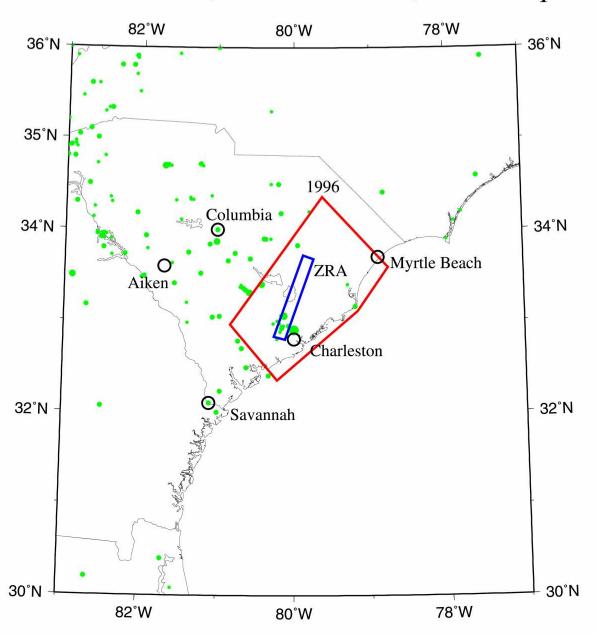
## **CEUS Charleston Logic Tree**

Recurrence | Characteristic Attenuation | 1886 Rupture Model Magnitude Relation Interval (Added post 2002) Toro et al. 1997 0.25 **Atkinson** N20E Oriented & Boore Faults in a Source Area 1995 M 7.5 0.25 0.15 Frankel M7.3et al., 1996 Frankel 0.45 0.50 et al. 485\*exp(+.50) yM 7.1 1996 Zone of 0.20 Continuous 0.25 River M 6.8 **Anomalies** 0.50 0.20 Campbell 2001 0.125 Somerville et al. 2001 0.125

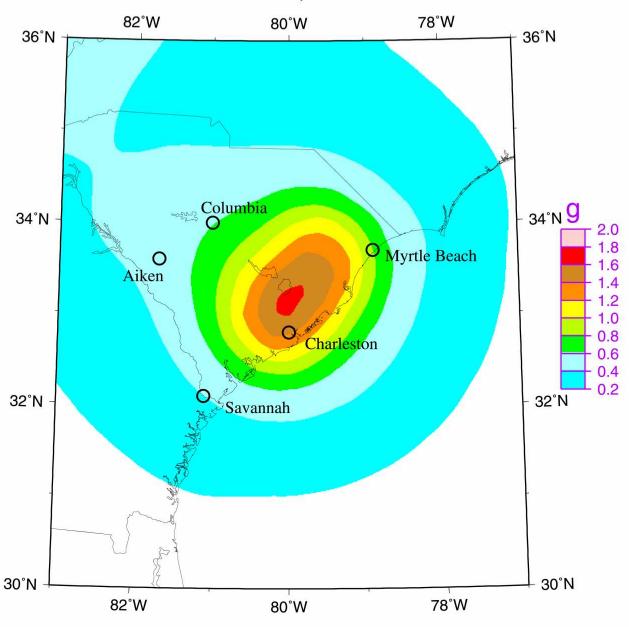
## **CSZ Alternative Sources**

Blue - ZRA Zone; Red - 1996 Zone; Green - Eqks



## 2% in 50y 0.2 s Sa Hazard Map

Frankel et al., 1996



## 2% in 50y 0.2 s Sa Hazard Map

Frankel et al., 2002

