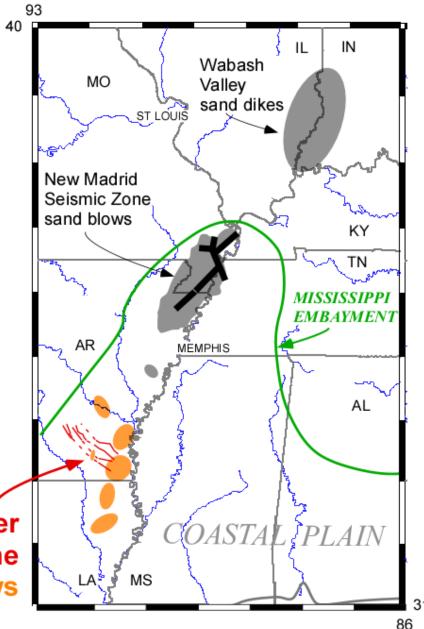
"SOUTHERN MISSISSIPPI EMBAYMENT"

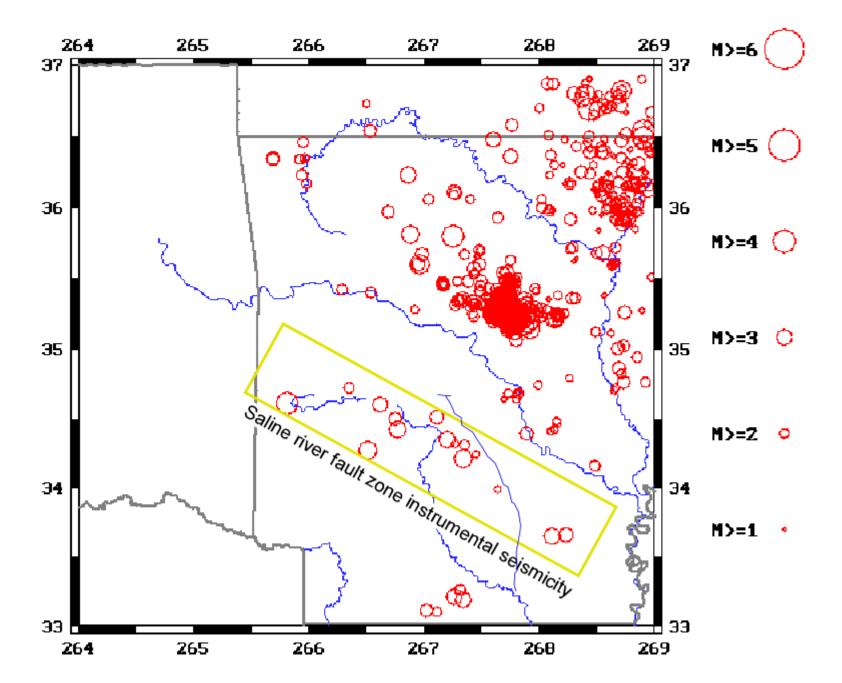
CEUS Earthquake Sources Workshop Memphis, TN, Feb 2012

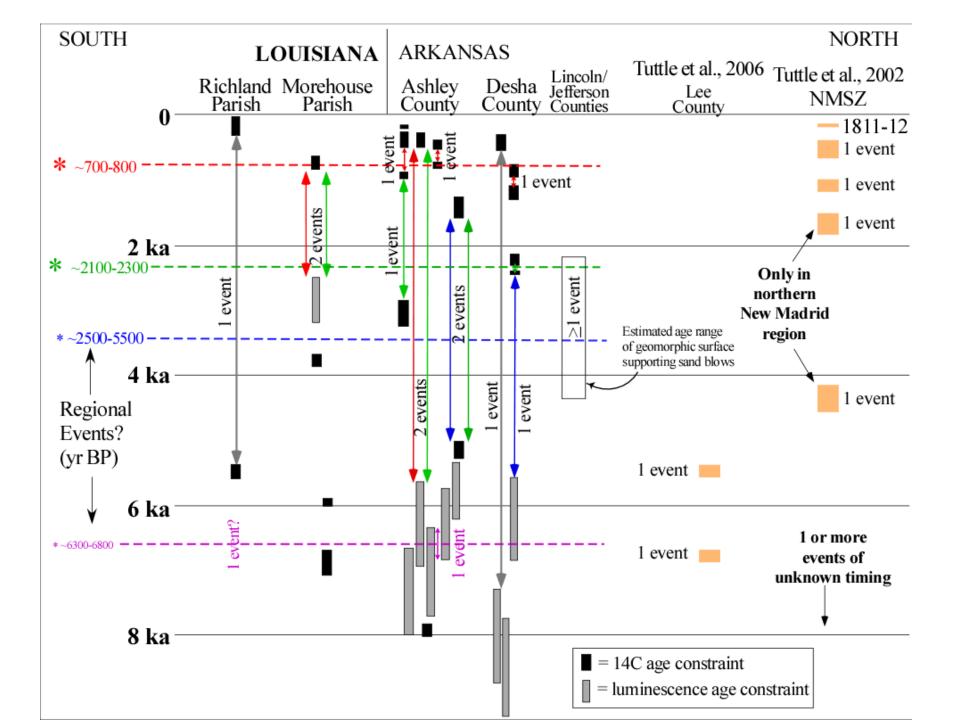
Randy Cox University of Memphis



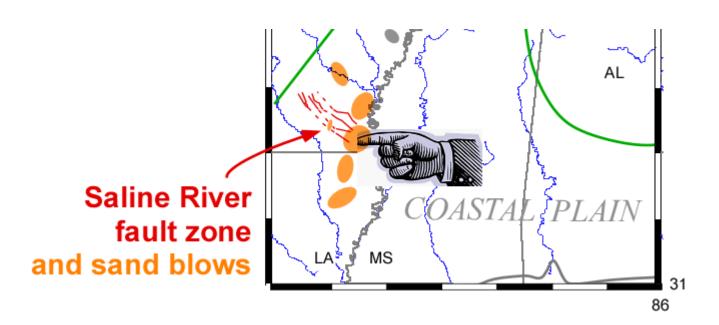
Saline River fault zone and sand blows



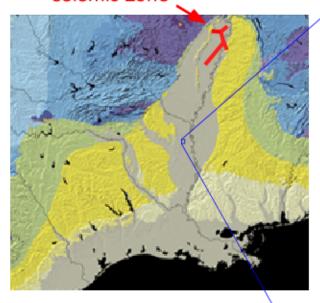




Sand Blow example

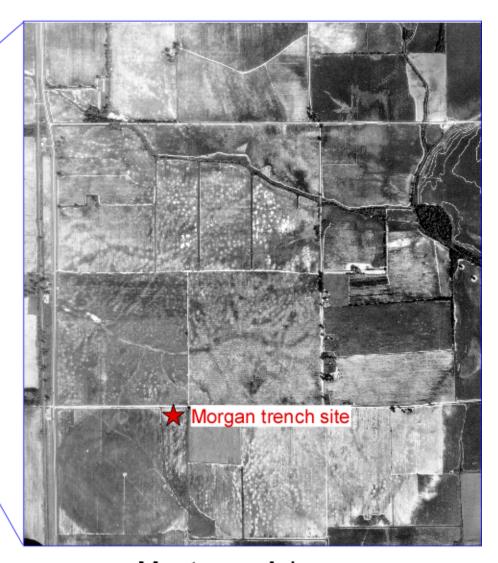


New Madrid seismic zone



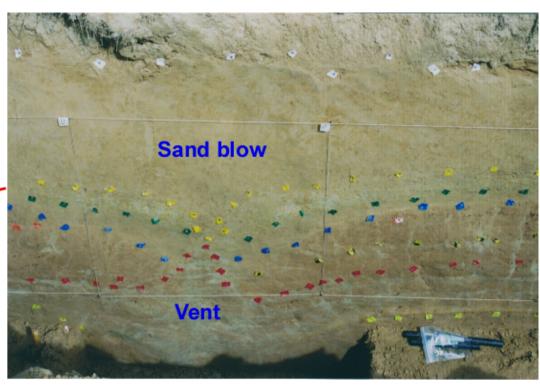
Morgan farm



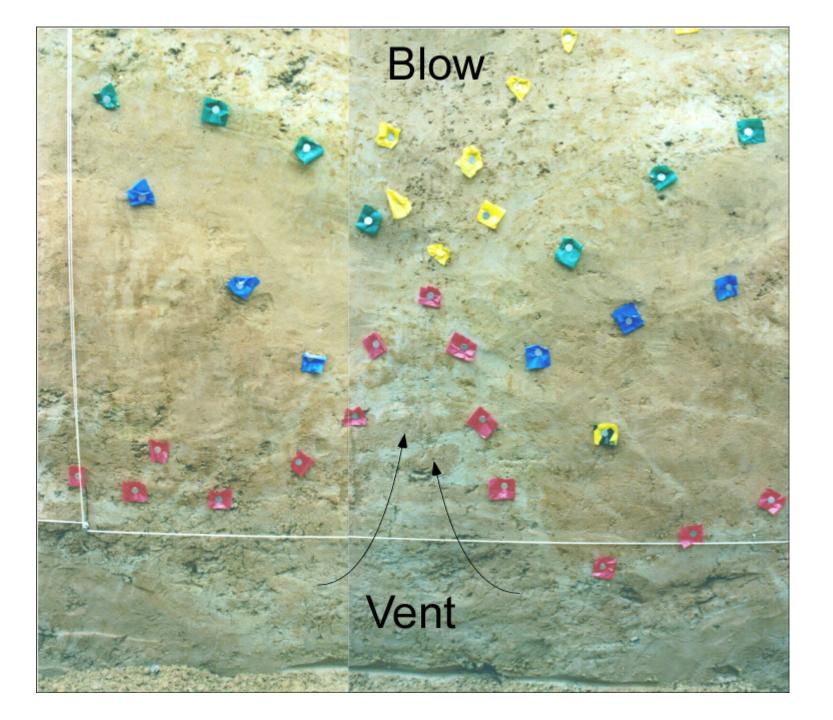


Montrose, Arkansas sand blows

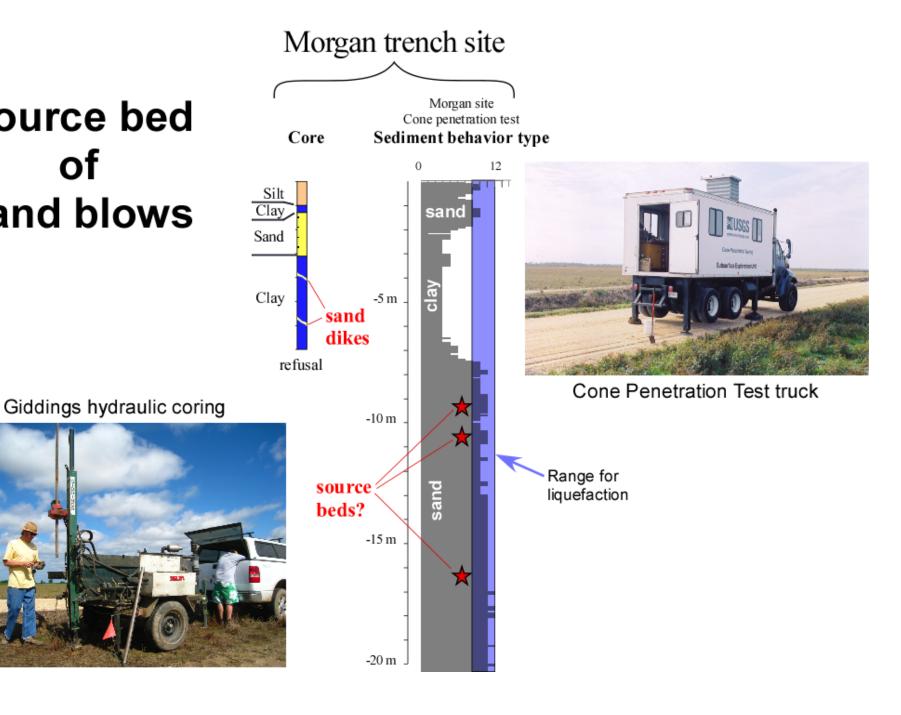




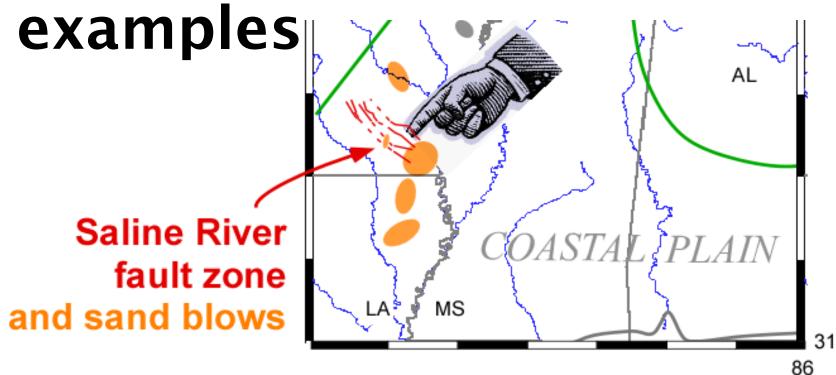
Morgan trench site



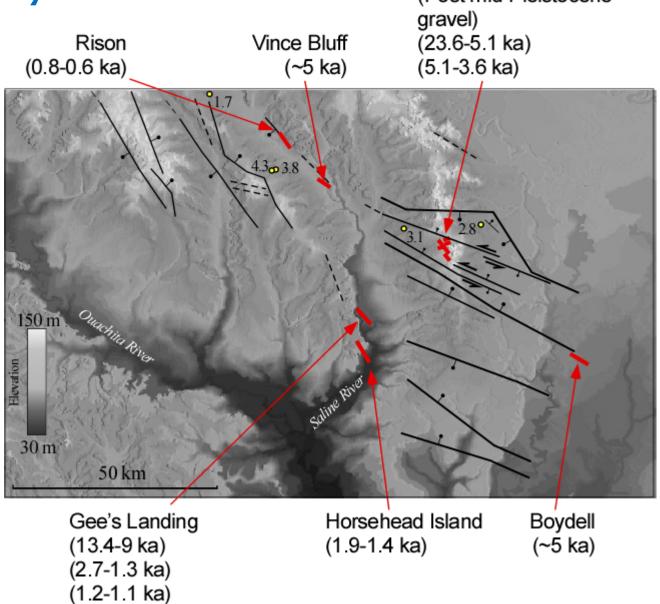
Source bed sand blows



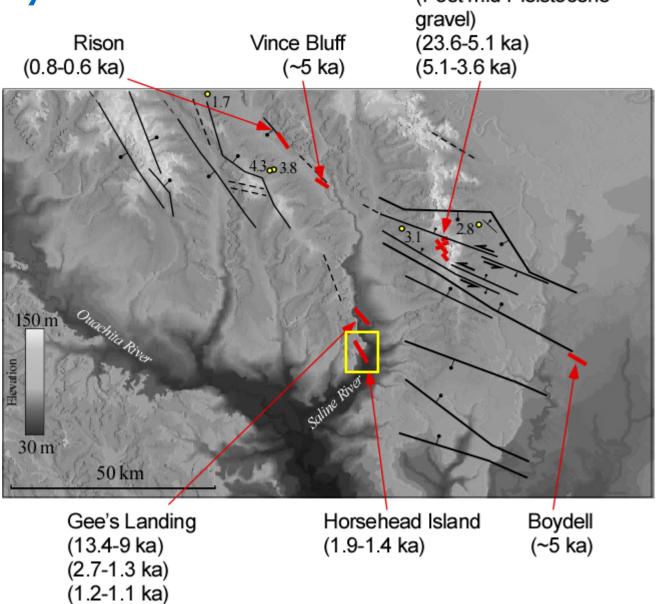
Surface faulting/folding examples



Summary of surface deformation (Cox et al., 2000) Summary of surface deformation (Cox et al., 2000) Pleistocene

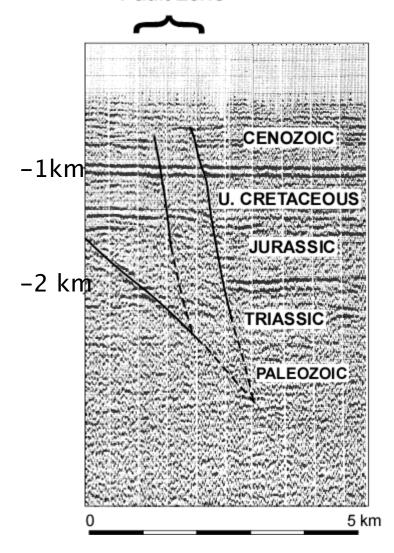


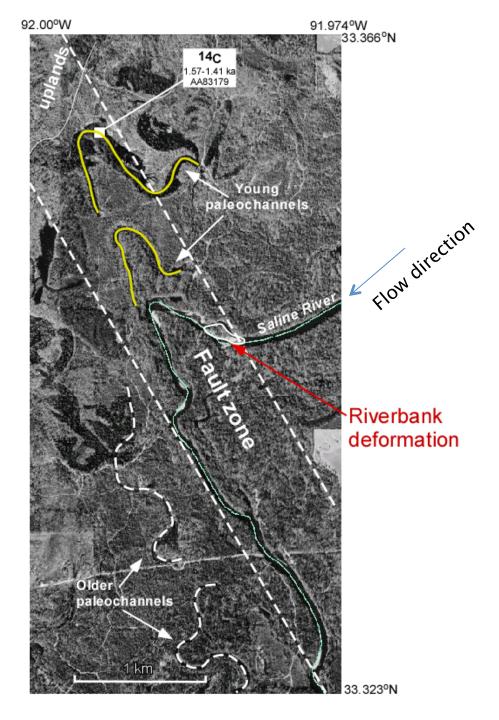
Summary of surface deformation (Cox et al., 2000) Summary of surface deformation (Cox et al., 2000) Pleistocene



River Diversion near Longview, Arkansas

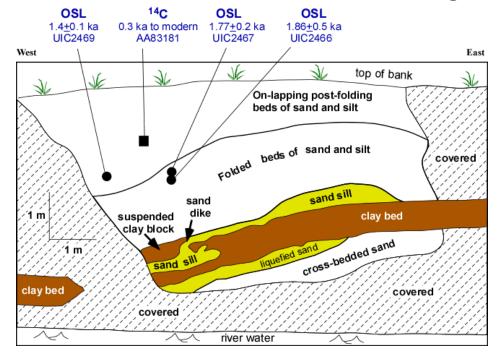
Fault zone

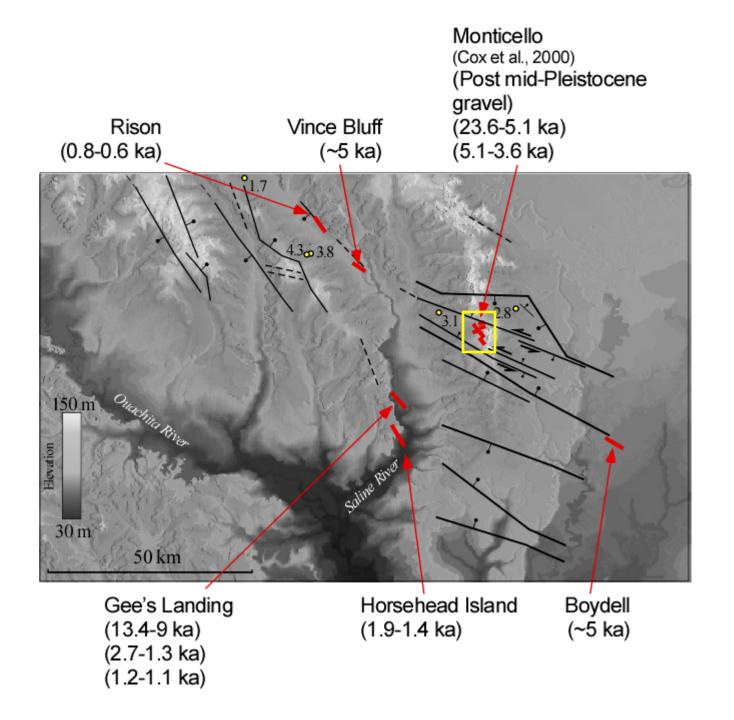


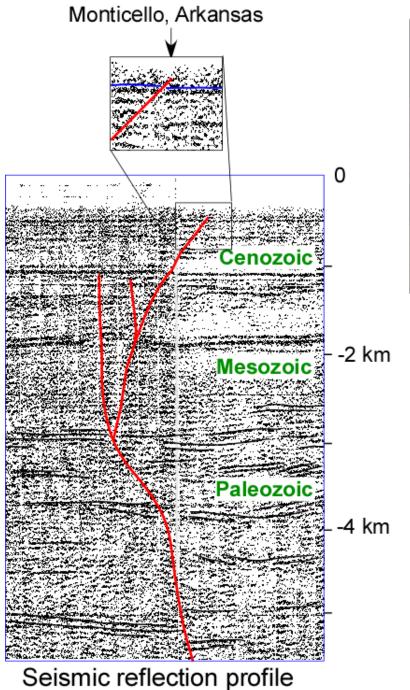


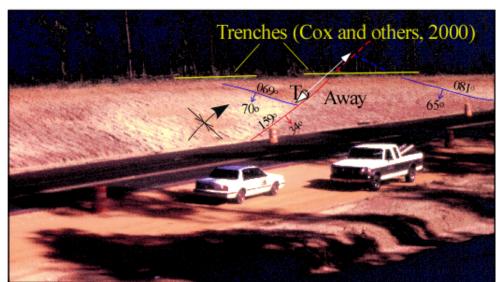


Deformation in late Holocene alluvium in bank of Saline River near Longview, Arkansas

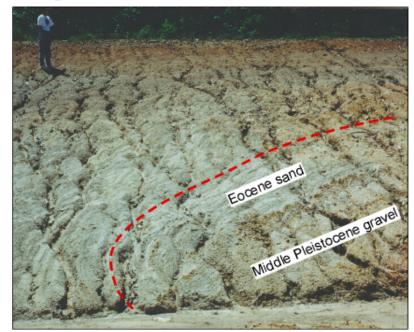








Fault exposed in a roadcut at Monticello, Arkansas



Syncline in roadcut above.

End