

Section C

Omni San Diego Hotel

Grand Ballroom E

ES&T @ 50: Award Winning Researchers Past, Present & Future

*Financially supported by Environmental
Science & Technology; Environmental
Science & Technology Letters*

B. E. Logan, *Organizer*

D. L. Sedlak, *Organizer, Presiding*

8:00 Introductory Remarks.

8:05 ENVR 325. Status of biology in
ES&T: Reflections on the last 50 years.
J.M. Suflita

8:50 ENVR 326. Antibiotic resistance and
water sustainability: Protecting public
health in a changing world. A. Pruden,
M. Edwards, A. Salveson, E. Garner

9:15 ENVR 327. Compilation and appli-
cation high resolution global emission
inventories of air pollutants. S. Tao,
H. Shen, H. Chen, Q. Zhong

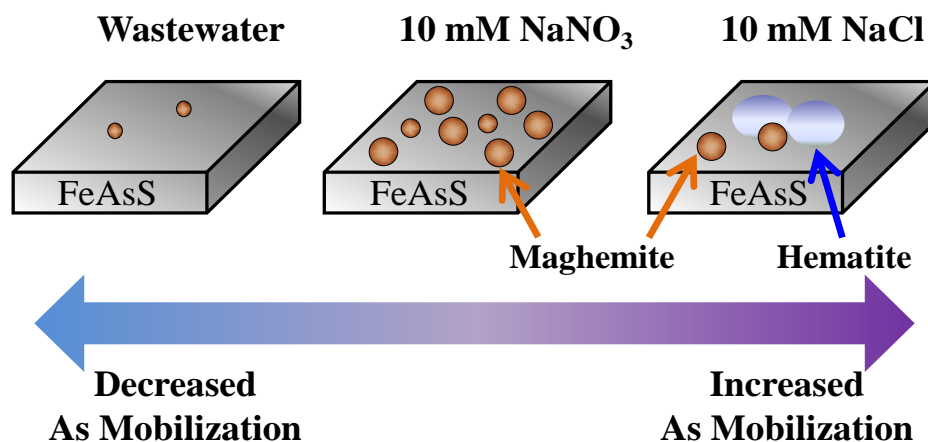
9:40 ENVR 328. Redox active metal-qui-
none interactions in oxic aquatic
systems: Implications to metal specia-
tion, quinone transformation and reactive
oxygen species generation. T.D. Waite,
S. Garg, C. Jiang

10:05 Intermission.

10:25 ENVR 329. Award Address (ACS
Award for Creative Advances in
Environmental Science and Technology
sponsored by the ACS Division of
Environmental Chemistry and the ACS
Publications journal Environmental
Science & Technology and Environmental
Science & Technology Letters) Microbial
electrochemical technologies at the
nexus of food, energy, water and climate
change. B.E. Logan

11:10 ENVR 330. Water chemistry changes
induced by managed aquifer recharge
impact arsenopyrite dissolution and sec-
ondary mineral precipitation. C.W. Neil,
Y.J. Yang, D. Schupp, Y. Jun

Water chemistry changes induced by managed aquifer recharge impact arsenopyrite dissolution and secondary mineral precipitation



Presented by: Young-Shin Jun, Associate Professor

Department of Energy, Environmental and Chemical Engineering
Washington University in St. Louis, USA

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Y. Jeffrey Yang (USEPA), and Don Schupp (CB&I)*

The Unchangeable Values

Scientific understanding of the environment and the development of chemical technologies for environmental control are not ends in themselves. The goal is the benefit of man. Society must decide, in the light of the best information that science can provide, what kind of environment it wants. Significant questions of economics and policy are involved in these decisions. For these reasons, in addition to research papers, reviews, and communications, ENVIRONMENTAL SCIENCE AND TECHNOLOGY will work to keep its readers abreast of important technical, economic, and political developments, and it will contain the viewpoints of technically qualified individuals from different fields on significant environmental problems and policies.

James J. Morgan

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