

# ARKANSAS REGISTERED FORESTERS EXAM

## SUGGESTED READING LIST

The following is a suggested reading list for the Arkansas Registered Foresters Examination. Each topic area title is followed by the approximate percentage of questions on the exam from this topic area.

### **ETHICS (2.5%)**

1. Arkansas Registered Foresters Code of Ethics
2. Society of American Foresters Code of Ethics
3. ACF Code of Ethics

### **FOREST PROTECTION (12.5%)**

4. *Forest Entomology -- Biology and Management*, Coulson and Witter, 1984, Wiley
5. *Insects and Diseases of Trees in the South*, USFS Protection Report R8-PR 16, 1999.
6. *Forest Health and Protection*, R.L. Edmonds etc, 2000, McGraw-Hill
7. *A Guide for Prescribed Fire in Southern Forests*, USFS Tech Pub R8-TP 11, 1989.
8. *Pesticide Applicator Study Guide*, Univ of Arkansas CES
9. *Pest and Pesticide Management on Southern Forests*, USFS Mgmt Bull R8-MB 60, 1994.

### **DENDROLOGY/SILVICS (9.2%)**

10. *Textbook of Dendrology* Harlow and Harrar
11. *Forestry Handbook*, Wenger

### **WOOD PRODUCTS (4.2%)**

12. *Forestry Handbook*, Wenger
13. *Forest Products and Wood Science: An Introduction*. 3<sup>rd</sup> edition. 1996. Bowyer, Shmulsky, and Haygreen. Iowa State University Press.

### **HUMAN DIMENSIONS/POLICY (6.7%)**

14. *Forest Resource Policy*. Cabbage, O'Laughlin, and Bullock. 1993. John Wiley & Sons.

### **FOREST ECOLOGY, SOIL, AND WATER (17.5%)**

15. *Elements of the Nature and Properties of Soils*. 2<sup>nd</sup> edition. Brady and Weil. 2004. Prentice Hall.
16. *Ecology and Management of Forest Soils*. Fisher and Binkely. 2000. John Wiley & Sons.
17. *Hydrology and the Management of Watersheds*. 3<sup>rd</sup> edition. 2003. Brooks, Ffolliott, Gregersen, and DeBano. Iowa State University Press.
18. *Best Management Practices for Water Quality Protection*. 2002. Arkansas Forestry Commission.
19. *Forest Ecology: A Foundation for Sustainable Forest Management and Environmental Ethics in Forestry*. 3<sup>rd</sup> edition. 2004. Kimmins. Prentice Hall.

### **WILDLAND-URBAN INTERFACE (7.5%)**

20. *Arborists' Certification Study Guide*. International Society of Arboriculture
21. *Tree Maintenance*, Hartman, Sall, and Pirone
22. *Forests at the Wildland-Urban Interface, Conservation and Management*, Vince, Duryea, Macie, and Hermansen
23. *How to Recognize Hazardous Defects in Trees* USDA Forest Service, NA-FR-01-96
24. *Forestry Handbook* 2<sup>nd</sup> edition. Wenger. John Wiley & Sons.

### **SILVICULTURE (7.5%)**

25. *The Practice of Silviculture: Applied Forest Ecology*. 9<sup>th</sup> edition. 1997. Smith, Larson, Kelty, and Ashton. John Wiley & Sons.

### **FOREST MANAGEMENT AND ECONOMICS (10.8%)**

26. *Forest Management*, 4<sup>th</sup> edition, by Lawrence S. Davis, K. Norman Johnson, Peter S. Bettinger, and Theodore E. Howard, McGraw-Hill or Waveland Press, New York. 804 p.
27. *Forest Resource Economics and Finance*, W. David Klemperer, McGraw-Hill, 1996.
28. *Forest Valuation and Investment Analysis*. 2<sup>nd</sup> Edition. 1998. Bullard and Straka. Preceda.

### **MAPPING, GIS, REMOTE SENSING (9.2%)**

29. *Introduction to Geographic Information Systems*, 3<sup>rd</sup> edition. Kang-tsung Chang. McGraw Hill.
30. *Remote Sensing and Image Interpretation*. Lillesand, Kiefer, and Chipman, John Wiley & Sons.

### **MEASUREMENTS (12.5)**

31. *Forest Measurements*, Avery and Burkhart, 5<sup>th</sup> edition.