

CUMULATIVE EFFECTS

Chapter 1: Cumulative Threats and Amelioration by Management Zone PLACEHOLDER (Steve Abele, with assistance from MZ Leads)

This chapter is the discussion of cumulative threats and plans/action to ameliorate **by MZ**, as well as the status of sage-grouse in the MZ.

This chapter will identify all threats by MZ, relying on threat interactions described in previous chapter and spatial threat concentration information of primary threats. This allows an examination of primary threats that we have quantitative/spatial information for, and a concomitant examination of other threats tied to the primary threat by MZ.

Additionally, this chapter will describe the efforts implemented and planned to reduce or remove threats and risks on the landscape. Summaries of conservation actions would be summarized from CED, as well as evaluation of plans, policies, and regulatory mechanisms, broken down by MZ.

Lastly, this chapter will describe overall status of sage-grouse in each management zone, based on the cumulative threats and the plans/action aimed at ameliorating them

Comment [LW 1]:
Relative to the evaluation of conservation plans, each MZ subsection would include information from the following list (as appropriate):

- Laws, regulations, Polices and Management Plans
 - Federal Plans
 - BLM/FS LUP Amendments / Planning efforts
 - Disturbance Monitoring
 - Adaptive Management
 - Mitigation
 - FIAT
 - FWS (Refuges)
 - NPS
 - DOD/DOE
 - State Planning Effort
 - Private Lands
 - FWS CCAA
 - NRCS SGI
 - Tribal Lands
 - Canadian Federal and Provincial Laws and Regulations

Comment [LW 2]:
--- MZ 1 (Montana – Jeff Berglund / North Dakota Kevin Shelley [support from Wyoming and South Dakota])
--- MZ 2 (Wyoming – Lisa Salberg Schwab [Support from Montana, Colorado, Utah])
--- MZ 3 (Nevada – TBD / Utah – TBD) (potentially Jay Martini, Ron Baxter)
--- MZ 4 (Idaho – TBD [Support from Oregon, Nevada, Utah, Montana])
--- MZ 5 (Oregon – TBD [Support from Nevada, California])
--- MZ 6 (Washington – TBD) (potentially Jessi Gonzales, Heather)
--- MZ 7 (Colorado – TBD)

