Monitoring Old World Bluestem as part of the Global Invaders Impact Network (GIIN)

Charlotte Reemts
Schmidt et al. 2008. Plant Ecology

Eyre et al. 2009. Rangeland Journal
The Global Invader Impact Network (GIIN)
Basic Metrics

• Vegetation cover (by species)
• Ground cover
• Soil moisture
• Soil chemistry
• Light availability
• Litter depth and biomass
• Decomposition rate
Optional metrics

• Microbial biomass and activity
• Soil microbial C, N
• Earthworm richness and biomass
• N mineralization rate
• Litter nutrient content and chemistry
• Arthropod richness and abundance
• Soil compaction and infiltration rate
• Native species fitness
• Seed bank analysis
Invasion