

ENVIRONMENTAL TECHNOLOGY TRANSFER TO RURAL CHINA

Purpose

Dr. Mancl's work with China is comprehensive and reflects her faculty position at OSU to include teaching, outreach, research and service. In her work she continues to successfully improve the environment of both rural China and the US through the exchange of environmental technology. To facilitate her efforts she learned Chinese and obtained an MA in East Asian Studies. Now, through her work and advanced study she promotes Chinese language and culture at OSU and beyond.

Impact

Outreach: In China: Lectures and writes in Chinese about wastewater treatment. In Ohio: Teaches agricultural & business professionals how to work in rural China.

Research: Develops new, low-cost wastewater treatment technology. Builds demonstration systems in rural China and Ohio.

Service: Faculty advisor to the Chinese Culture Connection at OSU. First STEM faculty member in East Asian Studies grad program.



OHIO STATE COLLEGES/UNITS INVOLVED

FOOD, AGRICULTURAL AND
BIOLOGICAL ENGINEERING
EAST ASIAN LANGUAGES AND
LITERATURES
EAST ASIAN STUDIES

COMMUNITY PARTNERS INVOLVED

NATIONWIDE INSURANCE
SHANDONG ACADEMY OF
AGRICULTURAL SCIENCES
BIOHAVEN ENVIRONMENTAL
TECHNOLOGIES
WHITEWATER PROCESSING



CONTACT

KAREN MANCL
PROFESSOR
FOOD, AGRICULTURAL AND BIOLOGICAL
ENGINEERING
MANCL.1@OSU.EDU
SETLL.OSU.EDU

