

# EVPP 434/534

## *Food-Energy-Water (FEW) Nexus*



### INSTRUCTOR:

DR. JENNIFER SKLAREW

ONLINE  
SYNCHRONOUS  
Fall 2021  
3 credits

Tues/Thurs  
12:00 – 1:15 PM

Required or elective for:  
EVSC, EVSS/ESS, EVM,  
ESP, ESPS & MAIS/EAS

### GUEST SPEAKERS FROM:

- USDA
- U.S. Energy Department
- USAID
- Aquaponics farm
- GIS/big data firms
- NGOs

### THEMES:

#### **Food, Energy, & Water Systems + Climate**

- Interconnections
- Resilience & sustainability challenges
- Solutions to challenges
- Sustainable Development Goals (SDGs)

### TRANSDISCIPLINARY COURSE APPROACH:

- Ecological
- Technological
- Economic
- Institutional

### PRACTICAL EXPERIENCE:

- *Explore* a place's FEW nexus challenges
- *Define* solutions leveraging FEW synergies
- *Apply* your own specific research interests



Department of Environmental  
Science and Policy