

Managing for Resiliency in the San Juan Mountains

Topics Include

- Regional climate models
- Tools & strategies for forest resiliency
- Climate vulnerability assessments
- Precipitation and Snowpack
- Adaptation planning

Registration

The conference is free!

Donations and sponsorships to help with the costs of the conference are greatly appreciated. To register your participation, please contact:

Anne Izard

Mountain Studies Institute

P.O. Box 426

Silverton, Co 81433

Tel: 970.387.5161

Email: anneizard@gmail.com



CENTER FOR
COLLABORATIVE
conservation



Managing for Resiliency in the San Juan Mountains

Adaptation and Planning for Climate Change

October 7-9, 2010 Silverton, Colorado

Presented by

Mountain Studies Institute

San Juans Public Lands Center

(USFS/BLM)

Aims & Objectives

The conference is the next phase of a grass-roots stakeholder and scientist-driven effort to: (1) assess existing and potential threats caused by climate change, and (2) develop strategies to plan for, adapt to, and reduce the effects of climate change on ecosystems and society.

The Specific objectives of this Conference are:

- Bring scientists, land managers, stakeholders and practitioners together to share research, strategies, and tools for community-based adaptation planning and practices from different parts of the Southwest region
- Develop strategies to plan for, adapt to, and reduce the effects of climate change on the San Juan Mountain regions communities and ecosystems

What is Climate Adaptation?

The Intergovernmental Panel on Climate Change (IPCC) defines adaptation as the "adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities" ([IPCC, 2007](#)).

Examples of adaptation strategies to prevent damage from climate change include:

1. Design infrastructure systems to prepare for potential changes in snow melt amount and timing.
2. Manage fuels and biomass to help prepare for changes in forest structure and fire regimes.
3. Increase green space and vegetation in communities to manage rising temperatures

Participants & Conference

The conference is open to anyone interested in community-based adaptation planning. Thursday will consist of sessions focusing on research, models, and frameworks on climate change. Friday will provide participants with tools, strategies and practices form a toolbox for adaptation planning.

How do we adapt?

Strategies and plans for climate change impacts and their extent will vary depending on the sensitivity of the ecosystem, region, or economy and its ability to adapt. Adapting to environmental changes is not a new concept for humans, however planning for climate change is a different challenge and a new way of thinking. Strategy approaches may need to be larger, faster, and broader in scope. The conference will explore these questions, present case studies, and develop a toolbox of strategies.