



Report of Center Activities within the Crown of the Content Ecosystem *Spring 2010*

Climate Change in Mountain Ecosystems Program (Dan Fagre, 406-888-7922 or dan_fagre@usgs.gov)

- Repeat Photography Project website updates: The USGS Repeat Photography project has recently updated their website with six new or updated glacier images. Visit the site at: <http://nrmsc.usgs.gov/repeatphoto/overview.htm>
- Repeat Photography Exhibit: The USGS Repeat Photography project has three museum exhibits scheduled for 2010, including the Holter Museum, Many Glacier Lodge, and Carroll Art Gallery. For more information on the exhibit and exhibit dates, visit: <http://nrmsc.usgs.gov/science/feature/RepeatPhotoExhibit>
- Going-to-the-Sun Road Avalanche Forecasting Program: The GTTSR Avalanche Forecasting Program has released the first ever Avalanche Atlas of the Going-to-the-Sun Road. To view an information video and access the atlas, visit: http://nrmsc.usgs.gov/research/gtsr_aval/video_FULL

Northern Continental Divide Grizzly Bear Program (Kate Kendall, 406-888-7994 or kkendall@usgs.gov)

- NDGBP Remote Camera project: Along with using remote cameras to investigate the efficiency of DNA-based sampling methods, the research team has built a video and photography library that captures a dynamic array of wildlife throughout the Crown of the Continent. Visit: <http://nrmsc.usgs.gov/research/KendallRemoteCamera.htm>

Fire Ecology (Carl Key, 406-888-7991 or ckey@usgs.gov)

- The Composite Burn Index (CBI) Photo Series uses plot data and photos to illustrate the range of burn severity encountered in different ecosystems of the U.S. A website has been developed to serve these data and images. Sites within the Crown of the Continent region can be viewed at: <http://nrmsc.usgs.gov/science/fire/CBI/r-gnp>

Aquatic Ecosystems (Clint Muhlfeld, 406-888-7926 or cmuhlfeld@usgs.gov)

- USGS Aquatic ecosystems research throughout the Crown of the Continent is featured at: <http://nrmsc.usgs.gov/staff/muhlfeld/research> & <http://nrmsc.usgs.gov/students/tennant>
- USGS aquatic ecosystems research group contributed content to the upcoming *Flathead Watershed Sourcebook*, which is currently in the draft stages.

Wildlife Landscape Modeling (Kim Keating, 406-994-7333 or kkeating@usgs.gov)

- Research at USGS is providing tools for wildlife conservation in and around Glacier National Park. A new landscape-level modeling tool developed by USGS and partners provides a tool for visualizing the inherently dynamic nature of bighorn sheep distributions in two social groups in Glacier National Park: <http://nrmsc.usgs.gov/staff/kkeating/research>

(For more information contact: Suzanna Carrithers, 406-994-7257 or scarrithers@usgs.gov)