

Association of State and Territorial

**ASTSWMO**

Solid Waste Management Officials



# ASTSWMO's *Focus on Sustainability*

Federal Facilities Symposium

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**Jennifer Kaduck**

Chairman, ASTSWMO Sustainability Committee

Chief, Land Protection Branch

Georgia Environmental Protection Division



# ASTSWMO's 2005 Strategic Plan

- Identified environmental sustainability as a key focus area for the association
- Set up a sustainability action plan calling for focus on product design, product stewardship, recycling and land revitalization



# From Waste to Resource

- In 2006, a task force of the Board of Directors published “From Waste to Resource: A Fundamental Shift to Sustainable Materials Management”





# From Waste to Resource

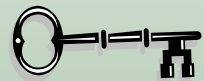
- Expressed deep concern about increasing volume of solid waste and growing population
- Coined phrase “turning the tide on waste generation, turning the tide of land contamination”
- Declared now is the time to choose a new path based on sustainable management of materials
- Defined “sustainability” for the association as “meeting the needs of the present generation without compromising the ability of future generations to meet theirs”



# Five Essential Keys



Extraction, production and consumption must be within the ability of natural systems to replenish, regenerate and reassimilate



Functions of natural systems should be restored and maintained



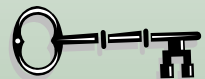
Full lifecycle costs of materials extraction should be incorporated into cost of products and precious metals should be recovered for reuse, not disposed as waste



# Five Essential Keys



Hazardous substances should be safely returned to the earth in a stable form, causing no more threat than they had before extraction



All materials used in commerce must be used continuously in the production cycle or returned to the earth without consequence



# ASTSWMO Programs

- Solid Waste Subcommittee
- Hazardous Waste Subcommittee
- CERCLA and Brownfields Research Center
- Underground Storage Tanks Subcommittee
- Federal Facilities Research Center
- Program Information and Exchange Subcommittee
- Sustainability Subcommittee

***New!***



# Sustainability Subcommittee

- Its purpose is consistent with the association's strategic plan and will help the association develop, disseminate and implement the best emerging ideas and methodologies needed to help ensure societal needs are met without compromising the needs of future generations



# Sustainability Task Forces

- Product Stewardship
  - Chair: Garth Hickle (MN)
  - Goal: To engage all players along the product chain in reducing the lifecycle impacts of products



Photo: Basel  
Action Network



# Sustainability Task Forces

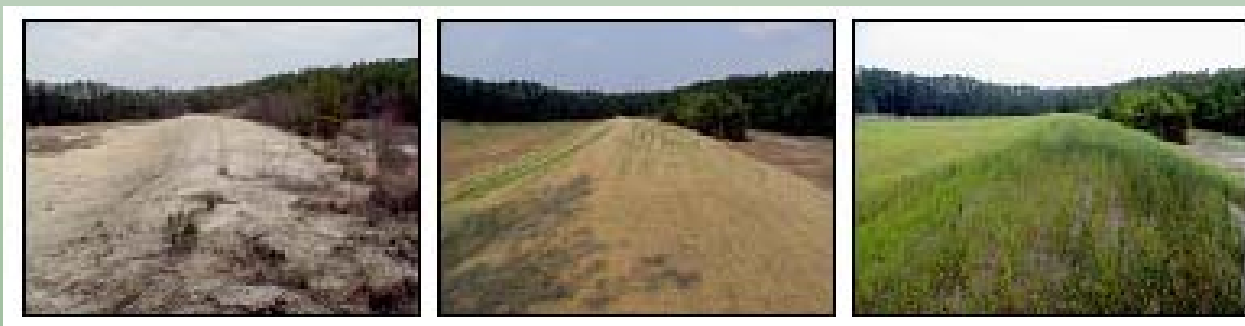
- Green Chemistry
  - Chair: Stan Phillippe (CA)
  - Goal: To promote state activities that will stimulate a green chemistry revolution in the design of chemicals, products and industrial processes





# Sustainability Task Forces

- Greener Cleanups
  - Chair: Heather Nifong (IL)
  - Goal: To make site cleanups more efficient and less polluting



Photos: U.S. Army Environmental Command



# Sustainability Task Forces

- Greening State Government
  - Chair: Jeff Sama (NY)
  - Goal: To green the daily activities of state agencies such as fleet management, office and field operations, and to green the procurement of goods, services and technology to the fullest extent practicable

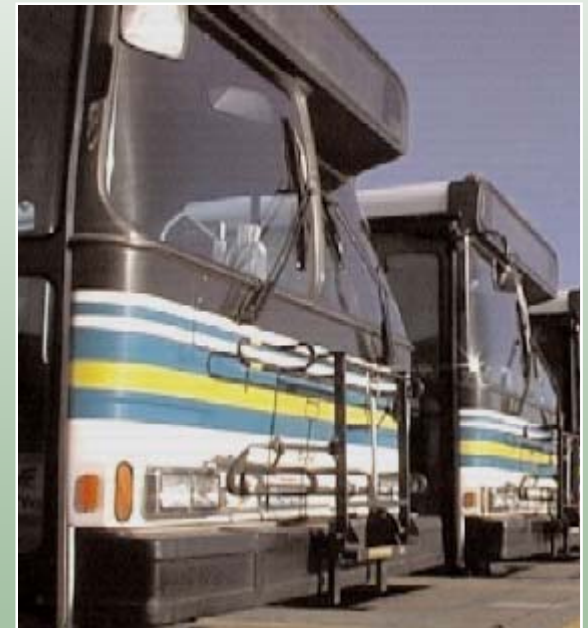


Photo: Puget Sound  
Clean Cities Coalition



# Potential New Task Forces

- A task force on municipal solid waste recycling within the existing solid waste subcommittee
- A task force on the Vision 2020 project within the existing sustainability subcommittee



# Task Force Recruitment

- All task forces are now recruiting state agencies for membership
- Interested?
  - Contact [Jennifer\\_Kaduck@dnr.state.ga.us](mailto:Jennifer_Kaduck@dnr.state.ga.us)  
404-362-2564
  - Or contact task force chairs