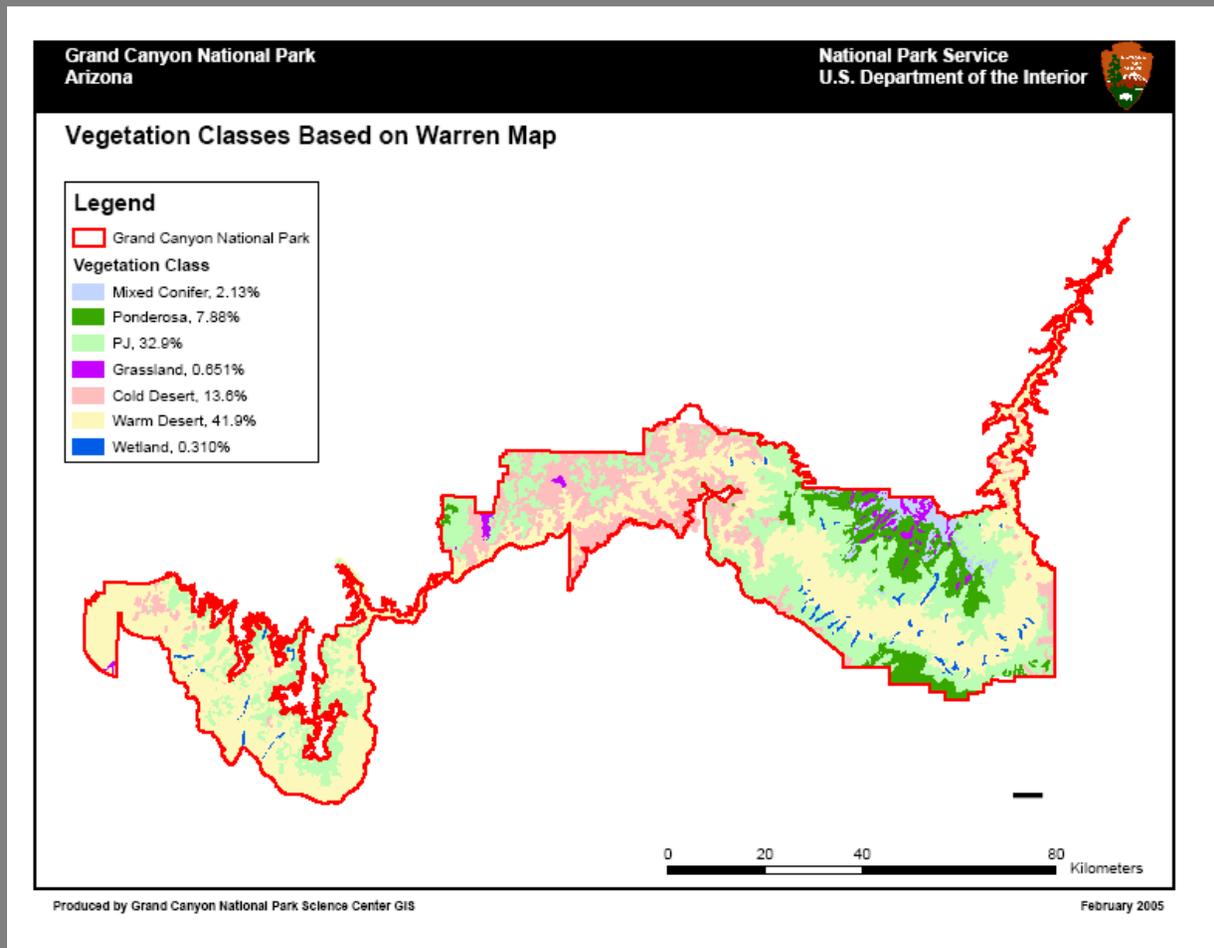


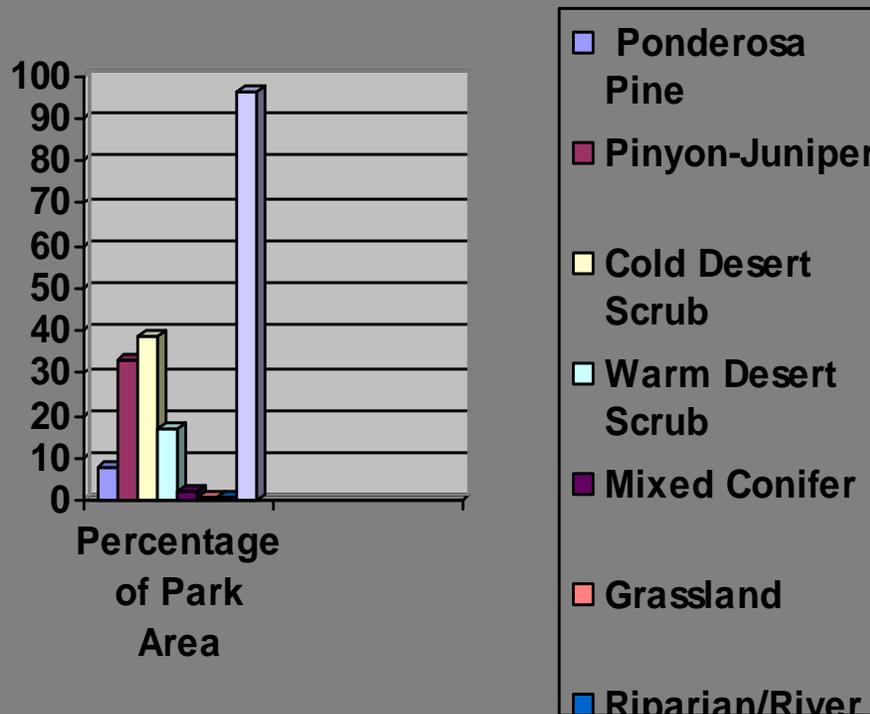
GCNP Program Objectives

1. Develop and Implement a Soundscape Management Program for GCNP;
2. Obtain ambient sound level data and source identification data for habitats and management zones in GCNP;
3. Obtain west-end sound level and source data.

Vegetation Types Sampled



Representative Vegetation Types for Natural Ambient Determination



Vegetation Class	Percentage of Park Area
Ponderosa Pine	7.88
Pinyon-Juniper	32.9
Cold Desert Scrub	38.6
Warm Desert Scrub	16.9
Mixed Conifer	2.13
Grassland	0.65
Riparian River Corridor	1.0
Total under study	96%

Field Collection Methodology for Natural Ambient Data



Field Data Collection

- Collection of natural ambient data for at least 25 days for each season (summer and winter);
- Experience shows that winter data needed because of 5 to 10 dB difference from summer season value;
- Efforts to date have focused on field data collection and operation of field equipment;
- No results from field data to date, analysis of information ongoing and on schedule.

Natural Ambient Collection Schedule

- April and May, 2005 – Began collection of natural ambient in four representative vegetation habitats;
- Collect **summer** natural ambient data through August and mid-September, 2005;
- Assessment of collected data September-October, 2005;
- Conduct model runs Oct. – Nov., 2005 to assess success at achieving substantial restoration, and determine level of impacts/success of same; Results by Nov. – Dec., 2005;
- Continue collection of **winter** natural ambient with model runs expected in Spring (April, 2006). Results by June, 2006.