



Regional Resource Stewardship Council

June 6 and 7, 2017
Knoxville, Tennessee



Safety First



Building Emergency Plan

Introductions



- Name
- Organization
- Favorite Recreational Activity



Today's Meeting

Agenda – June 6, 2017

8:30	TVA Welcome	Joe Hoagland, VP, Enterprise Relations and Innovation and Designated Federal Officer
	RRSC Welcome	Avis Kennedy, Council Chair
	Introductions and Agenda Review	Lee Matthews, Facilitator
8:50	FACA Briefing	Kendra Mansur, Office of the General Counsel
9:00	DFO Briefing	Hoagland
9:10	Land and River Management	David Bowling, VP, Land and River Management
9:15	River Management Update	Melissa Lindquist, Civil Engineer, River Forecast Center Jim Bryant, Senior Program Manager, River System Dam Safety
9:35	Natural Resources Update	Bucky Edmondson, Director, Natural Resources
10:00	Break	
10:15	Introduce Advice Topic	Edmondson and Matthews
10:20	TVA Broad Economic Development Mission	Millie Callaway Parkes, Senior Program Manager Economic Development Initiatives
10:30	Economic Benefits of TVA's Management of Public Land and Water	Jerry Fouse, Specialist Recreation Strategy Dr. Neelam Poudyal, University of Tennessee
11:50	Adjourn and Lunch	

Agenda – June 7, 2017

8:30	Welcome and Recap	Lee Matthews, Facilitator
8:40	Comprehensive Land Plan and Future RRSC Topics	Bucky Edmondson, Director, Natural Resources
9:00	Prepare for Public Comment Period	
9:05	Public Comment Period	Matthews, Facilitator
10:05	Break	
10:15	Council Discussion / Form Advice	Matthews, Facilitator and Council
11:15	Wrap Up	Kennedy / Hoagland
11:30	Adjourn (lunch available for Council Members)	



RRSC Meeting Facilitation

- DFO (or his designee) will facilitate and ensure good order during all open discussions
- Only one speaker or attendee is permitted to comment at a time
- To be recognized by the Chair (or meeting facilitator) in order to provide comment, please turn your name card on its side



The Federal Advisory Committee Act and The Regional Resource Stewardship Council

Kendra Mansur, Office of the General Counsel
FACA Briefing—Ninth Term
Second Meeting

RRSC Meeting Protocols

Agenda

- Joe Hoagland, Vice President, Enterprise Relations is the Designated Federal Officer (DFO)
- Agenda prepared and approved by the DFO in consultation with Council Chair, Avis Kennedy
- Agenda distributed to Council and an outline is published in the Federal Register prior to each meeting
- Topics may be submitted to the DFO by any member of the Council, or non-members, including members of the public

Meeting Minutes

- DFO will ensure that minutes are prepared for each meeting, approved by the Chair, and made available to Council members and the public

Voting

- Any member of the Council may make a motion for a vote
- Recommendations to TVA Board shall require an affirmative vote of at least eleven Council members present on that date
- Council members may include minority or dissenting views

Membership

- Balanced Membership
- Professional or personal qualifications to achieve the mission of regional resource stewardship
- Broad range of diverse views and interests, including recreational, environmental, industrial, business, consumer, educational and community leadership



Thank you
for your participation and advice.



DFO Briefing

Joe Hoagland, Vice President, Enterprise Relations and Innovation
Designated Federal Officer

TVA Updates

Energy

Delivering affordable,
reliable power

Environment

Caring for our region's
natural resources

Economic Development

Creating sustainable
economic growth

Meet
reliability
expectations
& provide a
balanced
portfolio



September 2016 Meeting Recap

- Meeting held September 20-21, 2016, in Knoxville, TN
- Welcomed new members to the RRSC
- Provided an overview of the **Seven States Water Partnership**, which addresses coordination water supply in the seven state region
- Provided a **Natural Resource Stewardship** update
- Provided detailed presentation on **TVA's Comprehensive Land Plan**.
- Council provided discussion and on the presentation topics, with advice on how to increase effectiveness

Today's Meeting Goals

- Provide an update to the RRSC on TVA Natural Resource Stewardship and River Operations.
- Provide an update on RRSC topics including Comprehensive Lands Planning EIS, Floating Homes, and Dam Safety topics
- Share information on the Ecotourism Benefit of TVA's Management of Public Land and gain advice to help us manage the requests for events and such on public lands and waters and how to balance those requests with public use / what should we consider



TVA Land & River Management

David Bowling, Vice President

TVA Resources & River Management



TVA & River Management





River Management Update

Melissa Lindquist P.E.
River Forecast Center Lead Engineer

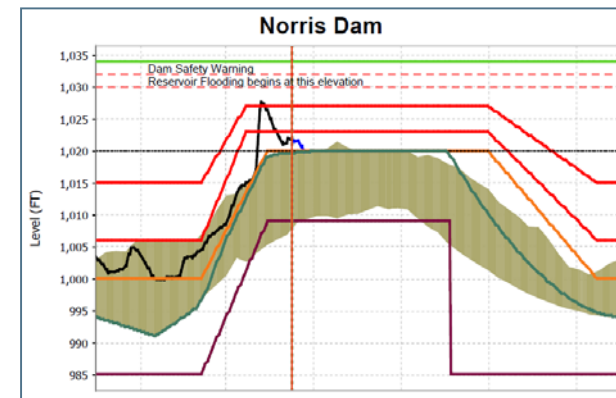
Reservoir Conditions

- Rainfall – 24.4” CYTD (116% of normal, 4/24/17)
- Runoff – 11.5” (81% of normal)
- 9 of 10 major tributary lakes at or above target levels on June 1st.
- Nottely was a couple feet low due to lingering drought conditions in N. GA.

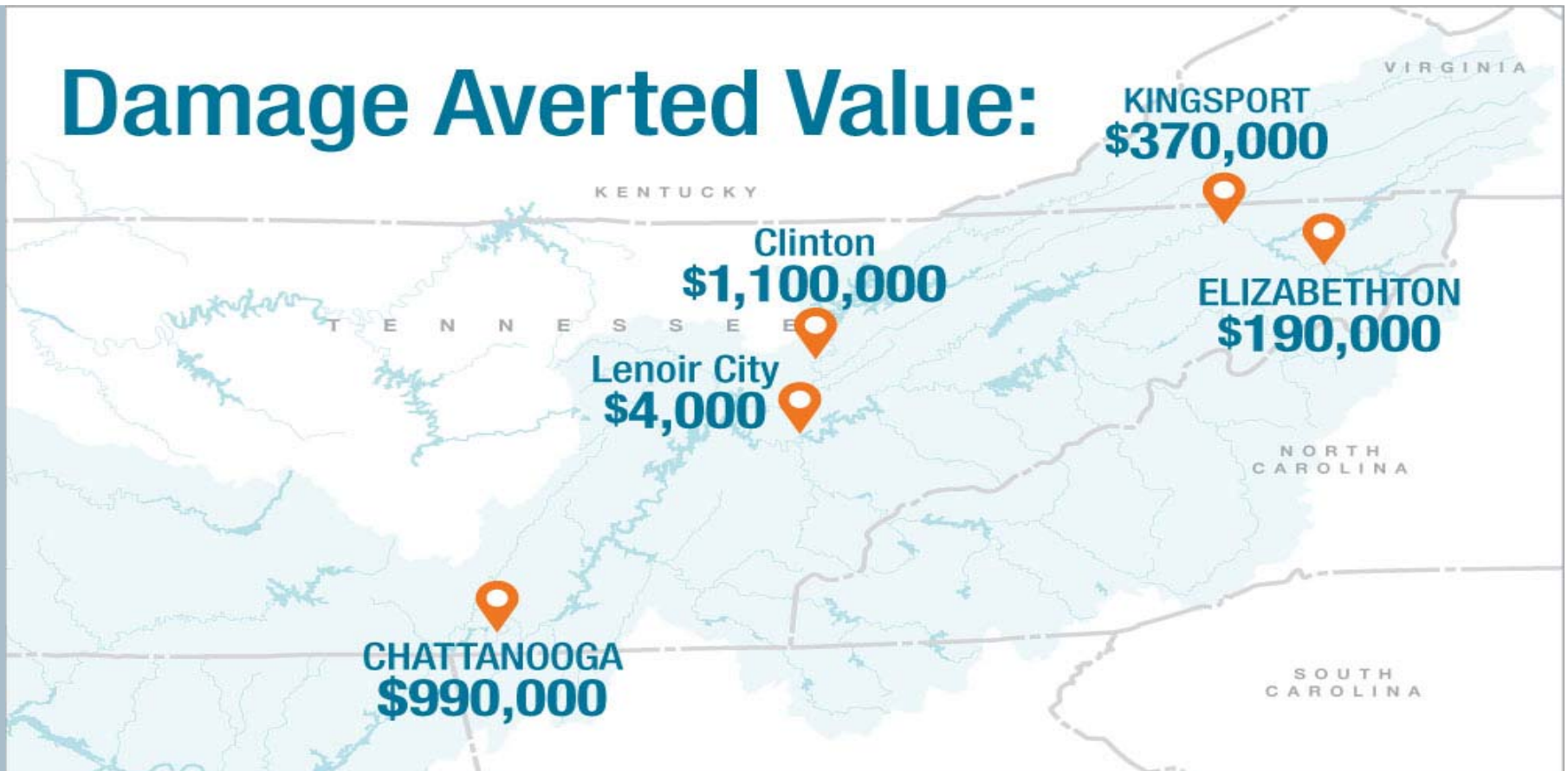


April Showers

- Wettest April since 1998
- 7 days ending 4/29:
250% of normal rainfall
and 334% for runoff
- Stored water in tributaries
to prevent flooding in
downstream communities;
accumulated 11' in Norris
over 3 days to 7.5' above
normal summer pool.



Damage Averted Value:



Our management of the river system took nearly 12 feet off the crest at Chattanooga and over 10 feet off of the crest at Savannah, TN. Additionally, we were able to hold Whitesburg, Florence and Savannah just under flood stage.

River/Recreation Tour May 1 – May 5

Three Teams-

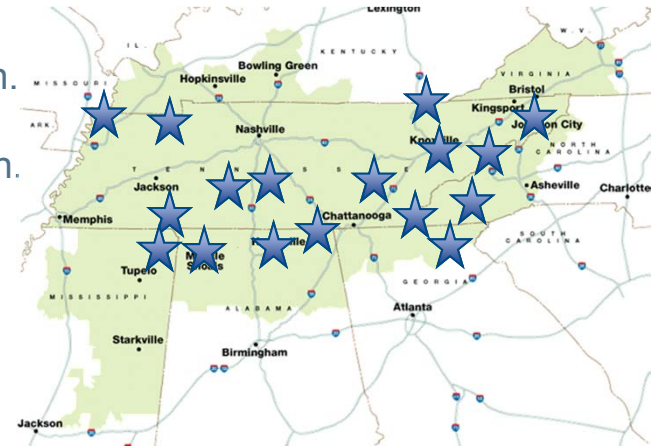
Eastern Valley: North Georgia, Western N.C. and East Tenn.

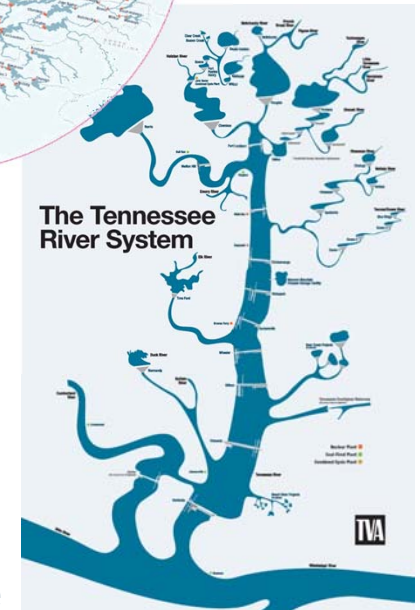
Western Region: West Tenn./Kentucky and Middle Tenn.

Central Valley: North Alabama/Miss. and Southeastern Tenn.

Organizations participating:

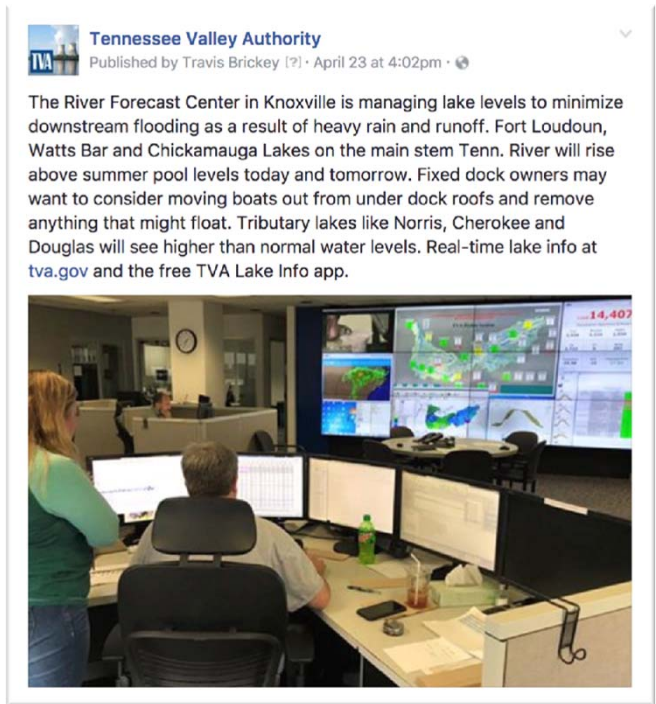
- River Management
 - Natural Resources
 - Government Relations
 - Communications & Marketing
-
- Visited nearly 60 local media outlets
 - 8 stakeholder briefings
 - Media event in Tri-Cities





Other Outreach

- Dozens of River Forecast Center tours provided
- River Management staff supported numerous speaking engagements and community events across the Valley
- Social Media – River Management stories and real-time information
- Traditional Media
- Website and App
- TVA Info e-mails





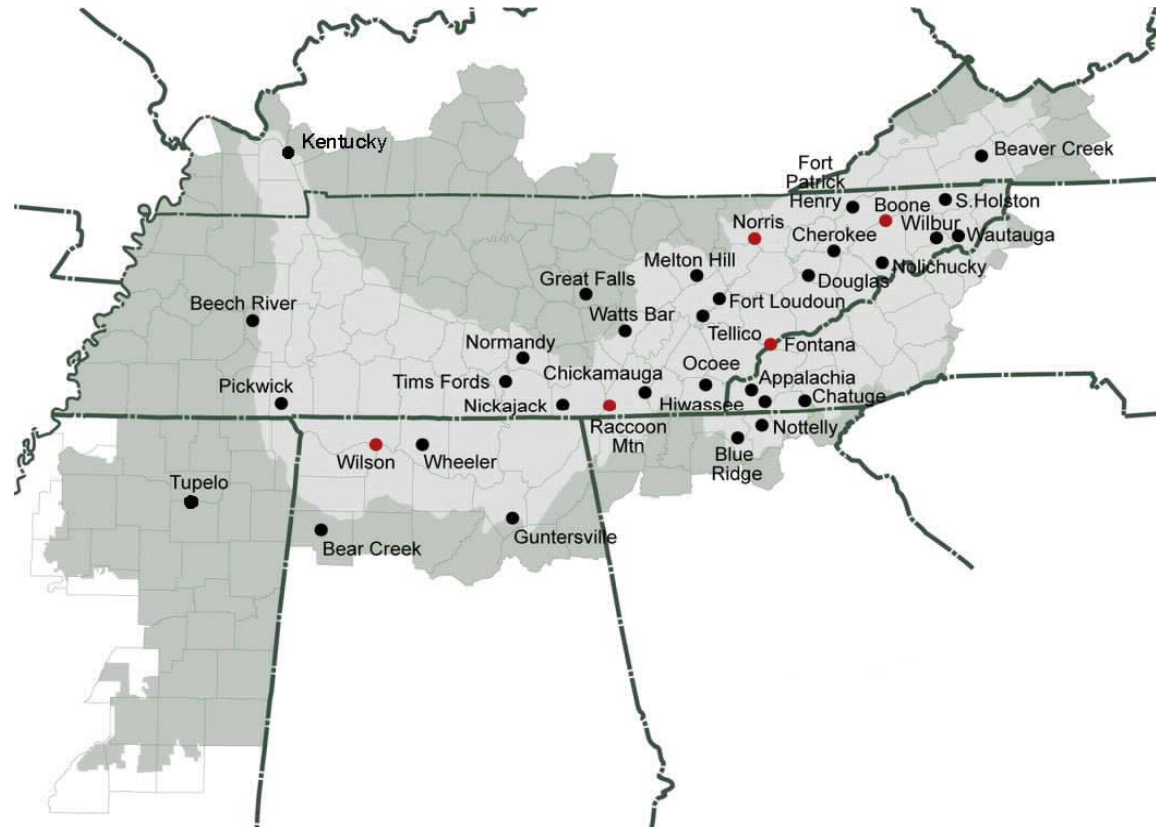
Dam Safety

Jim Bryant
Senior Program Manager Dam Safety
June 6, 2017

The Tennessee Valley

7 State Region in
Southeast US.

TVA owns and
operates 49
River Dam
Projects.



The Dam Facts

Oldest Dams:

- Ocoee 1 – 1911 – by TN Electric Power
- Norris – 1936 – TVA (first dam built by TVA)

Newest Dams:

- Tellico – 1979 by TVA (newest “dam”)
- Douglas Saddle Dam No. 7 – 1987

Longest Dams:

- Kentucky Dam - 8422’
- Guntersville Backwater Dike – 12,585’

Shortest Dams (Length):

- Wilbur Dam – 375’
- Douglas Saddle Dams 2 and 7 – 20’

Tallest Dam:

- Fontana – 480’

Shortest Dams (Height):

- Lost Creek – 18’
- Watts Bar Saddle Dam 1 – 7’

Dam Safety in TVA

TVA has maintained a form of the Dam Safety Program since 1933.

In 1976 Teton Dam failed

- As a result, *Federal Guidelines for Dam Safety* were developed in 1979.
- TVA's Dam Safety program became more formalized and rigorous

TVA's Dam Safety Program is recognized as a model both nationally and internationally.



Teton Dam Failure, Idaho, 1976

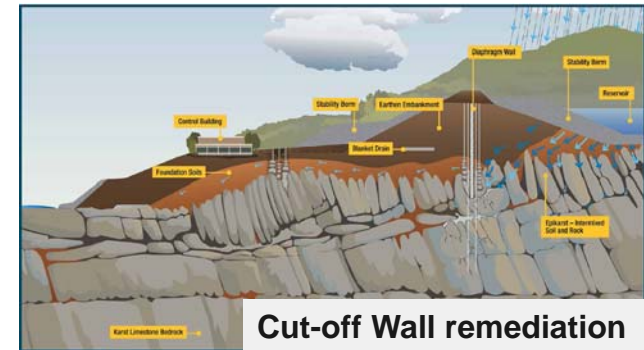
Dam Safety

TVA's Dam Safety Program includes:

- Civil, mechanical and electrical discipline inspections of each dam
- Diving inspections
- Remote Operated Vehicle (ROV) inspections
- Navigation lock inspections
- Instrumentation to monitor dam performance
- Maintenance and repairs
- Spillway gate maintenance
- Health checks
- Construction for dam safety improvements



Boone Dam Remediation Project



Little Bear Creek Dam



Seep noted on 04/03/2017



Sand filter completed 05/12/17

Pickwick Landing Dam South Embankment Modernization

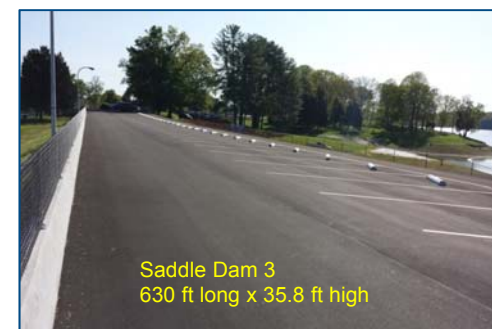
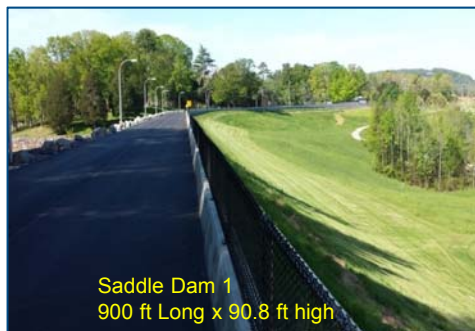
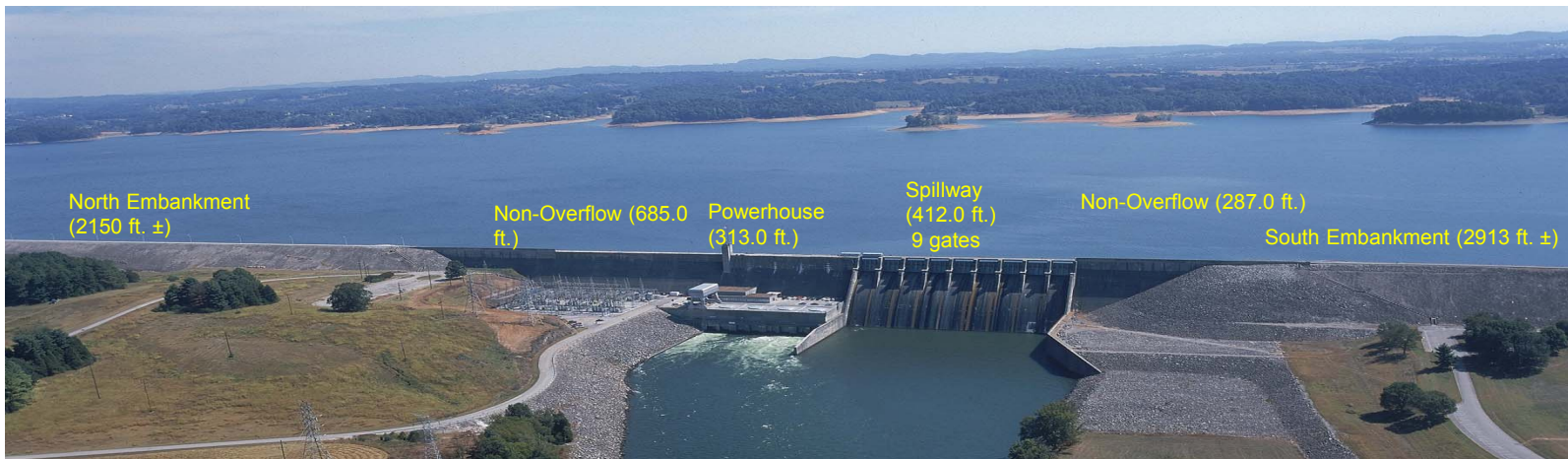


Existing



Proposed

Cherokee Dam



Douglas Dam







TVA Natural Resources Update

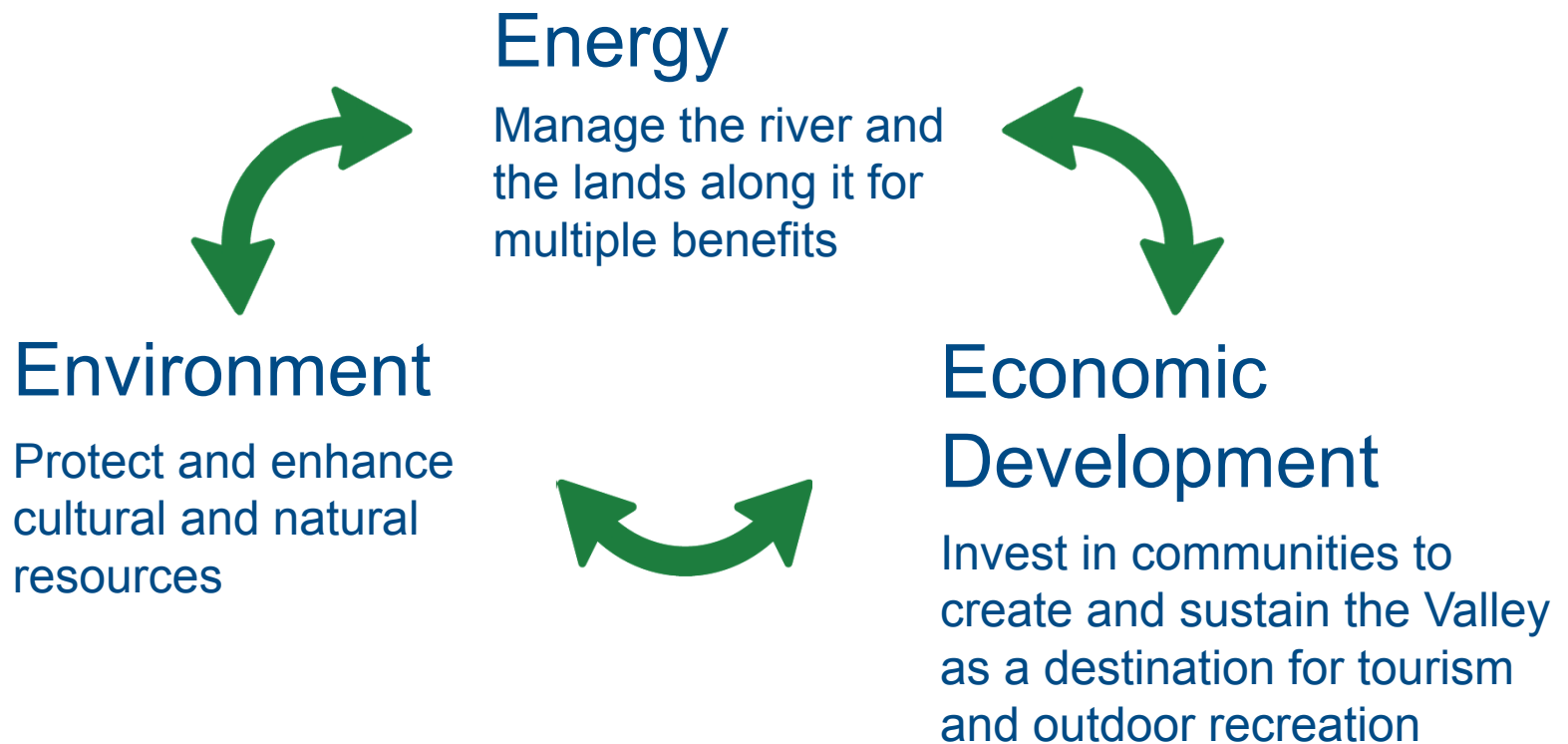
Bucky Edmondson, Director
Natural Resources



Agenda

- FY17 Natural Resources highlights
- Floating Cabins update

TVA exists to make our region the best place in the country to live, work and play



TVA Natural Resources – Focus Areas

Land, Wildlife,
& Habitat
Management

Public
Outreach &
Information

Commercial
& Public
Recreation

Public Land
Protection

Water
Resources
Stewardship

Cultural
Resources
Stewardship

Reservoir
Lands
Planning

Ecotourism

Section 26a
Permitting &
Land Use
Agreements

Nuisance
Aquatic Plant
Management

Section 26a Permitting & Land Use Agreements

Facilitate and support reservoir community development and partnerships through Section 26a permitting and land use agreements

- Supports public and commercial recreation through permits and land use agreements
- Enhances municipal recreational opportunities by granting use of TVA lands through leases or easements
- Promotes and supports special events (e.g., fishing tournaments) or small scale recreation activities through land use agreements or short term license of TVA land



WIIN Act of 2016

- On December 16, 2016, the Water Infrastructure Improvements for the Nation Act of 2016 (WIIN) was enacted.
- Title IV Sec. 5003 of the WIIN Act amends section 9 of the TVA Act of 1933 to allow recreational access for floating cabins at TVA reservoirs.
- The Board is authorized to allow the use of floating cabins indefinitely if maintained by the owner to reasonable health, safety, and environmental standards as required by the Board, and the owner has paid any fee assessed that is necessary and reasonable for ensuring compliance.
- Removal of non-compliant structures cannot be required for 5 years if the floating cabin was never permitted by TVA, and 15 years for floating cabins originally approved in a TVA permit before 1978.

Floating Cabins – Next Steps

- Publish brief proposed Section 26a rule amendments to: Redefine nonnavigable houseboats and floating houses as floating cabins; prohibit new floating cabins after December 16, 2016.
- Develop proposed standards and more detailed rule amendments in collaboration with external stakeholder team in 2017. Final rules and permitting process will be implemented later. Interim permits will be issued for existing floating cabins in the meantime.
- Evaluate floating cabin ground fault protection costs and implementation methods through test installations at selected marinas.
- Visit all marinas and inventory all floating cabins in calendar year 2017.

Cultural Resources Stewardship

Collaborate to protect cultural resources and increase awareness of protection needs

- ✓ Over 11,500 identified archaeological sites across the Valley
 - Host Hiwassee Island Field School to train federally recognized tribes on archaeological field techniques
 - Host representatives from 18 federally recognized Indian tribes to discuss efforts to protect Native American archaeological resources found in the Tennessee Valley
 - Continue to repatriate Native American burial remains and funerary objects excavated from TVA lands



Nuisance Aquatic Plant Management

Identify and manage nuisance aquatic plants in TVA reservoirs

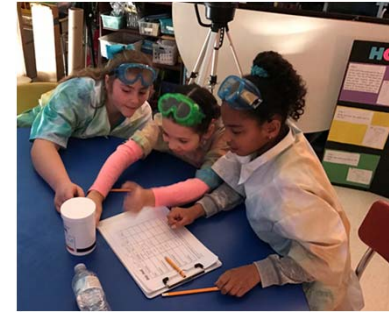
- ✓ 650,000 acres of reservoir surface area
- Serve as a national leader in aquatic plant management and partner with various local, state, and federal groups to ensure scientifically sound management in the TVA region
- Manage aquatic plants in developed public access areas valleywide
- Assist power facilities in management efforts to prevent and mitigate impacts
- Initiate public education efforts to inform stakeholders of the complexities inherent in aquatic plant science (i.e. Plant Camp, Aquatic Weeds mobile application and website, aquatic plant ID cards, and outreach events)



Public Outreach and Information

Collaborate to increase awareness and appreciation of resources, and create opportunities for community involvement in resource stewardship

- ✓ Support partnerships throughout the Power Service Area and watershed
 - Provide environmental education programs with schools, state parks and others
 - Encourage clean water practices through the Tennessee Valley Clean Marina
 - Promote sustainable camping through the Tennessee Valley Camp-Right



Water Resources Stewardship

Collaborate to protect and improve aquatic habitat in the Tennessee River watershed

- ✓ Tennessee River watershed ~ 41,000 square miles, high in aquatic biodiversity
 - Improve aquatic habitat in the Paint Rock Watershed
 - Reintroduce selected mussel species to the Powell River
 - Protect and Improve water quality and habitat through the Tennessee Buffer Initiative



Land, Wildlife and Habitat Management

Collaborate to enhance wildlife habitat and resources conditions of public lands and waters

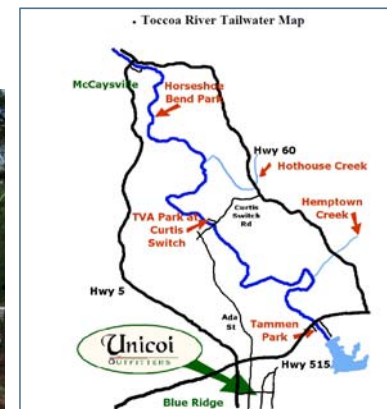
- ✓ 293,000 acres of reservoir lands to manage
 - Manage thousands of acres of forests and natural grasslands and open lands for wildlife habitat including non-game and games species
 - Restore biological communities such as barrens and Shortleaf Pine forests by managing invasive species and utilizing prescribed fire to create desired habitat conditions
 - Work with conservation partners to protect rare species and their habitat



Commercial and Public Recreation

Collaborate to enhance recreational opportunities and accessibility on public lands

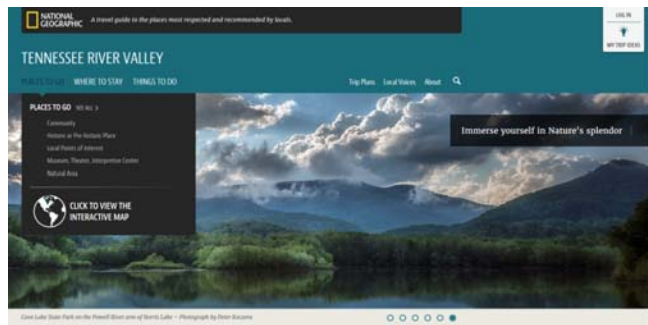
- Enhance TVA Dam Reservations and reservoir lands including 12 TVA campgrounds, over 80 public recreation areas (boat ramps, picnic areas, beaches) ,over 80 stream access sites and approximately 150 miles of trails across the Tennessee Valley
- Partner with Local, State, and Federal Partnerships to enhance and improve public recreation
- Manage Commercial and Public recreation agreements (campgrounds, marinas, public parks)



Eco-Tourism

Collaborate to promote and enhance recreational opportunities to support tourism and local economies

- Support regional planning efforts and tourism studies
- Expand and promote the National Geographic Geo-tourism interactive MapGuide (www.tennesseevalleygeotourism.org)
- Develop mobile application for the Tennessee Valley Water Trails interactive web site to promote water-based recreation (www.tnvalleywatertrails.org)
- Partner with regional tourism offices to distribute TVA's Adventure Guide and Trails books





BREAK TIME





Introduce Advice Topic

Bucky Edmondson, Director
Natural Resources



Advice Questions

1. What additional ways could TVA help communities throughout the power service area establish/increase nature-based tourism or ecotourism?
2. What criteria or considerations should TVA use to determine the balance between commercial/ special events and maintaining an area open (free) for general public use?
3. What types of events should TVA consider allowing on TVA managed public land?



Economic Development Overview

Millie Callaway Parkes
Senior Program Manager

June 6, 2017

TVA Mission

TVA was created more than 80 years ago to serve the public and to make life better for the people of the TVA region. We carry out that mission through our work in:

- Energy
- Environment
- Economic Development

We serve the people of the Valley with our core values of safety, service, integrity, accountability and collaboration. Every day our goal is to be safer, to work more efficiently and to deliver better service.



TVA Economic Development

ATTRACT
NEW COMPANIES
& INVESTMENTS

ENGAGE
COMMUNITIES & INDUSTRIES

SERVE
WITH PARTNERS
FOR ECONOMIC GROWTH



Attract

Recruit
Companies and
Investments

Project
Management

Product
Development

Marketing and
Communications

TVAsites.com

Engage

Valley Incentive
Programs

Community
Development

Young Talent Initiative
& Community
Livability

Research

Technical Services

Serve

Economic
Development
Organizations

Local Power
Companies

Regional Partners

State Partners

Federal Partners

TVA Region

Performance Highlights

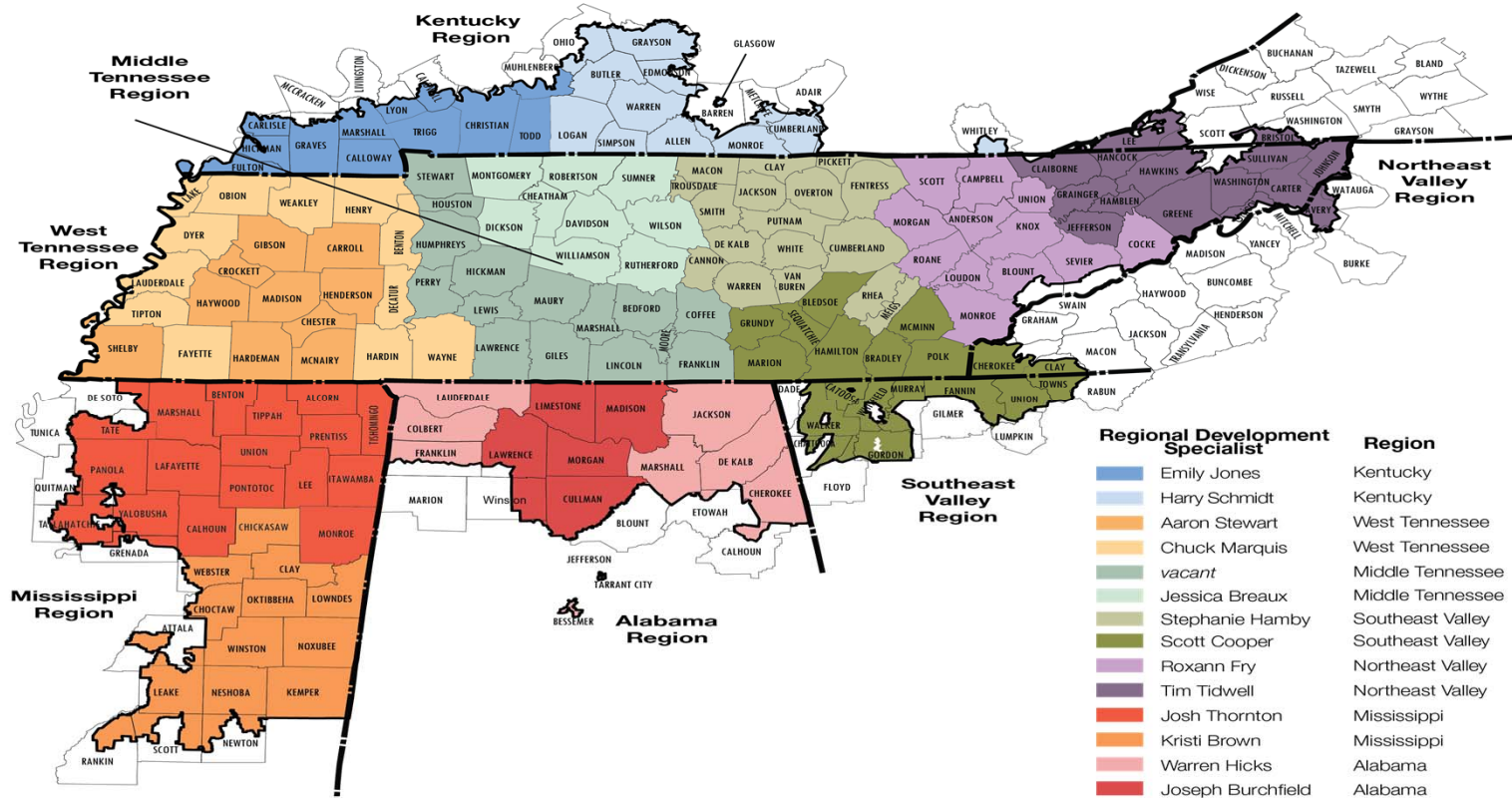
		Jobs	Capital Investment	
FY 2011	●	43,000	\$4.9 billion	●
FY 2012	●	48,000	\$5.9 billion	●
FY 2013	●	52,000	\$5.0 billion	●
FY 2014	●	60,300	\$8.5 billion	●
FY 2015	●	76,200	\$7.8 billion	●
FY 2016	●	72,100	\$8.3 billion	●
FY 2017 thru April	●	49,500	\$4.9 billion	●
Total	●	401,100	\$45.3 billion	●

Attract

Target Industry Sectors



Attract: Regional Development Specialists



Attract

Product Development

InvestPrep™

Megasites

Legacy Sites

TVA desires to commit InvestPrep™ funds where:



clear market-driven
need is evident



matching financial
participation is available



probability of Return on
Investment is high (new job
creation and capital investment)

Attract

Marketing & Communications

TVAsites.com

relationship
marketing

brand
management

Promote and help sell the Valley:



support
recruitment efforts



internal and external
communications



community
assistance

Engage

Valley Incentive Programs

Investment Credit



Performance Grant



Loan Funds



Security Deposit Coverage



Engage

Community Development

improving the
community &
preparing for the
prospect



enhancing the
economic
development
organization

customized training
& assistance

Offerings

- Valley Sustainable Communities
- Leadership training
- Website evaluations
- Facilitation services
- Program of work planning assistance
- Proposal development

Engage Research

utilize numerous
public and
subscription
sources/databases

provide summaries,
maps and detailed
data



analyze data to help
clients understand
the strengths of the
site and region

customize research
to meet specific
needs

Engage

Technical Services

engineering and
design services that
help identify and
market
sites/buildings



Offerings:

- GIS-based mapping services
- Site evaluations
- Site development plans
- Photographic renderings
- 3D modeling

Serve

Teamwork with Partners

local power
companies

economic
development
organizations

state agencies

regional partners



federal partners

**THE VALLEY
WORKS**



TVAsites.com



[TVAed](#)



[TVA Economic Development](#)



Benefits to Outdoor Tourism and Recreation supported by TVA Land and Water Management

June 2017

Jerry Fouse, Natural Resources



Benefits to Outdoor Tourism from TVA Land and Water Management

- Outdoor Recreation and Ecotourism – Overview
- Economic Impact of Recreation on TVA Reservoir System (University of Tennessee)
- Targeted Communities and Partnership Opportunities



TVA's Mission of Service

*TVA exists to make our region
the best place in the country
to live, work and play.*



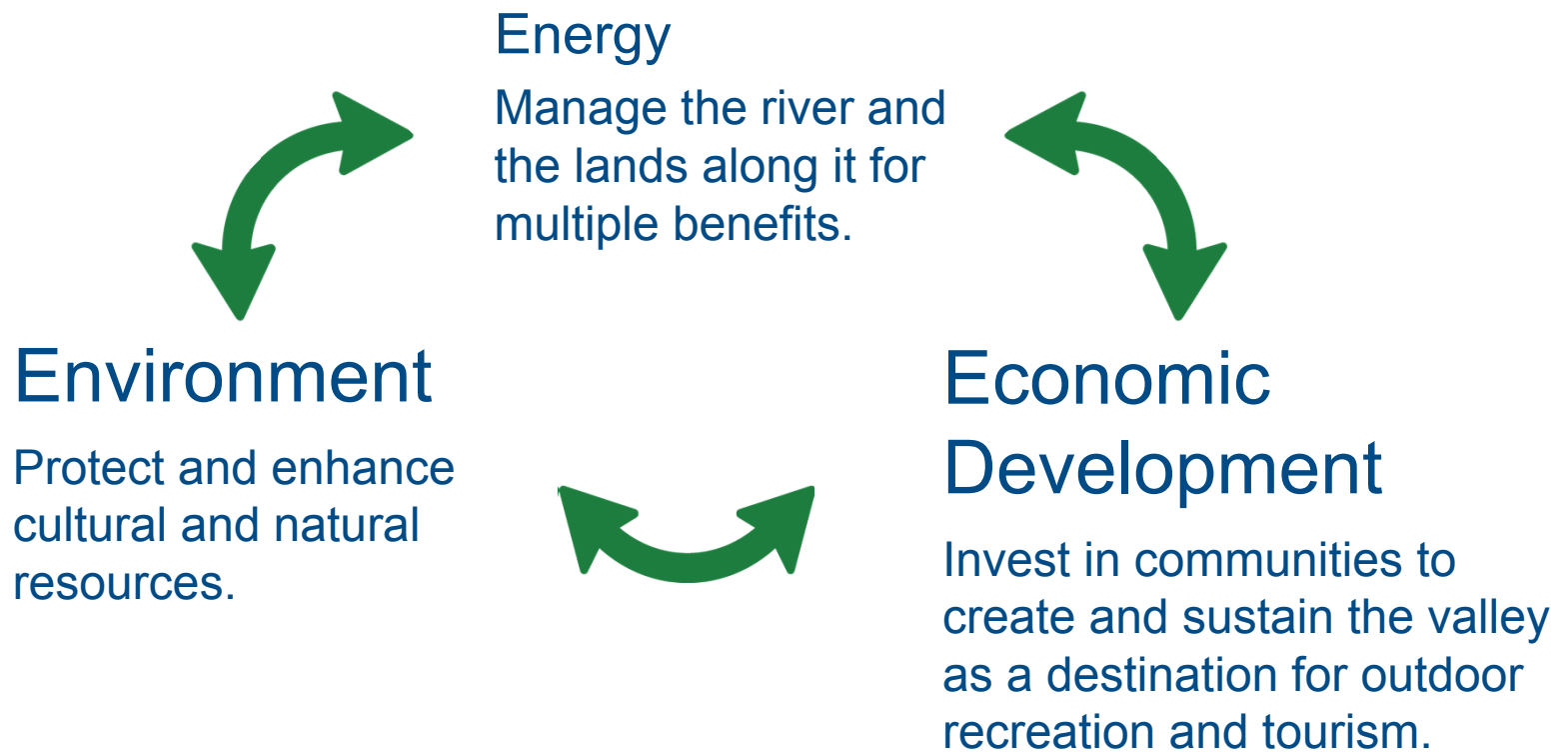
TVA's Mission of Service

Best place to Live, Work and Play

Threefold mission:

- Provide clean, reliable energy at the lowest possible cost.
- Maintain environmental sustainability and provide good recreational opportunities for the people of the Tennessee Valley.
- Diligently support economic development activities that draw new jobs and investment to the region, or help companies stay here and grow.

TVA Land and River Management





Benefits to Outdoor Tourism and Recreation from TVA's Land and Water

Making the Valley a Great Place to Live, Work and Play

- River Scheduling
- Tailwater Oxygenation
- Land Availability by Zones for all Demographic Levels
- Federal, State and Community Support and Partnerships
- Ecotourism Studies
- Hunting and Fishing (Hatcheries)
- Wildlife Viewing Opportunities
- Destination Water and Land Trails (e.g., paddling, mountain biking, and hiking)



Recreation Use and Economic Impacts at TVA Reservoirs

Dr. Neelam C. Poudyal, Ph.D.
University of Tennessee

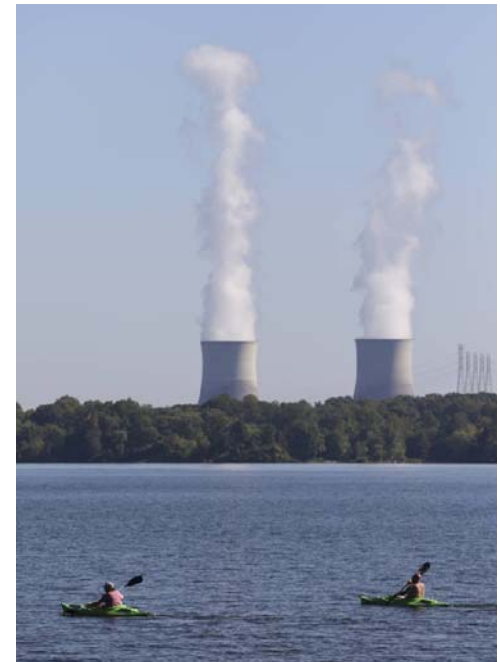
Recreation Use and Economic Impacts at TVA Reservoirs

Select Summary of Results from Poudyal et al. 2017



Introduction

- Need for a good understanding of:
 - Pattern and trends in use (participation, recreation user days, etc.)
 - Management needs and satisfaction with amenities
 - Economic impacts created by recreation expenditure from onsite visitors and shoreline property owners



Objectives

- Provide estimates of the recreation use including users and activity days for sampled reservoirs.
- Obtain estimates of the expenditure and economic impacts generated by the recreation visitors for sampled reservoirs.
- Provide estimates of the reservoir/system-wide totals for recreation use including users, activity days and economic expenditure.
- Assess reservoir users' attitudes and satisfactions with various aspects of reservoir amenities (e.g., water quality, fish, parking, boating density, etc.).

Study Area

- Three reservoirs were selected:
 - Chickamauga (CH)
 - Norris (N)
 - Watts Bar (WB)
- Main stem vs. tributary
- Rural-urban location
- Distance from major population centers
- A priority on the level of use

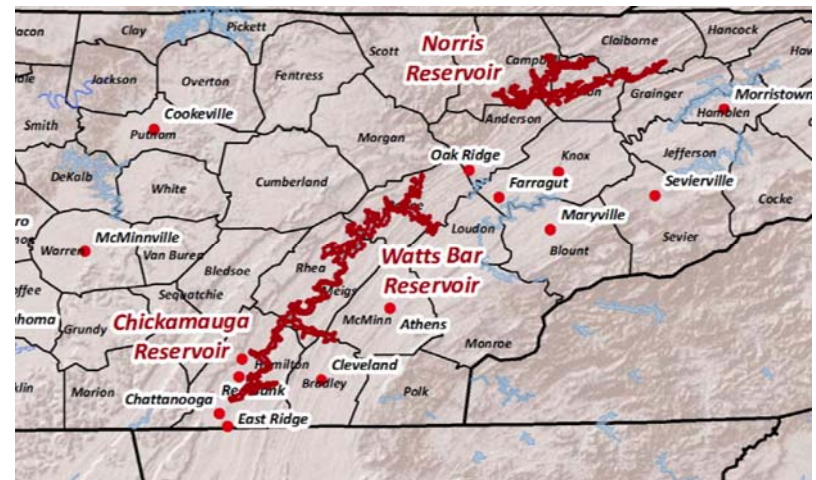


Data Collection

1. On-site survey of visitors at public access points
 - Multi-stage sample plan
 - Memorial Day Weekend through Labor Day Weekend 2016
 - Total of 667 surveys were received
2. Mail survey of reservoir property owners
 - Survey (with personalized letter) and a follow-up
 - 1,000 mailed for each reservoir
 - Total of 476 surveys were received

Data Analysis and Extrapolation

- Sample Statistics
 - By Strata and Reservoir
- Economic Impact Analysis at each Reservoir
 - Economic multipliers of output, jobs, income, state/local taxes (Input-Output analysis)
 - Direct, Indirect, Induced Effects (25 miles)
 - IMPLAN program
- Extrapolation to the Entire System
 - Based on weighted mean impact per shoreline mile



Key Results: Recreation Activities and Concerns

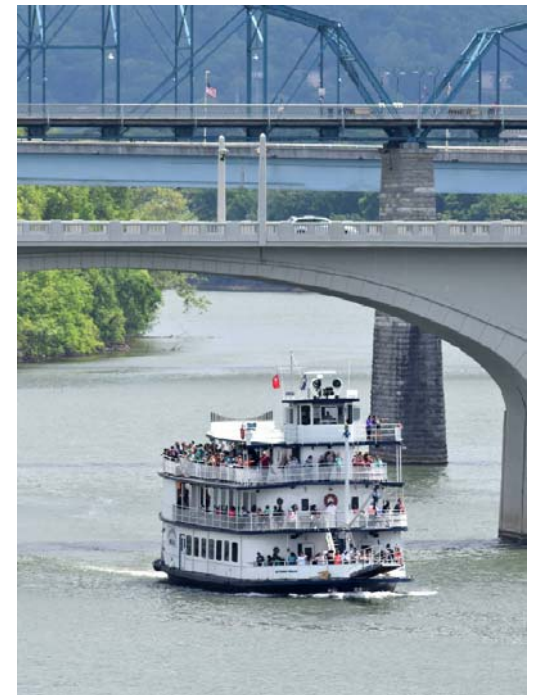
- Top three recreation activities: Pleasure boating, Fishing (from boat and shore) and Swimming
 - Water-skiing/tubing more popular in Norris.
 - Camping and wildlife viewing more popular respectively in Watts Bar and Chickamauga.
- Perceived crowding and problems
 - Perceived crowding: not a major issue on any reservoir studied.
 - Higher crowding perceived at parking lots, boat launch areas/ramps, developed campgrounds and marinas more than at fishing piers and undeveloped sites.
 - Top 3 problems rated: litter, speeding watercrafts/jet skis, and personal watercraft “play” activities.
 - Bank erosion and nuisance aquatic plants were major issues in Chickamauga and Watts Bar.

Key Results: Recreation Constraints

- Top constraints to visiting TVA reservoirs more often
 - Too cold air temperature
 - Too cold water temperature
- Also frequently mentioned:
 - Water levels (higher proportion of property owners mentioned this)
- Crowding at sites or access to water were rarely mentioned as constraints

Key Results: Management Improvement to increase recreation use

- Public access users
 - 46% nothing
- Private access users
 - 32% nothing
 - 53% increase water level
- Frequently mentioned (across reservoir)
 - Increase water level
 - Increase fish stocking and variety
 - Maintain public restrooms



Key Results: Satisfaction

- Public access users (80% satisfied)
 - 56% completely satisfied
 - 24% somewhat satisfied
- Private access users (74% satisfied)
 - 27% completely satisfied
 - 47% somewhat satisfied



Results: Recreation Use (TVA System)

- Direct Spending: \$3.77B Annual Avg.
 - \$351,971 per shoreline mile
 - USACOE system \$324,968 per shoreline mile
- Public and Commercial Access site users \$3.13B Annual Avg.
- Private Access users \$638.6M Annual Avg.



Results: Recreation Use (TVA System)

- Annual Average Economic Impact per shoreline mile \$1.1M:
 - Public and Commercial Access site users (\$1M)
 - Private Access users (\$96.6K)
- Annual Average \$11.9B with \$917M State and Local Taxes (10,720 shoreline miles)



Take Away Points

- TVA reservoirs remain popular recreation and tourism destinations
 - Sustain outdoor and cultural heritage
 - Provide social fabric for citizens
- Recreation activities have substantial economic impacts
 - Industrial output, jobs, labor income, state/local taxes
- Recreation users are currently satisfied with amenities
- Some concerns
 - Nuisance aquatic plants and shoreline erosion (threaten real estate, outdoor recreation industry, etc.)



Future Directions

- Characterize use and economic impacts of TVA
 - Back Country/Dispersed Recreation
 - Stream Access Sites
 - Reservoirs with National Forest
- Quantify and estimate value for
 - Ecosystem services (flood control, carbon sequestration, etc.)
 - Increased value of real estate and resulting tax contribution to local counties/cities
- Invasive species management
 - Homeowners attitude and willingness to manage/pay
 - Help develop partnership mechanism to fund control programs

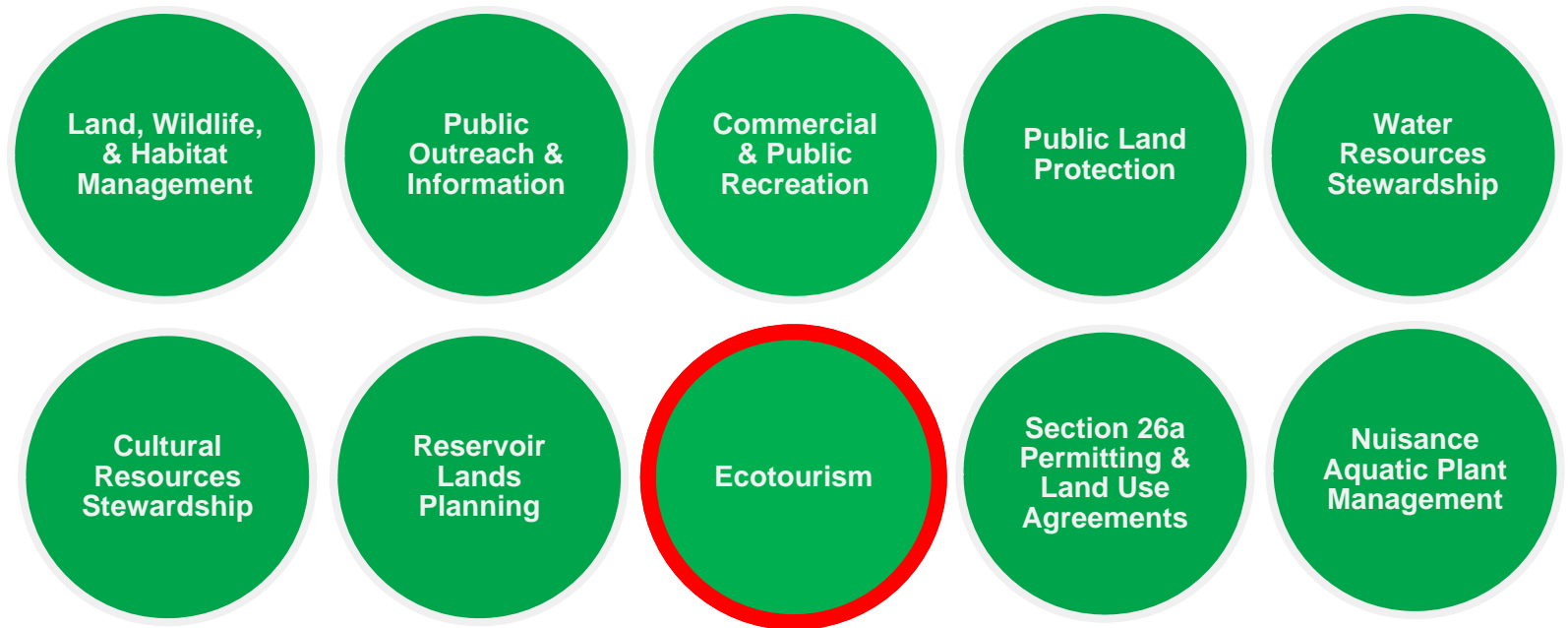


Benefits to Outdoor Tourism and Recreation supported by TVA Land and River Management

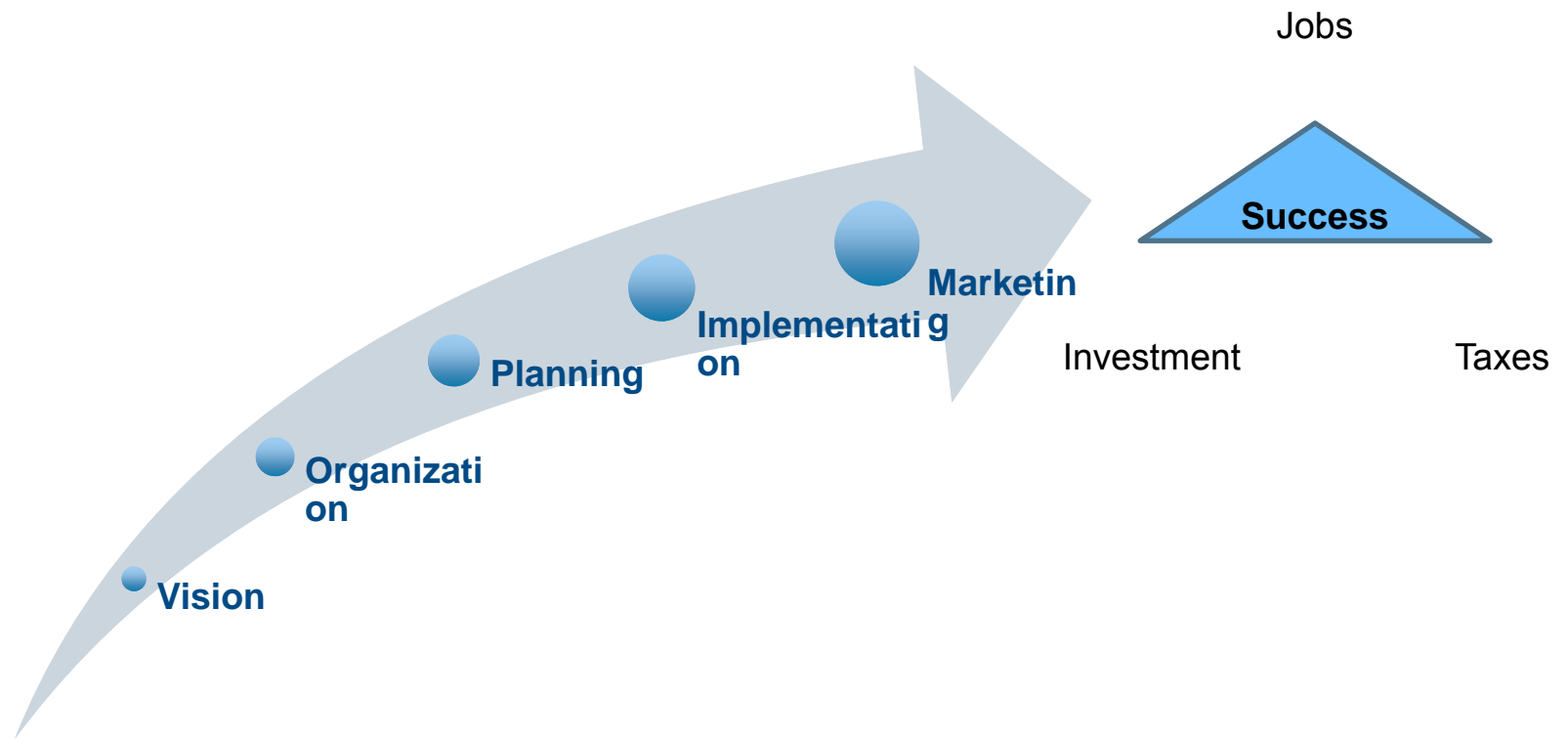
June 2017

Jerry Fouse, Natural Resources

TVA Natural Resources – Focus Areas



Opportunities for Support





Target Communities

- **Federal and State Land Communities** – Mountain Reservoirs, Ocoee River (areas surrounded predominately by Federal Land)
- **Rural or Remote Communities** – North Alabama and West Tennessee
- **Diversified Areas within the Power Service Area** – Memphis, Nashville, and Rural Areas



Opportunities in Target Communities

- **Federal and State Land Communities** – limited land available for commercial development and limited tax base for community infrastructure development
- **Rural or Remote Communities** – limited public visibility and limited resources and topographic constraints
- **Diversified Areas within the Power Service Area** – limited TVA resources in areas with existing built-out infrastructure or remote areas with limited resources and infrastructure



Opportunities for Assistance

- Planning
- Outreach and Promotions
- Project Implementation
- TVA Managed Land
 - Residential Shoreline Development
 - Dam Reservations
 - State and Local Parks
 - Commercial Recreation
 - Wildlife Management / Waterfowl Areas



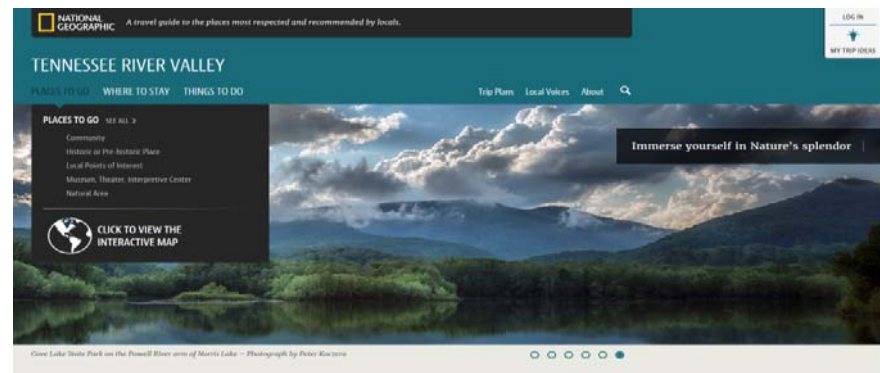
Planning

- 2014 Initiative to support impacted communities of North Alabama (Colbert, DeKalb, Franklin and Jackson Counties)
- Developed ecotourism community planning scope of work as vetted with state tourism offices and universities
- Attendance at focus groups and workshops facilitated by Auburn University for community business leaders and elected officials
- Sessions including entrepreneurship training and public/private partnership presentations

Outreach & Promotion

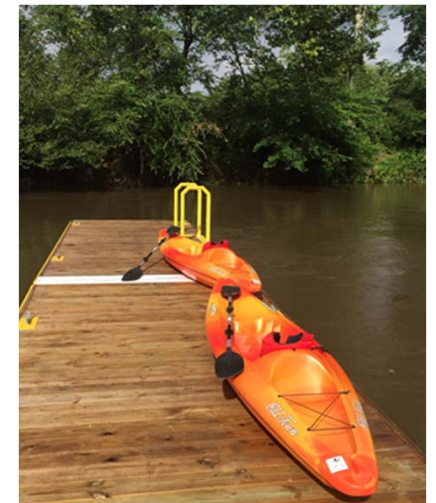


- Museum Exhibits
- National Geographic Geotourism Initiative
- Alabama Blueways / Scenic Rivers Support
www.alabamascenicrivertrail.com
- TVA Outdoor Guides



Project Implementation

- Community Boat Ramps and River Access Sites
- North Alabama Fishing Tournament Support
- Dayton Tennessee Waterfront
- Melton Hill Rowing Course
- Wolf River Access



TVA Managed Land

- Fishing Tournament Support
- TVA Dam Reservations
- Improved Tailwater Access
- Ocoee River Whitewater
- Dewatering Areas
- Alabama Scenic River Trail
- Appalachian Trail
- Support for Residential Shoreline Access





Examples of Special Events

Bucky Edmondson, Director

Special Events on TVA Reservoir Land

A **Special Use License** is used to authorize short-term special events proposed on TVA land when the applicant has neither access rights, nor rights of occupancy and use. This type of request is not subject to Sections 26a of the TVA Act.

The proposed activities would exceed those which all members of the general public are allowed to perform without obtaining TVA's advance written permission.

Examples:

- Running events
- Bike races
- Fishing tournaments
- Boat races
- School events
- Scouting events



Special Events on TVA Reservoir Land

Cross Country / Running Events



Event: Run for the Hills

Location: South Holston
Dam Reservation

Event Organizer: Sullivan
East High School

Special Events on TVA Reservoir Land

Bike Racing Events



Event: 25K and 50K
Mountain Bike Race

Location: Raccoon Mountain
Pump Storage Facility
Reservation

Event Organizer: SORBA
Chattanooga

Special Events on TVA Reservoir Land

Fishing Tournaments



Event: Carhartt Bassmaster College Series

Location: Cherokee Dam Reservation

Event Organizer: B.A.S.S. Bassmaster





Lunch Break

Meeting Adjourned for Today

Meeting will reconvene tomorrow, 6/7/17, at 8:30 AM



Regional Resource Stewardship Council

June 6 and 7, 2017
Knoxville, Tennessee



Agenda – June 7, 2017

8:30	Welcome and Recap	Lee Matthews, Facilitator
8:40	Comprehensive Land Plan and Future RRSC Topics	Bucky Edmondson, Director, Natural Resources
9:00	Prepare for Public Comment Period	
9:05	Public Comment Period	Matthews, Facilitator
10:05	Break	
10:15	Council Discussion / Form Advice	Matthews, Facilitator and Council
11:15	Wrap Up	Kennedy / Hoagland
11:30	Adjourn (lunch available for Council Members)	



Day 1 Recap

- Updates on River and Natural Resource Management
- Economic Development Mission of TVA
- Economic Benefits of TVA's Management of Public Land and Water



Reservoir Lands Planning and Future RRSC Topics

June 2017

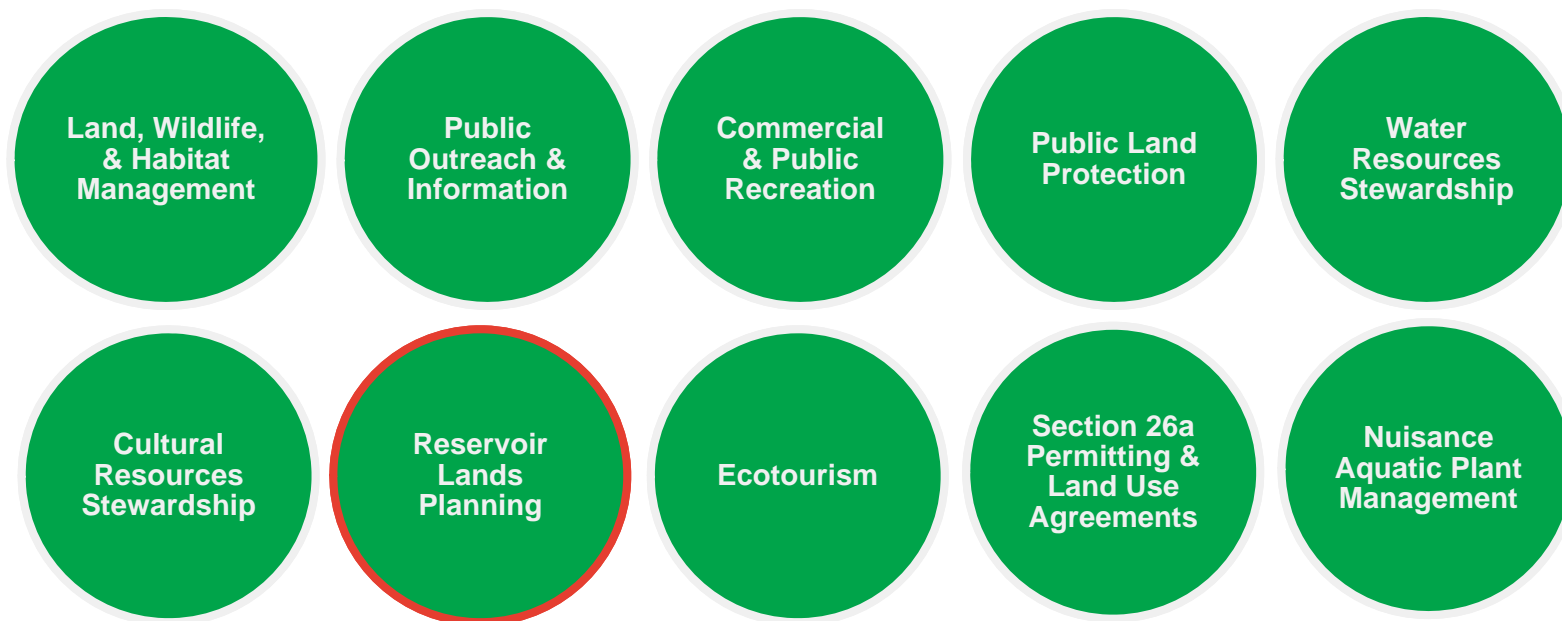
Bucky Edmondson, Natural Resources



Agenda

- Update to the Comprehensive Valleywide Land Plan and Multiple Reservoirs Land Management Plan
- Coming Soon ...
 - Public Land Protection Program
 - Update of the TVA Natural Resource Plan

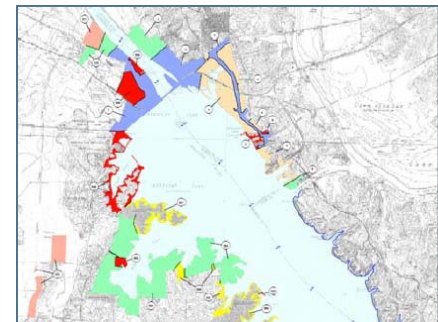
TVA Natural Resources – Focus Areas



Reservoir Lands Planning

Reservoir land management plans (RLMPs) provide a clear statement of how TVA intends to manage its public lands.

- RLMPs allocate TVA-managed land for specific uses consistent with applicable TVA policies, guidelines, laws and regulations
- RLMPs guide land use approvals, private water use facility permitting, and resource management decisions
- TVA considers public input during the planning process and completed RLMPs are adopted as agency policy



Reservoir Lands Planning Update

RRSC Guidance – September 2016

- Identify and engage stakeholders at multiple levels including internal and external to TVA and through a variety of methods including electronic media and social media.
- Hold regional public informational meetings and emphasize the broad based planning approach. Improve the announcement of the TVA meetings to include website, newspapers, and customer newsletters.
- Consider utilizing new group engagement techniques during the meetings.
- Make informational materials easily accessible and explain planning constraints in the simplest method possible.

Comprehensive Valleywide Land Plan – Next Steps

- Finalize Multiple RLMPs EIS and Update to Comprehensive Valleywide Land Plan Ranges
 - May through July 2017
- Issue Final RLMPs EIS and Notice of Availability in Federal Register
 - July 2017
- Final EIS submitted to the Board of Directors for approval
 - August 2017
- Issue Record of Decision in the Federal Register
 - September 2017

Looking Forward – Land Planning

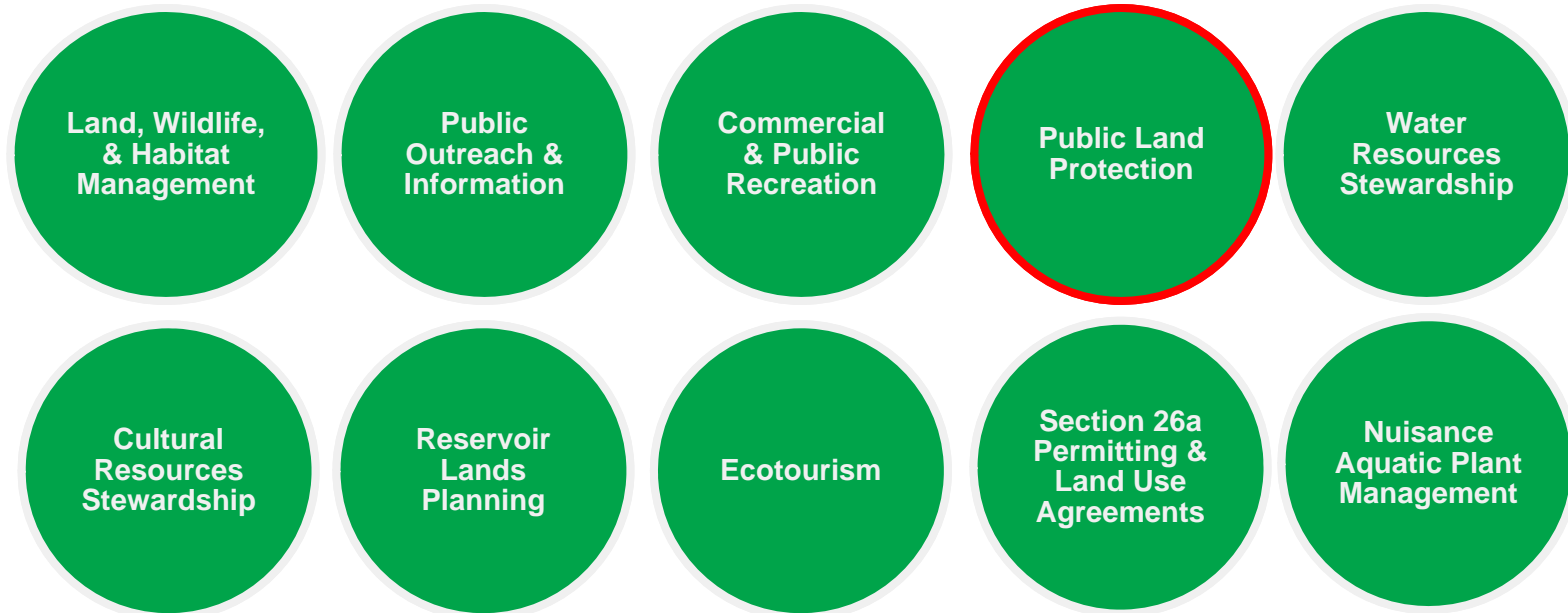
- Watts Bar RLMP and EIS supplement to address needed allocation changes to 6 parcels
- Develop and implement new Land Planning Strategy to evaluate and update RLMPs
- Off-cycle RLMP allocation changes
 - Updates to other RLMPs to address parcel allocation changes needed to address ingress and egress deed access rights, error corrections, and respond to public land use requests



Fall 2017 Preview ...

- Public Land Protection Program
- Update of the TVA Natural Resource Plan

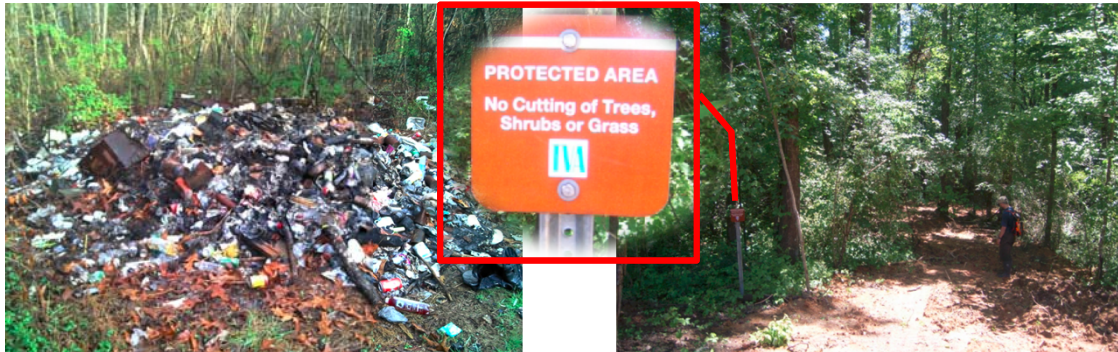
TVA Natural Resources – Focus Areas



Public Land Protection Program

Collaborate with the public and partners to be good stewards of the public lands and natural resources entrusted to us to manage and protect

- Develop a Public Land Protection Program to encompass efforts in education and outreach, policies and regulations, prevention, enforcement and resolution of violations and encroachments. Issues to address include things such as construction of houses on TVA property and destruction of public land (e.g. timber cutting, trash dumping).
- Develop a Board-approved Public Land Protection Policy to communicate appropriate use of TVA public land and enhance TVA's options for enforcement and resolution.



Public Land Protection Program

RRSC Guidance – September 2015

- Public lands continue to be valuable to the citizens that TVA serves.
- No net loss of public lands under TVA's policies.
- Address existing dwelling encroachments with a blend of existing regulations and flexibility.
- Pending a robust communication plan, all future encroachments should be handled with limited flexibility / a firm approach using existing mechanisms.
- Have clear guidance, be consistent, and treat all fairly when it comes to public land.

TVA Natural Resources – Focus Areas

Land, Wildlife,
& Habitat
Management

Public
Outreach &
Information

Commercial
& Public
Recreation

Public Land
Protection

Water
Resources
Stewardship

Cultural
Resources
Stewardship

Reservoir
Lands
Planning

Ecotourism

Section 26a
Permitting &
Land Use
Agreements

Nuisance
Aquatic Plant
Management

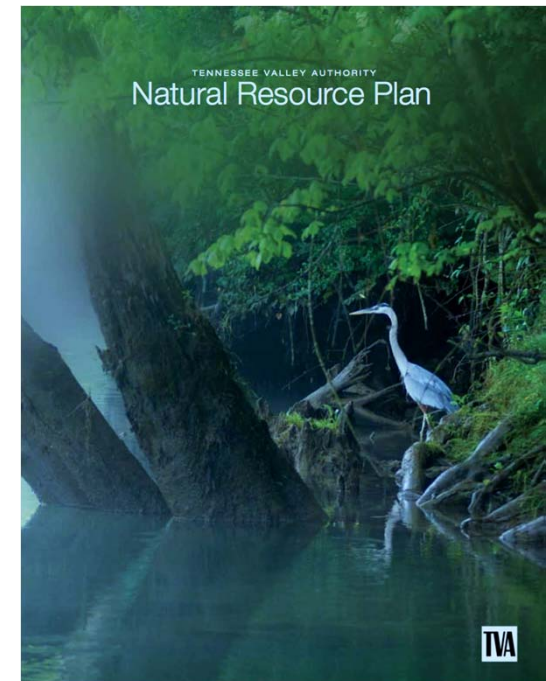


TVA Natural Resource Plan

- TVA developed the Natural Resource Plan in 2011 to guide its natural resource stewardship efforts. Implementation was intended to be over a 20-year period and periodically reviewed and updated.
- The goal of the plan is to integrate the objectives of the resource areas, provide for the optimum public benefit, and balance sometimes conflicting resource uses.
- The plan guides TVA in achieving the objectives of its Environmental Policy for a more systematic and integrated approach to natural resource stewardship.
- The NRP addresses TVA's management of biological, cultural, and water resources; recreation; reservoir lands planning; and public engagement.

TVA Natural Resource Plan - Update

- Update the NRP to better align with TVA's mission and vision, and enhance strategic guidance
- By the August 2017 Board meeting
 - Complete NRP Review
- In FY18
 - Execute comprehensive NRP update
 - Conduct National Environmental Policy Act (NEPA) review
 - Engage stakeholders and request input on proposed updates
 - Draft updated NRP based on NEPA and stakeholder input
 - Finalize and publish updated NRP







Short Break
Prepare for Public Comment Period

Public Comment Period

- **Public participation is appreciated**
- **This is a listening session; responses are typically not provided**





Time for a break



RRSC Discussion and Advice



Advice Questions

1. What additional ways could TVA help communities throughout the power service area establish/increase nature-based tourism or ecotourism?
2. What criteria or considerations should TVA use to determine the balance between commercial/ special events and maintaining an area open (free) for general public use?
3. What types of events should TVA consider allowing on TVA managed public land?



Wrap Up and Adjourn



Lunch



Thank you and please travel safely!