Applied Management of Conservation Lands in Florida

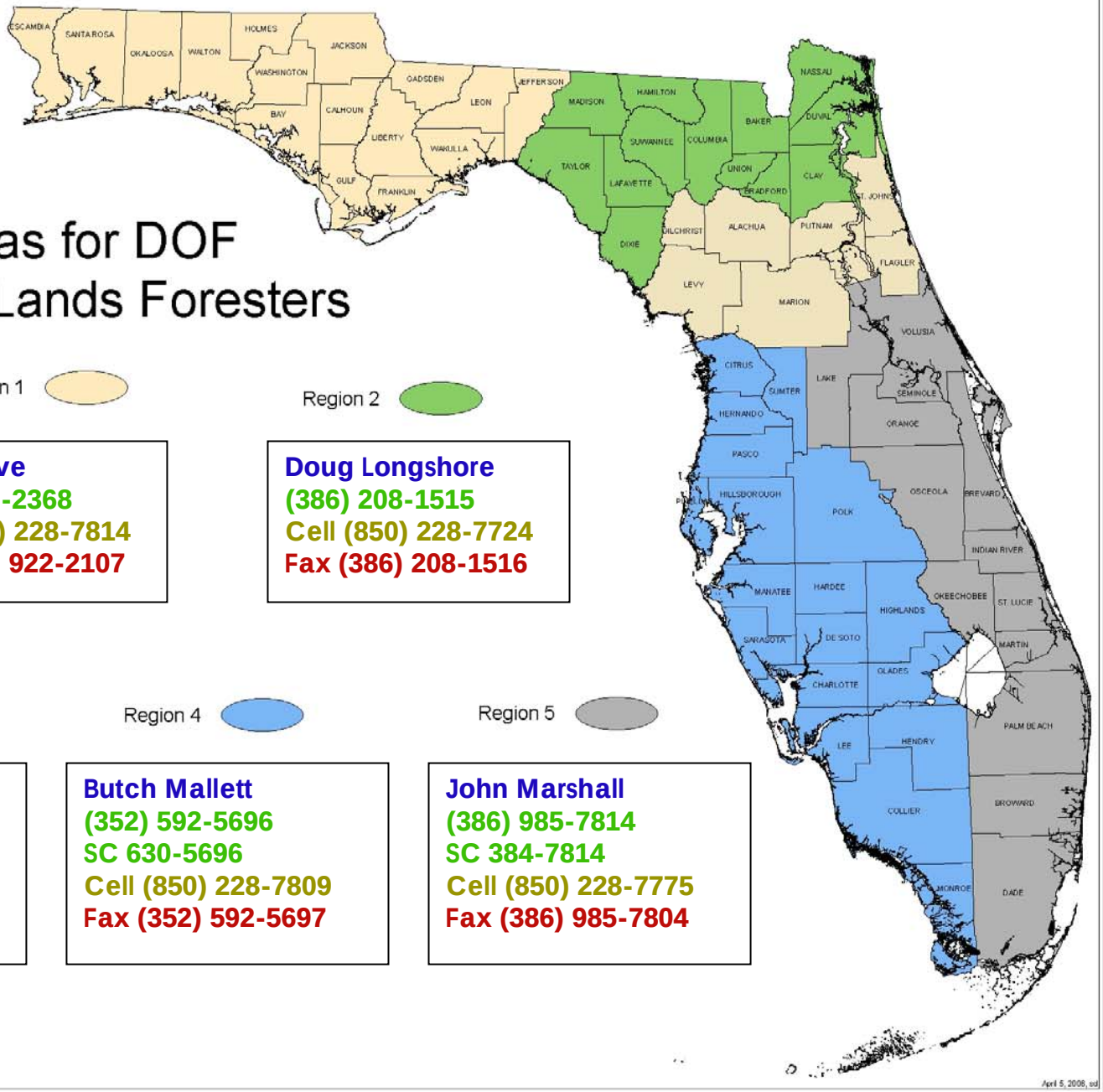
June 21, 2007

DIVISION of FORESTRY
Other Public Lands Program

The Other Public Lands Program

- PROGRAM WAS STARTED IN 1999
- ASSIST OTHER PUBLIC AGENCIES WITH FOREST MANAGEMENT (DEP,FWC,counties,DOC,etc.)
- PROVIDE PROFESSIONAL FORESTRY GUIDANCE, EXPERIENCE AND EXPERTISE TO ACHIEVE THE LEAD AGENCIES MANAGEMENT GOALS

Assigned Areas for DOF Other Public Lands Foresters



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2006 Florida Statutes
Title XVIII Public Lands and Property

Chapter 253
STATE LANDS

- **253.034 State-owned lands; uses.--**
- It is the intent of the Legislature that, where feasible and consistent with the goals of protection and conservation of natural resources associated with lands held in the public trust by the Board of Trustees of the Internal Improvement Trust Fund, public land not designated for single-use purposes pursuant to paragraph (2)(b) be managed for multiple-use purposes.
- (a) "Multiple use" means the harmonious and coordinated management of timber, recreation, conservation of fish and wildlife, forage, archaeological and historic sites, habitat and other biological resources, or water resources so that they are utilized in the combination that will best serve the people of the state, making the most judicious use of the land for some or all of these resources and giving consideration to the relative values of the various resources..

2006 Florida Statutes
Title XVIII Public Lands and Property

Chapter 253
STATE LANDS

- **253.036 Forest management.**--All land management plans described in s. 253.034(5) which are prepared for parcels larger than 1,000 acres shall contain an analysis of the multiple-use potential of the parcel, which analysis shall include the potential of the parcel to generate revenues to enhance the management of the parcel. The lead agency shall prepare the analysis, **which shall contain a component or section prepared by a qualified professional forester which assesses the feasibility of managing timber resources on the parcel for resource conservation and revenue generation purposes through a stewardship ethic that embraces sustainable forest management practices if the lead management agency determines that the timber resource management is not in conflict with the primary management objectives of the parcel.** For purposes of this section, practicing sustainable forest management means meeting the needs of the present without compromising the ability of future generations to meet their own needs by practicing a land stewardship ethic which integrates the reforestation, managing, growing, nurturing, and harvesting of trees for useful products with the conservation of soil, air and water quality, wildlife and fish habitat, and aesthetics.

2006 Florida Statutes
Title XVIII Public Lands and Property

- The Legislature intends that each lead management agency, whenever practicable and cost effective, use the services of the Division of Forestry of the Florida Department of Agriculture and Consumer Services or other qualified private sector professional forester in completing such feasibility assessments and implementing timber resource management. The Legislature further intends that the lead management agency develop a memorandum of agreement with the Division of Forestry to provide for full reimbursement for any services provided for the feasibility assessments or timber resource management. All additional revenues generated through multiple-use management or compatible secondary use management shall be returned to the lead agency responsible for such management and shall be used to pay for management activities on all conservation, preservation, and recreation lands under the agency's jurisdiction. In addition, such revenue shall be segregated in an agency trust fund and shall remain available to the agency in subsequent fiscal years to support land management appropriations.
- **History.**--s. 1, ch. 98-332.

PAST LAND USES

13 19:49

18 19:26

MERCHANTABLE TIMBER
Pine Product Classes

- Pulpwood- at least 4.6” DBH with at least 16’ of merchantable length to a 4” top $
- Chip and Saw- at least 8.6” DBH with at least 24’ of merchantable length to a 4” top and reasonably straight $$
- Sawtimber- at least 11.6” DBH with at least one 16’ log to an 8” top $$$

Timber Harvesting

18 19:14

18 19:06

18 19:23

2 18:45

TIMBER HARVEST

- Responsible way to reduce density or Basal Area of forested stands
- Contract can be tailored for special considerations of individual properties
- Removal of undesirable species
- Opens canopy to allow escape of heat from prescribed burning and sunlight entry
- Revenue Generation

BASAL AREA

- Basal Area Example:
- What is the Basal Area per tree?
- .005454 x Diameter Squared = BA/Tree DBH
- How many 14” DBH trees/acre = 50 BA
- .005454 x 196 = 1.068984
- 50 divided by 1.068984 = **46.77 tpa**
- 8” diameter trees = 143 trees/acre for 50 BA

28 16:14

13 10:33

13 11:19

Miscellaneous Forest Products

- Cabbage Palms
- Dragonwood (Crookedwood)
- Palm Fronds
- Palmetto Fans

FORES

Timber Stand Improvements

- Natural processes of forest development entail some form of disturbance (fire, storm, insect, etc…) that is usually followed by an establishment (seed cast, species conversion, plant succession, etc…) event.

The management actions employed by land managers are intended to emulate natural conditions and processes but without incurring loss to the resources.

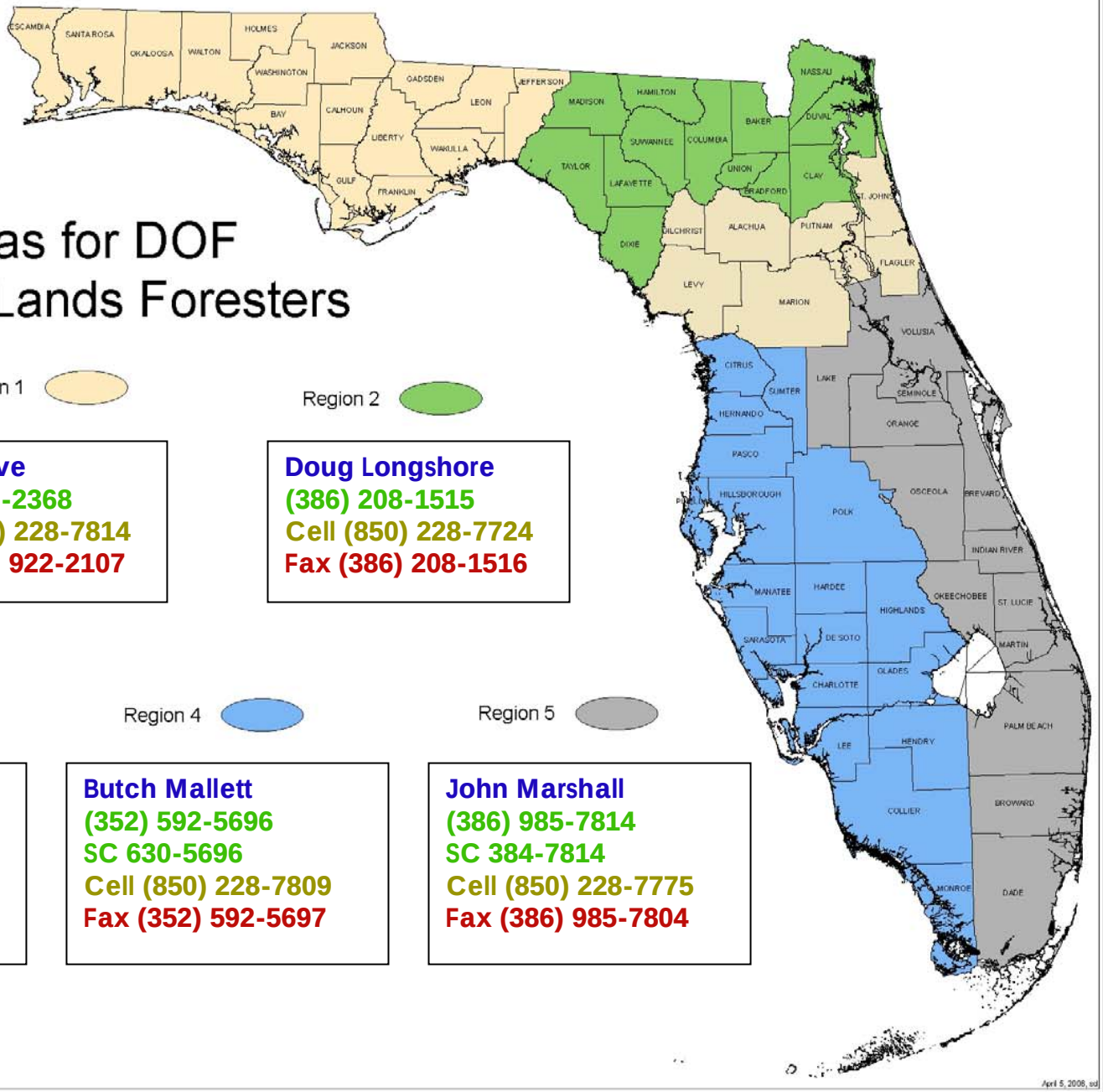
PUBLIC/SOCIETAL VALUES

25 10:43AM

13 10:45

2 15:06

Assigned Areas for DOF Other Public Lands Foresters



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