



DISCIPLINA: Tópicos Especiais II “Special Topics on Agricultural Engineering”

CARGA HORÁRIA: 32

CRÉDITOS: 2

NATUREZA: Optativa

Horário: Quarta-feira 14-16h

Docentes: Christine Farias/Viviane Barros

VAGAS: 12

Idioma Inglês

Nível: Mestrado e Doutorado- Acadêmico

Content: Lectures, reading and interpretation of articles, presentations, and conversation dynamics

Topics for reading and discussion

Seminars on Hydrology, Watershed Management, Remote Sensing, Reservoir Water Quality, Sustainability in the Agricultural Sector, Life Cycle Assessment, Carbon Footprint, Challenges and opportunities in agriculture low carbon, Energy in agriculture, Irrigation management and other topics related to Agricultural Engineering

Activity

Seminar on the topics covered (see above), *Ex-ante versus ex-post* evaluation, including resourcefulness in the self presentation and a short description of experiences and interests related to research.

Learning Outcomes:

Familiarity with the various topics to be investigated in Agricultural Engineering and understanding of their implications for agricultural sustainability.

Understanding and train skills for discussions on topics covered, in an appropriate academic context, key concepts on Agricultural Engineering and Sustainability

Bibliography and useful links:

To be presented during the classes.