

Stanford

Royal Kopperud

Lecturer

Civil and Environmental Engineering

Bio

ACADEMIC APPOINTMENTS

- Lecturer, Civil and Environmental Engineering

Teaching

COURSES

2021-22

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

2020-21

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

2019-20

- Air Quality Management: CEE 172 (Spr)
- Environmental Science and Technology: CEE 70, ENGR 90 (Win)
- Introduction to Human Exposure Analysis: CEE 178, CEE 276 (Aut)

2018-19

- Air Quality Management: CEE 172 (Spr)
- Environmental Science and Technology: CEE 70, ENGR 90 (Win)
- Introduction to Human Exposure Analysis: CEE 178, CEE 276 (Aut)

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