From: Maestas, Jeremy - NRCS, Redmond, OR
To: kevin_doherty@fws.gov
Subject: soils data soon
Date: Tuesday, March 31, 2015 3:58:31 PM
Attachments: RR_classes_western_SGMZ_map_v1.pdf

Kevin,

Steve Campbell and I are just putting finishing touches on the categorized soils data and should have it to you tomorrow morning. Wanted to make sure you were aware that we are only applying the 3 R&R classes to the western portion of the range (MZs III, IV, V, VI) – see attached. We attempted to do it rangewide, but on second glance, Jeanne and I are just not comfortable with saying much about the eastern range yet. We know R&R is generally higher, but we're stepping out on a limb a bit applying the 3 classes. I assume this won't be problematic since you are likely focusing fire/invasive risk assessments in western range, correct?

J

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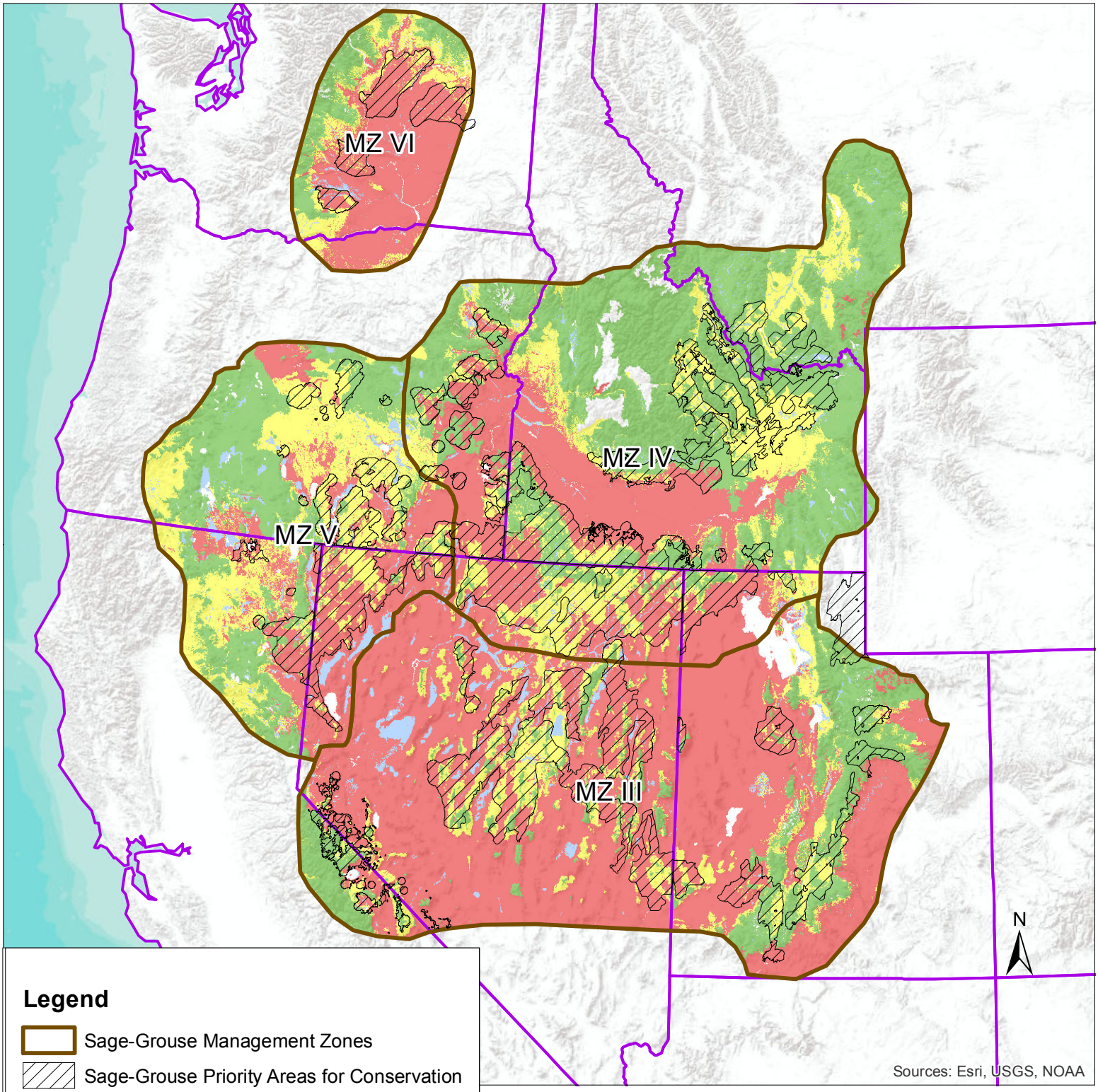
Resilience to Disturbance and Resistance to Invasive Species in Sagebrush Ecosystems based on Taxonomic Soil Temperature Regime, Moisture Regime, and Moisture Subclass



Legend

- Sage-Grouse Management Zones
- Sage-Grouse Priority Areas for Conservation

Resilience / Resistance Class

- N/A
- 0 - Wetland/Riparian
- 1 - High
- 2 - Moderate
- 3 - Low

Data sources: SSURGO and STATSGO2 soil survey databases, 2014

Citation: Chambers, Jeanne C.; Pyke, David A.; Maestas, Jeremy D.; Pellant, Mike; Boyd, Chad S.; Campbell, Steven B.; Espinosa, Shawn; Havlina, Douglas W.; Mayer, Kenneth E.; Wuenschel, Amarina. 2014. Using resistance and resilience concepts to reduce impacts of invasive annual grasses and altered fire regimes on the sagebrush ecosystem and greater sage-grouse: A strategic multi-scale approach. Gen. Tech. Rep. RMRS-GTR-326. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 73 p.