INFLUENCES OF CLIMATE ON PLANTATION LOBLOLLY PINE (PINUS TAEDA) GROWTH RESPONSES



Influences of Climate on Forests

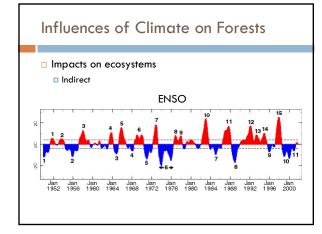
Climate

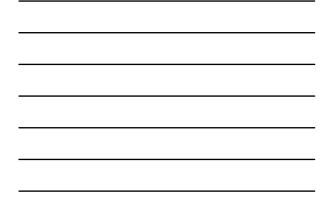
Average weather over long period of time

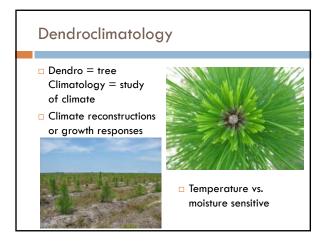
Impacts on ecosystems

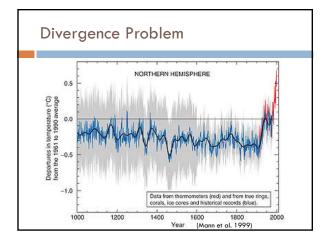




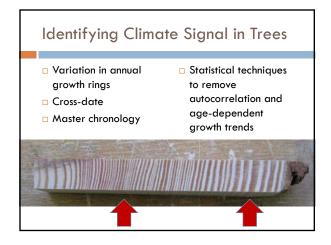


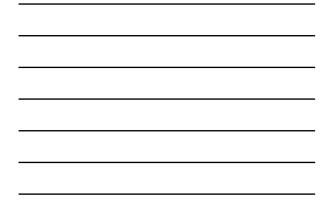


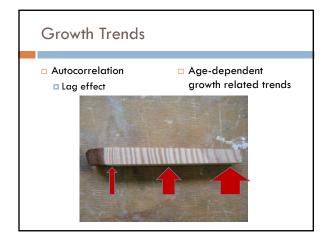














Research Objectives

□ Goal: Determine the influences of climate on plantation loblolly pine (*Pinus taeda*) growth responses

Objectives:

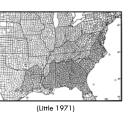
- 1) Cross-date plantation loblolly pine
- 2) Determine growth response(s) to climatic driver(s)

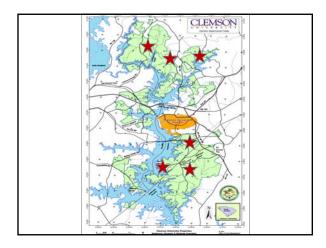
Loblolly Pine (Pinus Taeda)

 Most intensively managed in Southeast

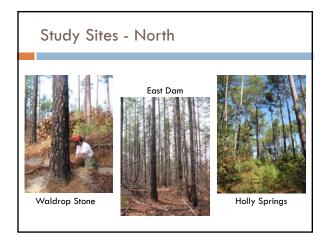
- Range of sites
- Aggressive pioneer

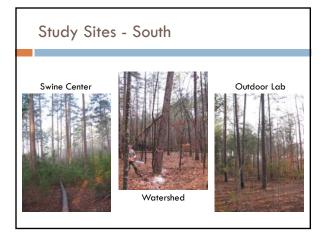
 Responds well to silvicultural treatments





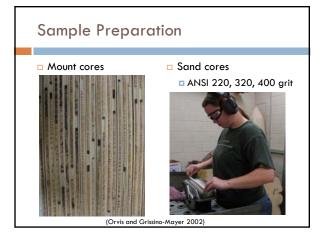




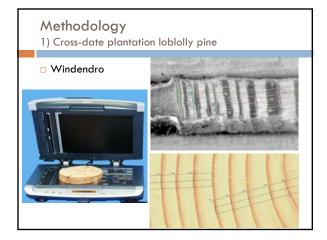


4

Sample Selection and Collection 10 cores per stand - 30 cm from RCD - 30 cm from RCD - 30 cm from CD - 30 cm from CD







5

