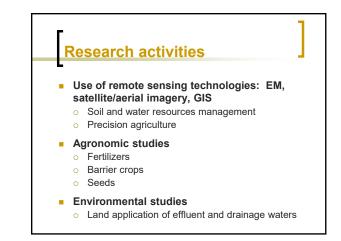


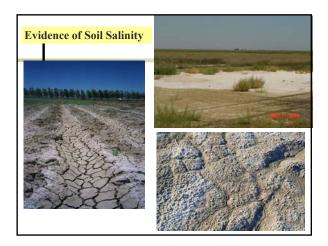
 OUTLINE

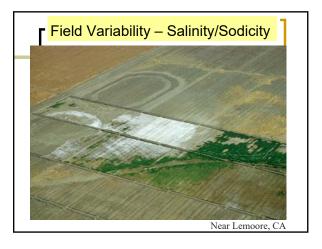
 Background/Research
Activities

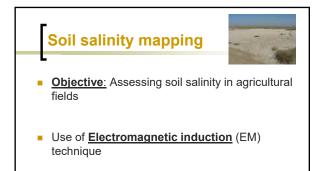
 EM Salinity Mapping

 Case Studies

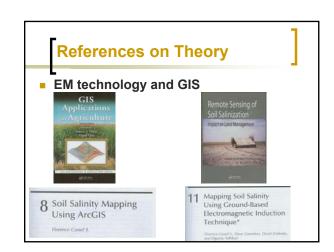


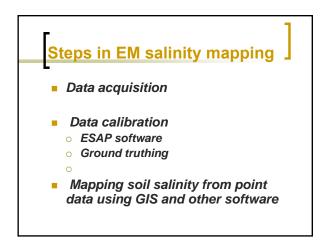


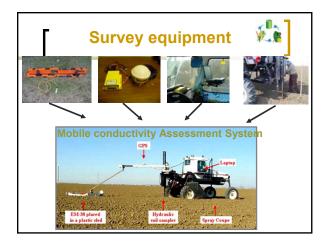


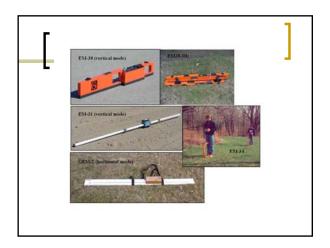


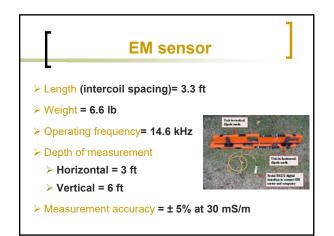
Develop salinity maps using GIS



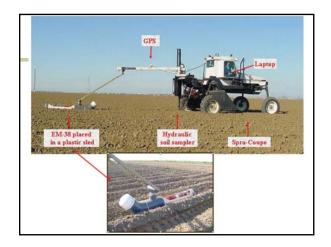




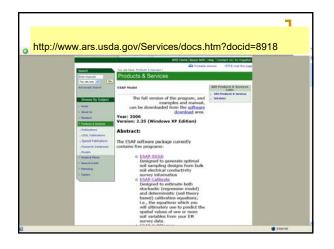


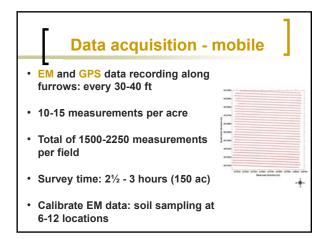


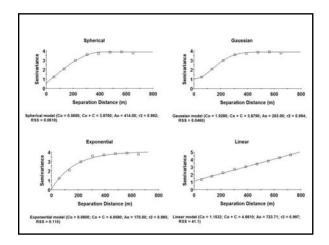


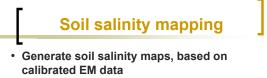




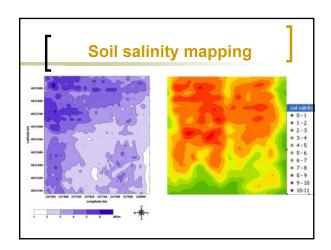


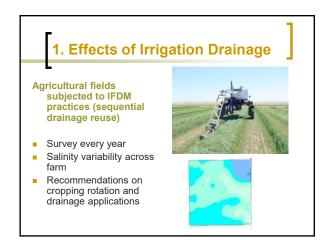


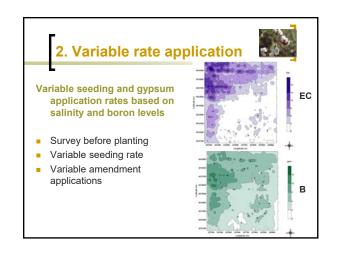


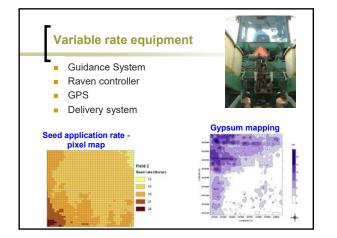


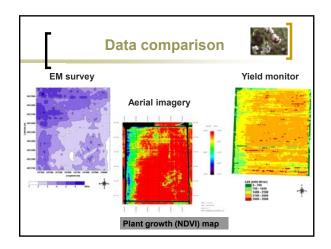
- GIS: Spatial analysis
- · Surface maps of soil salinity
- In addition, maps of boron, gypsum, and moisture distribution

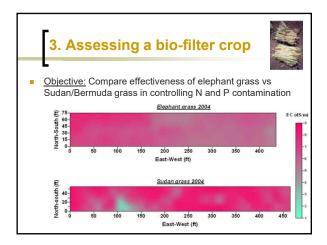


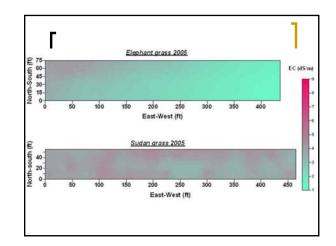


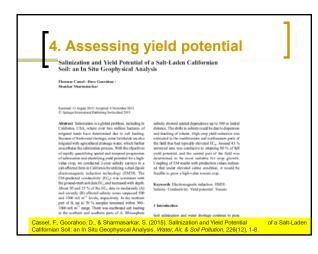


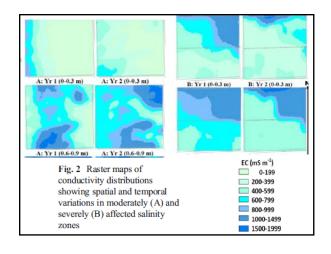












Concluding Remarks

Electromagnetic induction technique:

- Precisely assess levels of salinity and moisture across surveyed fields.
- Great potential for quick evaluation of soil properties for irrigation over large areas
- * Cost-effective alternative to extensive sampling
- Valuable tool to assess salt problems and effectiveness of irrigation and salt management strategies

