Mini-Symposium on Environmental Science and Public Health

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Today’s Motivation

Synergistic global change and public health challenges for 21st Century Texas

- Climate change
  - Temperature
    - Heat stress
    - Infectious diseases
    - Sedentary lifestyle
      - obesity
- Population growth
  - Energy demands
  - Water-borne illnesses, Emerging contaminants
  - Air quality
    - Pulmonary diseases

Water quality & availability

Emerging contaminants
The ESI Mission

Advance the understanding of the environment and sustainability through the development of interdisciplinary research, education and outreach programs.
Here Today

- School of Architecture (Center for Sustainable Design, Community and Regional Planning)
- Cockrell School of Engineering (Dept. of Civil, Architectural, and Environmental Engineering)
- College of Pharmacy
- College of Liberal Arts (Depts. of Economics, Geography & the Environment)
- College of Natural Sciences (Depts. of Integrative Biology, Marine Science, Nutritional Sciences, Statistics and Data Sciences, Kinesiology & Health Education, School of Human Ecology, Institute for Cellular and Molecular Biology, Institute for Neuroscience)
- College of Fine Arts (Dept. of Art & Art History – Design Division)
- Jackson School of Geosciences (Dept. of Geological Sciences, Center for Integrated Earth System Science)
- Lyndon B. Johnson School of Public Affairs
- School of Law
- School of Public Health
- Moody College of Communication
- University of Texas Health Science Center
- School of Nursing
- Environmental Science degree program
- UGS 303 - Sustaining a Planet
- Texas Commission on Environmental Quality
- Austin/Travis County Health and Human Services Department
- Texas Department of State Health Services
- Hexagon Consulting and Services
- US Geological Survey – Texas Water Science Center
Today’s Mission

1. Grand challenges...
   ...and low-hanging fruit

2. Next steps
Note to Speakers

• Remember that you’re speaking to a diverse audience
• Eight minutes each
• Notice given at one minute remaining

Be brief.
Be brilliant.
Be done.