

Innovations at the Nexus of Food, Energy, and Water Systems (INFEWS)

- USDA NIFA
- Directorates
 - Geosciences
 - Engineering
 - Social, behavioral and economic sciences
 - Office of international science and engineering
 - Office of integrative activities
- Full proposal deadline: September 26, 2018
- All proposals require 3 or more distinct disciplines typically supported by ENG, GEO, SBE or 2 or more directorates and USDA/NIFA
- Track 3: INFEWS Research coordination work (4 to 5 years; max \$750,000)

Track 1 Social-Physical Modeling of FEW systems (3 to 5 years; max \$2.5 million)

- Projects
 - Explore functional dynamics of FEW systems
 - Integrate models of multiple disciplines (e.g. ag, political, physical, social, etc)
 - Explore disparate data types to develop new understanding of FEW systems

Track 2: Research to enable innovative solutions (3 to 5 years; max \$2.5 million)

- Develop and examine innovative solutions to address FEW systems resilience and sustainability
- Must take systems (integrated) approach—demonstrate system wide improvements

Track 3: INFIEWS Research coordination work (4 to 5 years; max \$750,000)

- Novel participant networking strategies
- Nurture and grow INFIEWS research and education system by a large and diverse network

