



# 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
  - *Photogranular 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)*