Emerging Contaminants Threats to Colorado's Water Supply

April 30, 2009

Colorado Environmental Partnership

INSTITUTE FOR ENVIRONMENTAL SOLUTIONS

Carol Lyons
Executive Director
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AGENDA

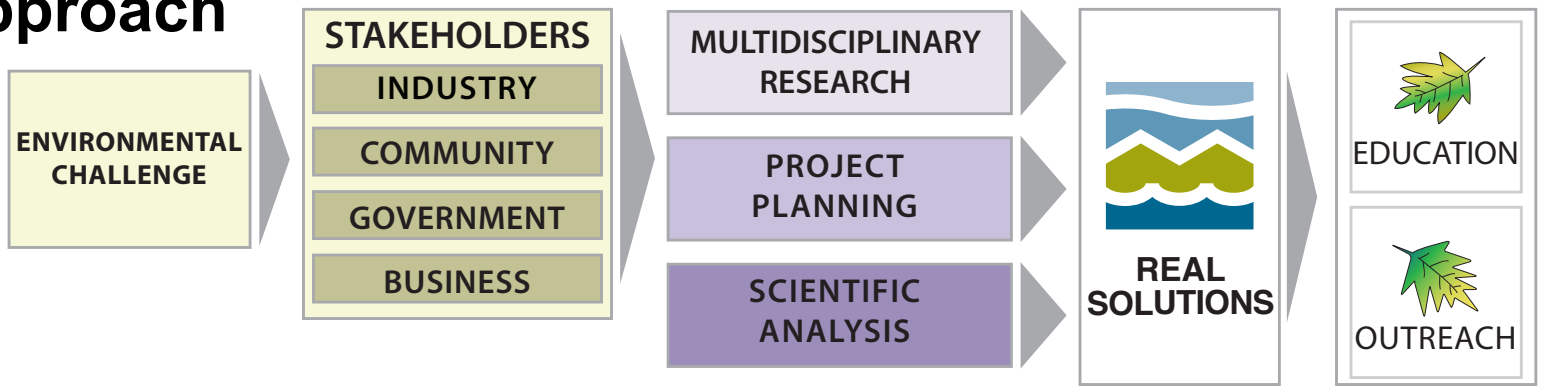
Introduction	Carol Lyons
Fate Of Steroid Sex Hormones In The Environment	Thomas Borch
EPA's Challenges in Addressing Contaminants of Emerging Concern	Kristen Keteles
Emerging Contaminants: Linking Science to Effective Action	Sara Klingenstein
Discussion	
Reception	
Adjourn	4 p.m.

INSTITUTE FOR ENVIRONMENTAL SOLUTIONS

Mission

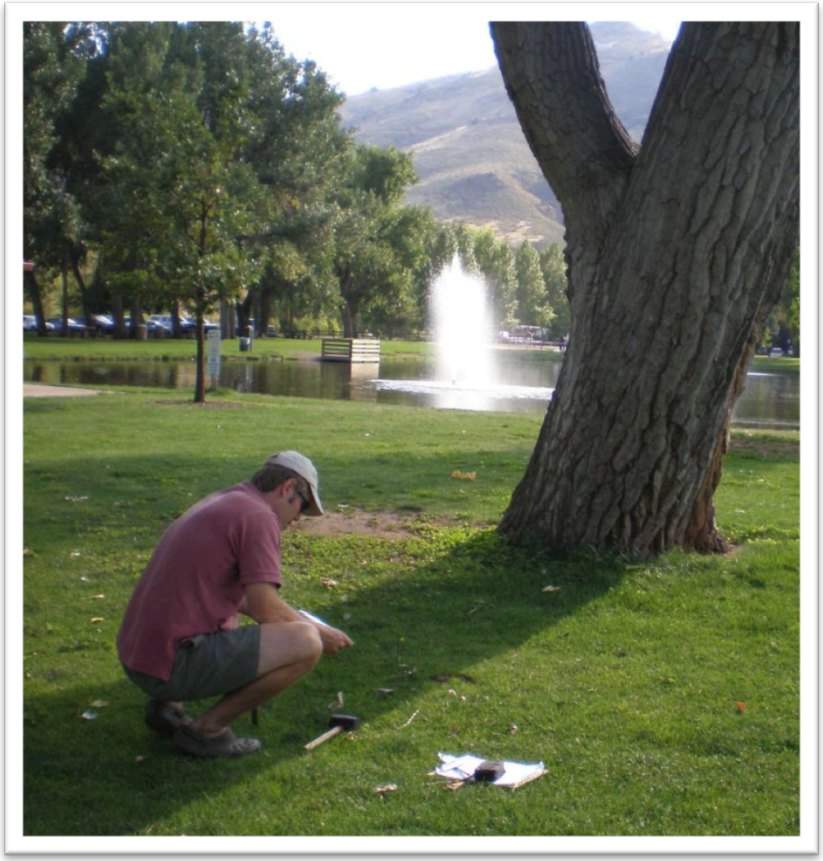
Engage stakeholders to deliver proactive, technically sound solutions to complex environmental and natural resource problems that avoid unwanted side effects.

Approach



SCIENTIFIC SOLUTIONS FOR A BETTER ENVIRONMENT

THE TREE PROJECT



- Identifying how trees can optimize:
  - Air quality
  - Water conservation
  - Energy conservation
  - Carbon sequestration
- Pilot city: Golden

TREES AND ENVIRONMENTAL TRADEOFFS

SCIENTIFIC SOLUTIONS FOR A BETTER ENVIRONMENT

CONCLUSIONS

- Trees: a valuable part of the urban environment
- Environmental tradeoffs inherent in tree planting
- Strategically select, locate and maintain trees
- Great potential for integrated environmental improvement

DR. THOMAS BORCH

Assistant Professor of Environmental Chemistry

Colorado State University

Departments of Chemistry & Soil and Crop Sciences

M.Sc.	University of Copenhagen
Ph.D.	Montana State University
Post doc	Stanford University

Determine reactions influencing the fate of heavy metals and other contaminants in soil and water

DR. KRISTEN KETELES

Toxicologist

Pollution Prevention, Pesticides, and Toxics Program

U.S. EPA Region 8

Office of Partnerships and Regulatory Assistance

Ph.D.	Louisiana State University, Biology
Post doc	FBI Academy, Quantico,VA

Biology Department, University of Central Arkansas

National Park Service

MS. SARA KLINGENSTEIN

Research Associate / Project Coordinator
Emerging Contaminants Project
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THE TREE PROJECT
ENERGY • WATER • AIR

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EMERGING
CONTAMINANTS