Fuel Characteristic Class System

A National Systematic Classification and Inference System for Biomass Available for Combustion

A Fuel Characteristic Class is a quantitative description of a fueled or fueled stratum

Fuel Characteristic Class System Highlights

- A flexible, robust system to classify any and all wildland fuelbeds in U.S. and elsewhere according to a set of inherent properties necessary to predict fire behavior, fire effects, and smoke emissions
- Built to last years/provide default modules to models
- FCCs are identified by fuelbed strata (6), fuelbed categories (15+), physiognomic properties (32+), and gradient variables, they accounts for disturbance
- Associated and assigned characteristic values attached to each Fuel Characteristic Class
- Allows user to reach FCC with ecosystem or vegetation classification or with incomplete fueled descriptions
- System complicated but user interface simple
- Distribution scheduled for first quarter of 2003