



西北农林科技大学 资源环境学院

Northwest A&F University, College of Natural Resources and Environment

2026 年 UNESCO-IHE 国际组织实习项目

各研究组研究方向细分清单



- Water Supply Engineering
 - *Coagulation pretreatment for particulate fouling mitigation in UF/RO (Nirajan)*
 - *Disinfection by-products monitoring and prediction (Gofran)*
 - *Ferrate(VI) for NOM and algal removal (Cuong)*
 - *Polymeric vs monomeric ferric for NOM removal (Yiman)*
- Wastewater Treatment
 - *Biological treatments for nutrient removal (Francisco)*
 - *Removal of microplastic by coagulation (Noman)*
 - *Biochar for metal ion removals (Eldon)*
- Ecotechnologies and Resource Recovery
 - *Photogramular for nutrient recovery (Tania)*
 - *Fecal sludge treatment and resources recovery (Konstantina)*
 - *Fungi biological treatment for rare earth metal recovery (Piet)*
 - *Hydrothermal carbonization and hydrochar for resource recovery (Capucine)*
- Desalination and Water Reuse
 - *Biofouling indicator for SWRO (Vanida)*
 - *Emerging organic contaminant removal in secondary effluents (Cuong)*