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| Sample Field Day Curriculum and Material SuggestionsGeneral Longleaf Pine Course 101This curriculum is meant to be a resource for extension agents by providing online materials and suggested topics for a general longleaf pine introductory course that is one day in duration. These education topics will ideally be taught in conjunction with field visits to maximize learning potential. Extension agents may select from the online materials list below to suit their individual needs. |
|  | Recommended Presenters: * Members of Local Implementation Teams for America’s Longleaf Restoration Initiative (ALRI) (<http://www.americaslongleaf.org/implementation/implementation-teams/>)
* Longleaf Extension Specialist from Local State Land Grant University (e.g. Texas Agrilife, Louisiana Cooperative Extension, Mississippi Extension Service)
* Longleaf Alliance (<http://www.longleafalliance.org/>)
* National Wild Turkey Federation (<http://www.nwtf.org/in_your_state/regional_directors.php>)
* Federal and State Forestry Service Representative on Local Implementation Team
* State Wildlife Agency Representative on Local Implementation Team
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|  | Desired Learning Objectives:* Brief History of Longleaf Pine and Reasons for Decline
* Overview of ALRI
* Site Preparation Considerations and Techniques
* Longleaf Pine Management Considerations
* Seedling and Planting
* NRCS Program Overview and Landowner Incentives
* General Economic Benefits of Longleaf Pine
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| Topic | Time | Presentation and Presenter | Online Materials |
| 1 | 30 min | History of Longleaf and Overview of Initiative - Local Implementation Member | * <http://youtu.be/Z6-1WWvMBSw>
* [Longleaf Brochure](http://www.americaslongleaf.org/media/2435/llp_conservation_brochure_070511.pdf)
* [Longleaf History and Partnering Powerpoint](http://www.americaslongleaf.org/media/8516/Longleaf%20History%20and%20Partnering.pptx)
* [Longleaf Pine Establishment Powerpoint](http://www.americaslongleaf.org/media/8521/LongleafPineEstablishment_Bost.pptx)
* [Brief History of Longleaf Pine in the Florida Parishes of Louisiana (LA specific)](http://www.americaslongleaf.org/media/8624/LL%20History%20Talk%20LLP%20Field%20Day%20May12.pptx)
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| 2 | 30 min | Site Prep Considerations and Techniques - State/Federal Forester or Extension Specialist | * [Longleaf Pine Decision Matrix](http://www.americaslongleaf.org/media/8531/Longleaf%20Pine%20Decision%20Matrix%20%28Clayson%29.pdf)
* [Keys to Successfully Planting Longleaf Pine Powerpoint](http://www.americaslongleaf.org/media/8528/Keys%20to%20successfully%20planting%20longleaf%20pine.ppt)
* [Site Preparation and Planting Longleaf Pine Powerpoint](http://www.americaslongleaf.org/media/8513/minogue_030311.ppt)
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|  | 15 min | Break |  |
| 3 | 30 min | Management of Longleaf Pine - Extension Specialist or State/Federal Forester | * <http://youtu.be/COmJ-313v9A>
* [Guide for Planting and Establishing Longleaf Pine](http://www.americaslongleaf.org/media/8540/Guide%20for%20Planting%20and%20Establishing%20LLP%20%28Longleaf%20Alliance%29.pdf)
* [Longleaf Note #4: Before Planting Dichotomous Key for Site Preparation on Agricultural Lands](http://www.americaslongleaf.org/media/8543/Longleaf%20Note%204%20_%20Before%20Planting%20Dichotomous%20Key%20Site%20Prep%20on%20Ag%20Lands.pdf)
* [Longleaf Note #5: After Planting Dichotomous Key for Herbaceous Release](http://www.americaslongleaf.org/media/8546/Longleaf%20Note%205%20_%20Aftering%20Planting%20Dichotomous%20Key%20Herbaceous%20Release.pdf)
* [Regenerating Longleaf Pine Forests Naturally Powerpoint](http://www.americaslongleaf.org/media/8534/5%20FL%20Natural%20Regeneration.ppt)
* [Establishing Longleaf Pine Powerpoint](http://www.americaslongleaf.org/media/8537/Establishing%20longleaf%20pine.ppt)
* [Maintenance and Follow-up after Planting Longleaf Pine Powerpoint](http://www.americaslongleaf.org/media/8549/Maintenance%20of%20longleaf%20plantations%20after%20planting.ppt)
* [Preparing Cutover Woodland for Longleaf Establishment Powerpoint](http://www.americaslongleaf.org/media/8552/Preparing%20Cutover%20woodland%20for%20lonlgeaf%20establishment.ppt)
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| 4 | 30 min | Management of Longleaf Pine For Game and Non-Game Species - NWTF Representative or State Wildlife Agency Member | * [Prescribed Burning in Southern Pine Forests](http://www.americaslongleaf.org/media/8559/Prescribed%20Burning%20in%20Souther%20Pine%20Forests_Fire%20Ecology%2C%20Techniques%2C%20and%20Uses%20for%20Wildlife.pdf)
* [Establishing Native Warm Season Grasses for Upland Wildlife](http://www.americaslongleaf.org/media/8556/Establishing%20Native%20Warm%20Season%20Grasses%20for%20Upland%20Wildlife%20%28NWTF%29.pdf)
* [Managing Longleaf Pine for Wildlife Powerpoint](http://www.americaslongleaf.org/media/8562/WildlifeFire_Beck_nopics.pptx)
* [Longbeards and Longleaf Powerpoint](http://www.americaslongleaf.org/media/8627/Longleaf%20and%20Longbeards%20PP%20in%20MS%202012.ppt)
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|  | 1 hour | Lunch |  |
| 5 | 30 min | Seedling Availability - State Extension Specialist or State Forester | * Seedling Map <http://www.longleafalliance.org/longleaf-nurseries/nursery-listings>
* [The ABC’s of Longleaf Artificial Regeneration Powerpoint](http://www.americaslongleaf.org/media/8592/8%20FL%20LLA%20Academy%20Mark%20Seed%20Quality%2C%20Planting%20Release%20updated.ppt)
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| 6 | 30 min | NRCS Program Overview and Landowner Incentives - NRCS Agent | * <http://youtu.be/KNfyWddnkbs>
* [NRCS Longleaf Initiative One Pager](http://www.americaslongleaf.org/media/8570/Longleaf%20Initiative%20One%20Pager.pdf)
* [NRCS Longleaf Pine Initiative Powerpoint (East Texas specific)](http://www.americaslongleaf.org/media/8586/NRCS_LLPI_East_Texas.ppt)
* [NRCS Longleaf Pine Initiative Powerpoint (General)](http://www.americaslongleaf.org/media/8595/NRCS_LLPI_General.ppt)
* [NWTF – NRCS and LLP Powerpoint](http://www.americaslongleaf.org/media/8630/NRCS%20LLP%20ppt.%2012-12-12.ppt)
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| 7 | 30 min | Economics of Longleaf Pine - Longleaf Alliance or Extension Specialist | * [The Economics of Longleaf Pine Management](http://www.americaslongleaf.org/media/8580/The%20Economics%20of%20Longleaf%20Pine%20Management%20Final%20%28Longleaf%20Alliance%29.pdf)
* [Longleaf Economics 2 Pager](http://www.americaslongleaf.org/media/8577/Longleaf%20Economics%20One-Pager.pdf)
* There are many excellent state specific economic valuations also in the resources section of (<http://www.americaslongleaf.org/resources/publications/>)
* [Longleaf Pine Economics Powerpoint](http://www.americaslongleaf.org/media/8621/Longleaf%20Economics.pptx)
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|  | 15 min | Break |  |
| 8 | 2 hours | Field Visit | * Visit demonstration sites
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|  |  | Open Discussion of Lessons Learned |  |
|  | Other Course Recommendations:* By working with members of the Local Implementation Teams, demonstration plots can be identified in the field so that target audiences can observe various management practices first-hand.
* As a partner in America’s Longleaf, many military installations in the southeast also manage longleaf forests that can be viewed by working with the base natural resource management division.
* The course materials identified are suggested materials for creating participant packets that can be supplemented or replaced with materials in the resource section of the ALRI website (<http://www.americaslongleaf.org/resources/publications/>)
* Additional background materials for extension agents may be found at the following links:
* [Bird Use of Longleaf Pine Restoration](http://www.americaslongleaf.org/media/8599/Avian%20response%20to%20Longleaf%20Afforestation%20Projects%20%28USDA-NRCS%29.pdf)
* [Converting Planted Loblolly Pine (or Slash Pine) to Longleaf Pine: An Opportunity](http://www.americaslongleaf.org/media/8602/Converting%20to%20Longleaf%20with%20Underplanting.pdf)
* [Lightning-Season Burning: Friend or Foe of Breeding Birds](http://www.americaslongleaf.org/media/8605/Fire%20Effects%20on%20Breeding%20Birds%20%28NFWF%29.pdf)
* [The Pine that Fire Built](http://www.americaslongleaf.org/media/8608/General%20Rules%20for%20Burning%20Longleaf%20%28Longleaf%20Alliance%29.pdf)
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