Stanford



Royal Kopperud

Lecturer, Civil and Environmental Engineering

Bio

ACADEMIC APPOINTMENTS

- Lecturer, Civil and Environmental Engineering

Teaching

COURSES

2026-27

- Air Quality Management: CEE 172 (Spr)
- Environmental Science and Technology: CEE 70, ENGR 90 (Win)

2025-26

- Air Quality Management: CEE 172 (Spr)
- Environmental Science and Technology: CEE 70, ENGR 90 (Win)
- Movement and Fate of Organic Contaminants in Waters: CEE 270 (Aut)

2024-25

- Air Pollution Fundamentals: CEE 278A (Aut)
- Air Quality Management: CEE 172 (Spr)
- Environmental Science and Technology: CEE 70, ENGR 90 (Win)

2023-24

- Air Pollution Fundamentals: CEE 278A (Aut)
- Air Quality Management: CEE 172 (Spr)
- Clean Water Now! Urban Water Conflicts: CEE 41Q (Win)
- Environmental Science and Technology: CEE 70, ENGR 90 (Win)

Publications

PUBLICATIONS

- **Fine organic aerosols collected in a humid, rural location (Great Smoky Mountains, Tennessee, USA): Chemical and temporal characteristics** *ATMOSPHERIC ENVIRONMENT*
  Yu, L. E., Shulman, M. L., Kopperud, R., Hildemann, L. M.
  2005; 39 (33): 6037-6050

- **Characterization of organic compounds collected during Southeastern Aerosol and Visibility Study: Water-soluble organic species** *ENVIRONMENTAL SCIENCE & TECHNOLOGY*
  Yu, L. E., Shulman, M. L., Kopperud, R., Hildemann, L. M.
  2005; 39 (3): 707-715

- **Outdoor versus indoor contributions to indoor particulate matter (PM) determined by mass balance methods** *4th Colloquium on PM and Human Health*
  Kopperud, R. J., Ferro, A. R., Hildemann, L. M.
  AIR & WASTE MANAGEMENT ASSOC.2004: 1188–96

- **Elevated personal exposure to particulate matter from human activities in a residence** *9th International Conference on Indoor Air Quality and Climate (Indoor Air 2002)*
  Ferro, A. R., Kopperud, R. J., Hildemann, L. M.
  NATURE PUBLISHING GROUP.2004: S34–S40

- **Source strengths for indoor human activities that resuspend particulate matter** *ENVIRONMENTAL SCIENCE & TECHNOLOGY*
  Ferro, A. R., Kopperud, R. J., Hildemann, L. M.
  2004; 38 (6): 1759-1764