Benefits of Indicator-based Monitoring for Rangeland Managers and Stakeholders:

- Clear depiction of rangeland management performance
- Facilitation of local, regional, and national comparisons using common assessments
- Enhancement of interagency cooperation and collaboration
- Identification of research methods to address indicator data gaps
- Enhancement of resources and funding allocations
- Provision of a basis for stakeholder dialogue
- Expansion of public awareness and understanding of rangeland sustainability issues

The Sustainable Rangelands Roundtable is:

- A collaborative partnership of over 50 organizations with more than 100 participants including rangeland scientists and managers, sociologists, economists, legal experts, environmental advocates and industry representatives

64 indicators have been identified by the Sustainable Rangelands Roundtable (SRR) to form a framework for standardized periodic monitoring and reporting on rangeland sustainability at local, regional, and national scales, as well as to provide a common language for stakeholder dialogue and to consistently communicate rangeland issues to the general public.

Human activities have shifted the season, intensity and frequency of fire.

Fire monitoring is critical for understanding interactions of fire, grazing, invasive plants, soils and impacts on ecosystems. SRR indicators useful in assessing fire on rangelands include:

- Annual productivity
- Area and level of infestations by invasive plants
- Distribution of species & communities of concern
- Status of rangeland-dependent species
- Areas of rangeland with accelerated erosion
- Change in extent of bare ground

The Sustainable Rangelands Roundtable Future Efforts:

- Indicator revision and refinement
- Data set identification and analysis
- Continued stakeholder review and comment
- Outreach and education
- Inter agency and organizational coordination
- Development of research protocols

http://SustainableRangelands.cnr.colostate.edu