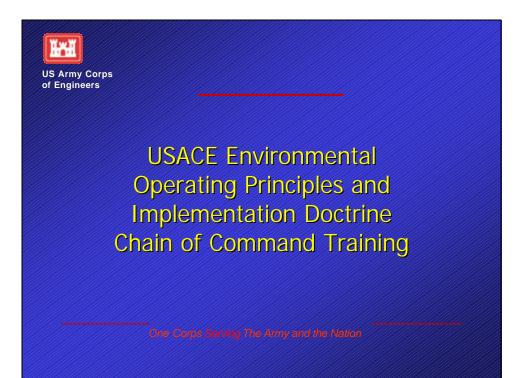


Joint Real Estate and Natural Resources Partnering Session Kansas City, Missouri

> Land Use Planning and Development Process

> > Peggy Erickson, CERE-C





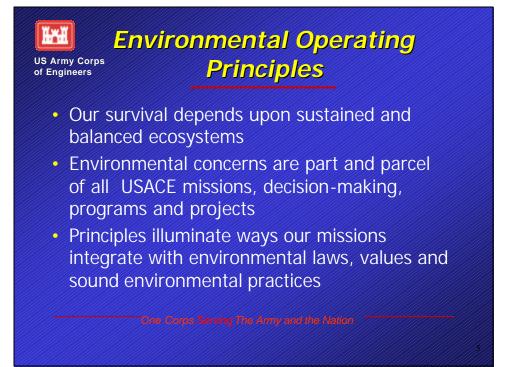
## USACE Environmental Operating Principles

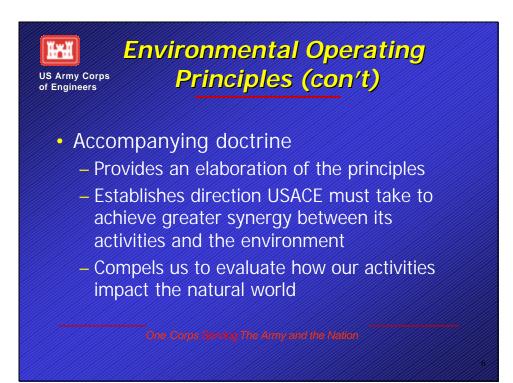
1. Strive to achieve Environmental Sustainability. An environment maintained in a healthy, diverse, and sustainable condition is necessary to support life.

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US Army Corps of Engineers

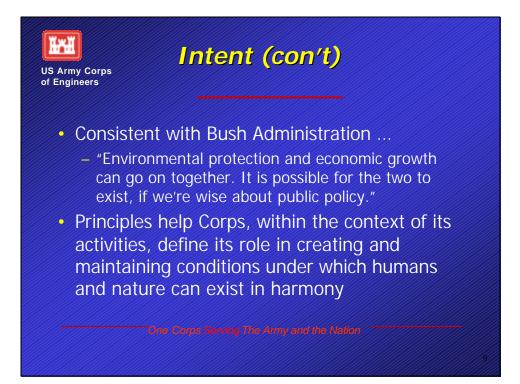
- Recognize the interdependence of life and the physical environment. Proactively consider environmental consequences of Corps programs and act accordingly in all appropriate circumstances.
- Seek balance and synergy among human development activities and natural systems by designing economic and environmental solutions that support and reinforce one another.
- 4. Continue to accept corporate responsibility and accountability under the law for activities and decisions under our control that impact human health and welfare and the continued viability of natural systems.
- Seek ways and means to assess and mitigate cumulative impacts to the environ-ment: bring systems approaches to the full life cycle of our processes and work.
- 6. Build and share an integrated scientific, economic & social knowledge base that supports a greater understanding of the environment and impacts of our work.
- 7. Respect the views of individuals and groups interested in Corps activities; listen to them actively and learn from their perspective in the search to find innovative win-win solutions to the Nation's problems that also protect and enhance the environment.

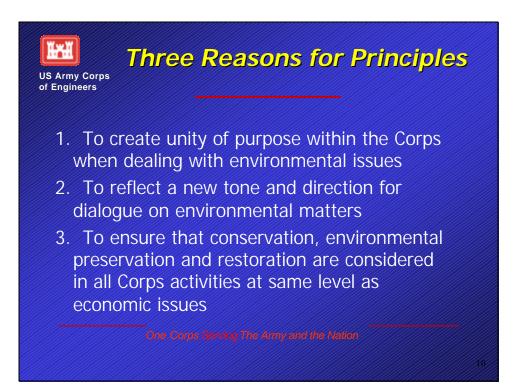












## Statutory and Army Policy Foundations

Principles are consistent with:

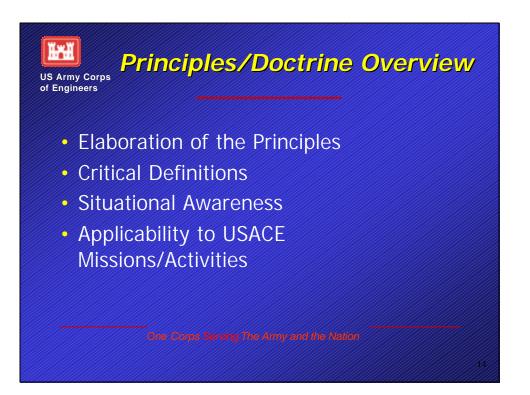
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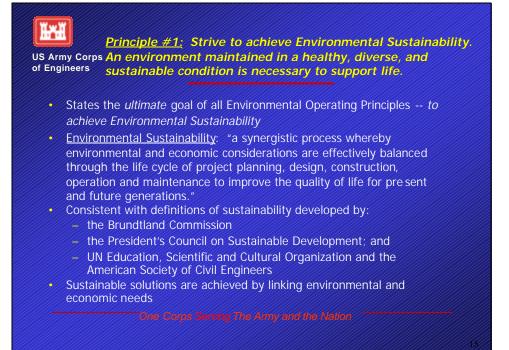
US Army Corps of Engineers

- National Environmental Policy Act (NEPA)
- Other environmental statutes and environmental provisions of Water Resources Development Acts that govern Corps activities
- Army's Environmental Strategy of prevention, compliance, restoration and conservation







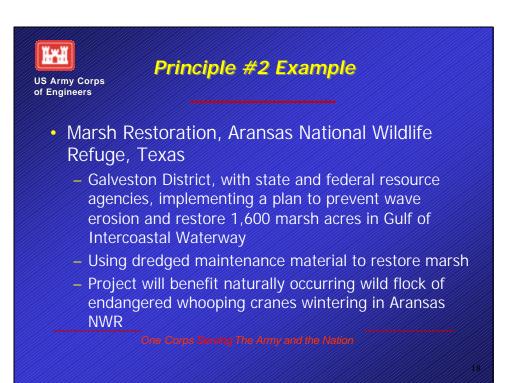




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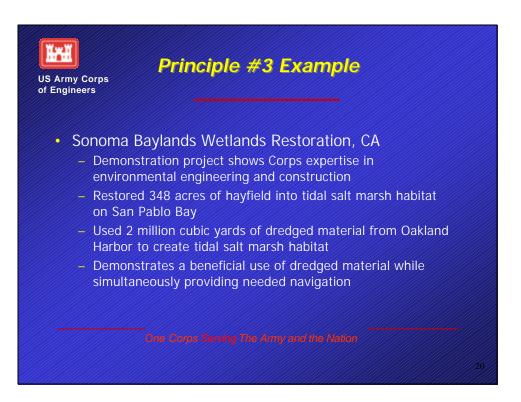
**<u>Principle #2</u>**; Recognize the interdependence of life and the physical environment. Proactively consider environmental US Army Corps consequences of Corps programs and act accordingly in all appropriate circumstances.

- Stresses awareness of:
  - the effect Corps activities have on the environment
  - our values as citizens
  - our mission as an executive agency of the federal government
- Focus Corps efforts on:
  - optimizing use and conserving of dwindling resources
  - developing environmentally sustainable systems
  - promoting use of techniques that improve environmental sustainability
- Calls for educating civilian/military leaders on interdependence between the environment and mission execution

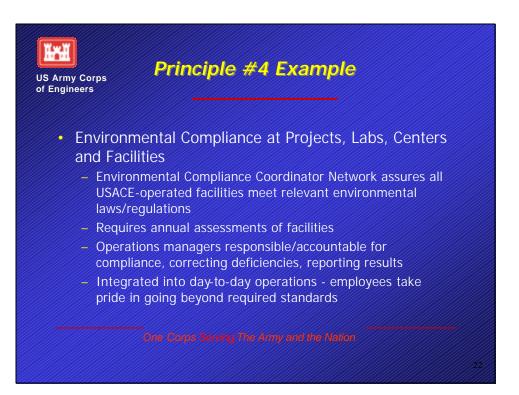


US Army Corps of Engineers <u>Principle #3:</u> Seek balance and synergy among human development activities and natural systems by designing economic and environmental solutions that support and reinforce one another.

- Develop and execute procedures that will effect balance between human activities and the earth's ecosystems
- PMB process to incorporate relevant environmental and economic factors as a routine business practice
- To effectively convey impacts of development activity, evaluation should integrate value of natural resources development with environmental enhancements
- Green Building concept
- Corps should move beyond traditional success criteria of cost, performance and timeliness to also include use of innovative technologies, materials and designs to lessen stress our activities have on the environment



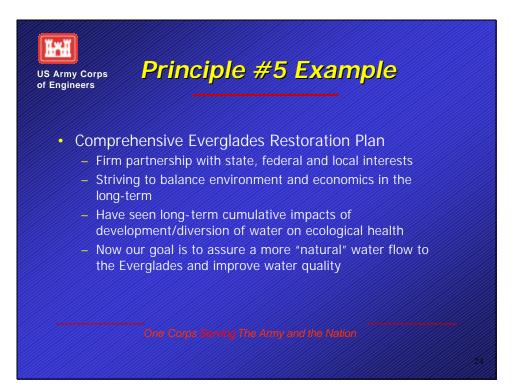
Principle #4: Continue to accept corporate responsibility and H accountability under the law for activities and decisions under our control that impact human health and welfare and the continued US Army Corps viability of natural systems. of Engineers Focus on compliance with Nation's environmental laws and mandates in our mission execution Apply responsibility and accountability in <u>all</u> aspects of our work (administrative, technical, scientific, managerial) and ensure everything we do meets or exceeds legal requirements Responsibility and Accountability mean: Understanding importance of achieving sustainability - Setting expectations for changes in individual and corporate behavior - Setting clear objectives for every project and activity, and Providing sound indicators to report achievements



US Army Corps of Engineers

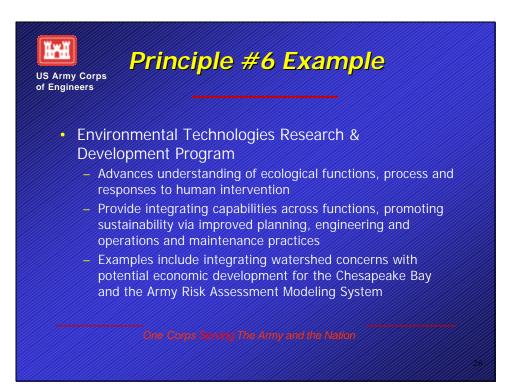
<u>Principle #5;</u> Seek ways and means to assess and mitigate cumulative impacts to the environment; bring systems approaches to the full life cycle of our processes and work.

- Cumulative impacts Occur when the effects of an action are added to or interact with other effects in a particular place and within a particular time.
- Consider the full range of consequences of our actions on the environment, in conjunction with the actions of others, and do so early and throughout a project's life cycle
- Collaborate with other government and non-government actors to identify those existing processes that are reliable for analyzing cumulative impacts
- Calls for additional research in building more comprehensive assessment and mitigation tools



 Principle #6: Build and share an integrated scientific, economic and social knowledge base that supports a greater understanding of the environment and impacts of our work.
----- Continually identify our knowledge needs and resources
Effectively use the specialized environmental expertise we pervi-

- Effectively use the specialized environmental expertise we now possess
- Continue to develop the Corps knowledge base by tapping into sources of expertise throughout the federal government, state and local agencies, and the private sector
- Stay abreast of new technologies in our respective disciplines
- Plan for future learning requirements and talent voids
- Harness capabilities of our digital infrastructure to effectively facilitate knowledge acquisition and decision-making



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**<u>Principle #7</u>**: Respect the views of individuals and groups interested in Corps activities; listen to them actively and learn from their perspective in the search to find innovative win-win US Army Corps solutions to the Nation's problems that also protect and enhance the environment.

- Charges Corps to actively seek involvement of scientists, engineers, experts in academia, the private sector, public interest groups and other authorities in environmental issues and listen to them with objectivity
- Diversity of opinions and ideas provides a fertile ground for innovation
- Regional Listening Sessions conducted in 2000 offered citizens a voice
- Environmental Advisory Board revitalized
- Stresses that collaboration across the federal community is a means to achieve environmentally sustainable solutions

