

CHEM 483 – GREEN CHEMISTRY
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- Alternative reaction media
 - Supercritical fluids
 - Water
 - Ionic liquids
- Green solvents
- CO₂ capture (CCS)
- CO₂ utilization (CCU)
- Renewable energies
- LCA – complications
- Polymers from renewables
- CH₄ vs coal power plants
- Nuclear energy
- Renewable vs sustainable
- Paper vs plastic bags
- Recycling PET
- Potable water
- Reactor designs
- Separation design – Avoiding distillations
- Greener synthesis of Lexan
- Others