Rx510 – Advanced Fire Effects

Pre-Course Required Readings and Reference Materials

REQUIRED READING

1. NWCG Fire Effects Guide, Chapter 1, Development of Objectives (pages 1-6). Download at http://www.nwcg.gov/pms/RxFire/FEG.pdf

2. Abstract, Introduction, Fire Characteristics and Temporal scale, (pages 373-376) Modeling fire effects, Reinhardt, Keane, & Brown (2001). Download at http://www.publish.csiro.au/?act=view_file&file_id=WF01035.pdf

3. "Chapter 6: Fire Effects on Fauna at Landscape Scales" (pages 43 -49), Wildland Fire in Ecosystems: Effects of Fire on Fauna. RMRS-GTR-42-Vol. 1, 2000. Download at http://www.fs.fed.us/rm/pubs/rmrs_gtr042_1.html

4. "Chapter 7: Aquatic Biota" (pages 135 – 143), Wildland Fire in Ecosystems: Effects of Fire on Soil and Water, RMRS-GTR-42-Vol. 4, 2005. Download at http://www.fs.fed.us/rm/pubs/rmrs_gtr042_4.html

5. Pages 7-10 and 33-38 in "Wildland Fire in Ecosystems: Fire and Nonnative Invasive Plants", RMRS-GTR-42-Vol. 6, 2008. Download at http://www.fs.fed.us/rm/pubs/rmrs_gtr042_6.html

6. What are the "top 2" invasive species in your area that are most worrisome in regard to fire? List them along with the kind of plant community where they are most likely to occur, and read about their relationship to fire in the Fire Effects Information System. (http://www.fs.fed.us/database/feis/)

7. Access *Science Findings* on the Pacific Northwest Research Station (PNW) website and read Issue 116, September 2009, on climate change adaptation.

8. Introduction to Aboriginal Fire Use in North America, G. Williams, in the Fire Management Today Volume 60, No. 3 Summer 2000, pages 8-12. Available at http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmn60-3.pdf

9. "Chapter 2: Fire Autecology" (pages 31 - 34), Wildland Fire in Ecosystems: Effects of Fire on Flora, RMRS-GTR-42-Vol. 2, 2000. Download at http://www.fs.fed.us/rm/pubs/rmrs_gtr042_2.html

10. Sick, T.D., M. Savage, D. A. Falk, C. D. Allen, E. Muldavin, and P. McCarthy. September, 2005. A Landscape Perspective in Forest Restoration. Journal of Forestry, 103(6): pages 319-320. Download at Landscape_Perspective_Forest_Restoration.pdf

11. Guidance for Implementation of Federal Wildland Fire Management Policy. 2009. Wildland Fire Leadership Council. Download at http://www.nifc.gov/policies/policies_documents/GIFWFMP.pdf

Adobe Acrobat Reader is required to view the .pdf files. If needed, you can obtain it at http://get.adobe.com/reader/,