EVPP 434/534

Food-Energy-Water (FEW) Nexus

INSTRUCTOR:
DR. JENNIFER SKLAREW

Fall 2020
3 credits
Tues/Thurs
12:00 – 1:15 PM

Requirement or elective: 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 System
• Interconnections
• Resilience & sustainability challenges
• Solutions to challenges
• Sustainable Development Goals (SDGs)

TRANSDISCIPLINARY COURSE APPROACH:
• Ecological
• Technological
• Economic
• Institutional

SEMESTER PROJECT:
• Explore a place’s FEW nexus challenges
• Examine solutions leveraging FEW synergies
• Apply your own specific research interests