Division of Forestry

- State Forest Section
- Nursery Section
- Cooperative Forest Management Section
- Special Programs Section - Urban, GIS, Industry & Education

- Personnel - Professional = 81
  - Support = 49
  - Total = 130
  - Intermittent = 100

12/28/2015 Stewardship Committee Meeting
DNR Division of Forestry
Annual Budget
<table>
<thead>
<tr>
<th>Year</th>
<th>Prop Tax</th>
<th>Gen Fd</th>
<th>Total</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 98</td>
<td>3,375,202</td>
<td>1,232,844</td>
<td>4,608,046</td>
<td>98 - 09</td>
</tr>
<tr>
<td>FY 99</td>
<td>3,886,938</td>
<td>1,240,924</td>
<td>5,127,862</td>
<td>12-Yr Avg</td>
</tr>
<tr>
<td>FY 00</td>
<td>3,738,146</td>
<td>1,954,000</td>
<td>5,692,146</td>
<td>Total</td>
</tr>
<tr>
<td>FY 01</td>
<td>4,594,751</td>
<td>1,954,000</td>
<td>6,548,751</td>
<td>Average</td>
</tr>
<tr>
<td>FY 02</td>
<td>4,147,354</td>
<td>1,721,307</td>
<td>5,868,661</td>
<td>04 - 09</td>
</tr>
<tr>
<td>FY 03</td>
<td>3,003,743</td>
<td>275,000</td>
<td>3,278,743</td>
<td>06 - '09</td>
</tr>
<tr>
<td>FY 04</td>
<td>5,933,768</td>
<td>458,784</td>
<td>6,392,552</td>
<td>6-Yr Avg</td>
</tr>
<tr>
<td>FY 05</td>
<td>5,887,218</td>
<td>452,263</td>
<td>6,339,481</td>
<td>Total</td>
</tr>
<tr>
<td>FY 06</td>
<td>4,929,952</td>
<td>1,000,984</td>
<td>5,930,936</td>
<td>Average</td>
</tr>
<tr>
<td>FY 07</td>
<td>3,633,477</td>
<td>1,001,224</td>
<td>4,634,701</td>
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</tr>
<tr>
<td>FY 08</td>
<td>4,752,829</td>
<td>537,227</td>
<td>5,290,055</td>
<td>Average</td>
</tr>
<tr>
<td>FY 09</td>
<td><strong>4,989,738</strong></td>
<td><strong>3,274,753</strong></td>
<td><strong>8,264,491</strong></td>
<td>4-Yr Avg</td>
</tr>
<tr>
<td>FY 10</td>
<td>737,884</td>
<td>4,045,128</td>
<td>4,783,012</td>
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</tr>
<tr>
<td>FY 11-est</td>
<td>15,000</td>
<td>3,820,398</td>
<td>3,835,398</td>
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</tr>
<tr>
<td>FY 12-est</td>
<td>0</td>
<td>4,114,649</td>
<td>4,114,649</td>
<td></td>
</tr>
<tr>
<td>FY 13-est</td>
<td>0</td>
<td>4,114,649</td>
<td>4,114,649</td>
<td></td>
</tr>
</tbody>
</table>

Prop Tax to Forestry Ended 12-31-08
## Current Division Open Positions

<table>
<thead>
<tr>
<th>Division</th>
<th>Job Title</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNR - Forestry CFM Staff</td>
<td>Broad Band Executive</td>
<td>Special Programs</td>
</tr>
<tr>
<td>DNR - Forestry CFM # 3</td>
<td>Forester Specialist 2</td>
<td>District Forester</td>
</tr>
<tr>
<td>DNR - Forestry CFM # 11</td>
<td>Office Manager 3</td>
<td>Office Manager</td>
</tr>
<tr>
<td>DNR - Forestry GreeneSullivan</td>
<td>Forester 3</td>
<td>Resource Specialist</td>
</tr>
<tr>
<td>DNR - Forestry Martin</td>
<td>Office Manager 3</td>
<td>Office Manager</td>
</tr>
<tr>
<td>DNR - Forestry Yellowwood</td>
<td>Property Manager 3</td>
<td>Asst Property Manager</td>
</tr>
<tr>
<td>DNR - Forestry Yellowwood</td>
<td>Forester Specialist 2</td>
<td>Resource Specialist/supervisor</td>
</tr>
<tr>
<td>DNR - Forestry Deam Lake</td>
<td>Sewage Disposal Oper 2</td>
<td>STP Operator</td>
</tr>
<tr>
<td>DNR - Forestry Deam Lake</td>
<td>Forester 3</td>
<td>Naturalist/Resource Specialist</td>
</tr>
<tr>
<td>DNR - Forestry Starve Hollow</td>
<td>Property Manager 3</td>
<td>Asst Property Manager</td>
</tr>
<tr>
<td>DNR - Forestry Fire HQ</td>
<td>Forester 3</td>
<td>Wildfire Coord/Resource Specialist</td>
</tr>
<tr>
<td>DNR - Forestry Urban Forestry</td>
<td>Program Director 1</td>
<td>CUF Coordinator</td>
</tr>
<tr>
<td>DNR - Forestry Education</td>
<td>Natural Sciences Manager 1</td>
<td>Education</td>
</tr>
<tr>
<td>DNR - Forestry FRI</td>
<td>Appl Syst Analyst/Prog Int</td>
<td>GIS Coordinator</td>
</tr>
<tr>
<td>DNR - Forestry FRI</td>
<td>Forester 3</td>
<td>FRI Resource Specialist</td>
</tr>
<tr>
<td>DNR - Forestry JasperPul Nursry</td>
<td>Laborer 3</td>
<td>Laborer</td>
</tr>
<tr>
<td>DNR - Forestry Vallonia Nursry</td>
<td>Laborer Sup 5</td>
<td>Laborer Supervision</td>
</tr>
<tr>
<td>DNR - Forestry Vallonia Nursry</td>
<td>Laborer 3</td>
<td>Laborer</td>
</tr>
</tbody>
</table>

18 position/14%  $767,603.00
“I can accept failure, everyone fails at something. But I can’t accept not trying.” — Michael Jordan

“Everybody has accepted by now that change is unavoidable. But that still implies that change is like death and taxes it should be postponed as long as possible and no change would be vastly preferable. But in a period of upheaval, such as the one we are living in, change is the norm.” — Peter F. Drucker

“If you want to make enemies, try to change something.” — Woodrow Wilson
Division’s Strategic Plan
2015-2019

• Maintain current allowable harvest of 12-14 million bd ft
• Grow recreational opportunities system wide
• Maintain quality of the Classified Forest & Wildlands Program – 746,000 acres + 12,000 new acres per year
• Continue to invest in our eResources Forestry Exchange website – Forestry Exchange, INFRMS and soon Tree Seedlings
Division’s Strategic Plan
2015-2019

• Continue to provide urban forestry educational opportunities, Tree Stewards, continuing ed.
• Conservation education – Teachers Institute, PLT
• 2-3 million nursery production
• Support and train local and state personnel on wildland fire use and suppression.
• Consideration of additional revenue opportunities beyond timber sales – recreation, fees for services, rentals.
On-line nursery sales coming 2015

Welcome to eResource Management Services
by the Indiana Division of Forestry

Stewardship Committee Meeting
Forest Resources

• **FIA**
  – Partially federally funded
  – Covers entire state
  – Covers all ownerships
  – 1 plot/6,000 acres
  – Data updated annually
  – Comprehensive report every 5 years (new one will be dated 2009-2013...in review)

• CFI programs currently on a 5 year plot remeasurement cycle
• FIA slipped to a 7-year cycle starting 2014
• Annually measure approximately 200 FIA field plots, 500 Classified Forest plots, 800 Property plots
• Avenue to go DNR-wide with inventory –pilot project started with parks/reservoirs

• **CFI Properties**
  – State forest properties
  – 1 plot/40 acres
  – @Half way complete with first re-measurements
  – Comprehensive reports 2008-2012 available online (2009-2013 also completed) (2010-2014 data processed, analysis/report to start soon)

• **CFI Classified Forests**
  – Private lands in classified forest and wildlands program
  – 1 plot/200 acres
  – Third year of plot establishment completed
  – First report maybe this year (depends on statistical reliability with only 60% sample)

12/28/2015 Stewardship Committee Meeting
• **Current Forest Inventory Section Staff:**
  
  • **Supervisor** – database management, analysis/reporting, quality control/training, personnel/fleet management, purchasing, special projects (PI QA plots, logged area utilization studies, ...), GIS/map-making for Classified and Property plots, some field production work, etc.
  
  • **Photo Interpreter** – mainly FIA, plot package preparation, GIS work determining forest/non-forest status (@1,000 plots annually)
  
  • **Inventory Foresters** – 4 dedicated solely to inventory and another shared position

  Avenue to go DNR-wide with inventory – pilot project started with parks/reservoirs

Would need additional staff of approximately 2-3 inventory foresters and some shifting of responsibilities from supervisor to “Lead Inventory Forester,” photo interpreter and/or new technologies (i.e. iPads with real-time maps)
Highlights of Property Report

- 156,062 total acres; 150,681 forested acres with the balance in non-forest (i.e. campgrounds) and water
- 96% of the forested acres are hardwoods
- 91% of the forested acres are sawlog-sized stands
- Forests contain 59.2 million live trees
- Sugar maple trees and seedlings are more abundant than any other species
- 339.1 million cubic feet of total live tree volume
- 1.392 billion board feet (International ¼ inch) of sawlog volume
- White oaks followed by red oaks are the species groups with the most sawlog volume
- Half of the sawlog volume is considered grade 1 or 2
- Annual net growth (gross growth less mortality) exceeds harvest
- Multiflora rose, Japanese honeysuckle, and stiltgrass are the most common invasive species with bush honeysuckle, bittersweet, ailanthus, garlic mustard, and others present and of concern
Hardwood Economic Development Strategies

Job Retention/Growth in Primary & Secondary Manufacturing
Marketing/Promotion and Job Development
Industry Recruitment/Development of New Business
International Activities

Trade Shows

- International Wood Furniture Show - Dubai, U.A.E.
- International Furniture Manufacturing & Supply Fair - Chengdu, China
- ForMobile Trade Fair- Sao Paulo, Brazil
- Intermob Trade Show – Istanbul, Turkey

- Over 180 trade leads were generated from the shows for lumber, logs & veneer
- Hosted 5 Importers & Manufactures requiring product – over $500,000.00 in sales of lumber & veneer!
Domestic Activities

- Multiple Presentations to Industry & Landowner Groups
  - Emerging International Markets
  - Hardwood Industry Data & Economic Impact
- Industry Recruitment and Support on Existing & New Businesses
  - Supported numerous business expansions & new businesses opportunities
- Hardwood Industry Data & Publications
  - Working in conjunction with Purdue and IU to update hardwood facts
  - 2014 Indiana Forest Products Price Report and Trend Analysis
Forest Products

- Forest Stewardship Council® (FSC) Chain of Custody (COC) Group Membership
  - Manage group of primary/secondary wood product companies
  - Allows companies to purchase/sell products with an FSC (increases market share)
  - 52 primary members / 20 secondary members
  - $10 million in sales of FSC products annually
Forest Products

• Training and Technical Assistance
  – Coordinated 2200 hours of training to over 280 individuals in 2014
  – Provided 1,235 technical assists (103/month) covering a variety of forest industry topics
State Wide Urban Forestry

- Provide technical assistance, education, training and grant funding for urban forestry in Indiana
- Provide urban forestry guidance for state and local governments
- Promote and review Tree City, Tree Line, and Tree Campus Programs.
Community Sub Grants

• Funding for communities to:
  – Inventory publicly owned land and ROW
  – Develop management plans/ ordinances
  – Plant trees
  – Develop publications
  – Provide training/education

Average: $100-200,000/year
Reach: 8-20 recipients based on requested amounts and number of applications
Technical Assistance

- State Regions
- Counties
- Councils of governments
- Municipal governments
  - Public works
  - Planners, designers
- Local non profits
- Individual citizens
Moving Forward

• Continue Urban Forestry Grants to communities
  – 10-16 grants annually focus on inventory and management planning, EAB mitigation

• Stromwater and Trees Roundtable to address trees as part of Green infrastructure implementation in Indiana

• Provide International Society of Arboriculture (ISA) Tree Risk Assessment Qualification (TRAQ) and/or ArborMaster workshop(s) for municipal foresters and arborists, industry professionals, and nonprofit tree groups
Moving Forward

• Continuation of the Tree Steward program

• Support Indian Urban Forest Council

• Provide assistance and logistics support to State Entomologist and Purdue Extension with Forest Pest Outreach and Survey Program (FPOSP) Early Detector trainings for Citizen science reporting of invasive species.