



Appalachian Landscape Conservation Cooperative

15 States

**14 National Forests
9 National Park Areas
6 Wildlife Refuges**

**3 FWS Regions
3 NPS Regions
2 EPA Regions**

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Jan. 2011 – last NPS/NAT briefing

Organizations & Partnerships

Interim
Steering
Comm.
(30)

3 regional
Partner-
ships

3 NGO
...

1 Tribal

11 State
...

(13) Fed
=>
6 Vote



Mission

WHAT Achieving **sustainable landscape-level conservation**

in the Appalachians

WHERE

through partnerships and shared resources

HOW

by

- **developing** common conservation **targets**,
- **enhancing** science-based management **capacity**,
- **integrating** landscape-level **planning**,
- **supporting** conservation actions and research as part of a **national network**, and
- **engaging** traditional and non-traditional **partners**, and the public at-large

New Conservation Equation:

Landscape-level Conservation =

SCIENCE

**ADDRESS
(science needs)**

&

MANAGEMENT

**BUSINESS MODEL
(organization / institution)**

&

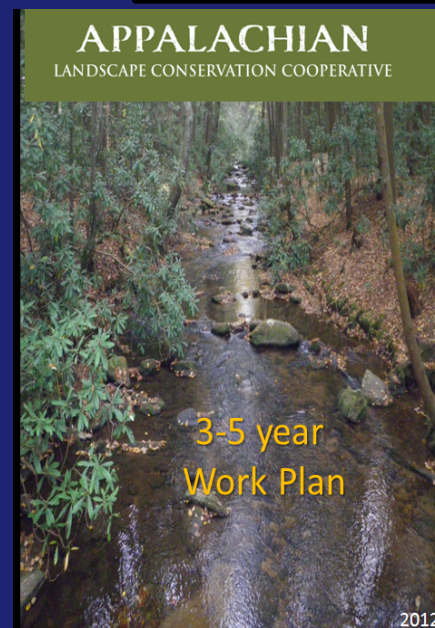
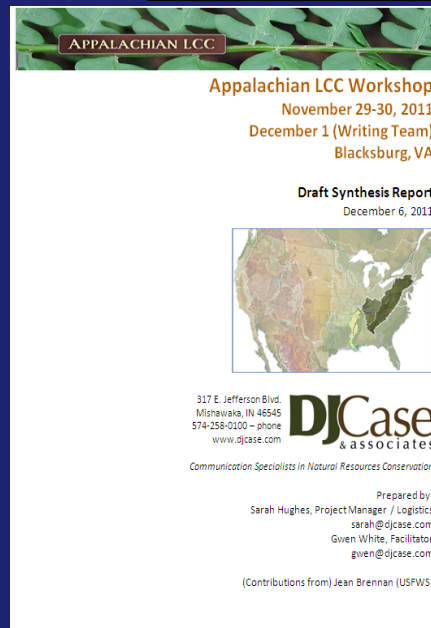
PARTNERSHIP

**ENGAGE
(‘fabric of society’)**

**Workshops
(Products & Process)**

**Nov ‘11
SN Workshop
Portfolio
&
Ann. Rev. - COP**

**July ‘12
SC Workshop
Work Plan
&
Ann. Rev. - SC**



Nov'11 Conservation Priorities Science Needs Workshop

--- Balance Representation

Profession	139
Managers	72
Researchers	67

Sector	%
Federal	43%
State (+Coop +CESU)	28%
Other (=NGO, Univ, Copr.)	28%

Total	Expertise /Profession	Total	North	South
44	Aq-Manager	26	11	15
	Aq-Researcher	18	11	7
42	Terr-Manager	23	13	10
	Terr-Researcher	19	8	11
14	CC-Manager	6	3	3
	CC-Researcher	8	4	4
25	Human Dim-Manager	12	7	5
	Human Dim-Researcher	13	10	3
14	IT-InfoMgmt-Manager	5	3	2
	IT-InfoMgmt-Researcher	9	4	5
	TOTALS	139	74	65

Research and Products

Nov'11 Science Needs Workshop => 151 Researchers & Managers

I. Aquatic Habitat Classification (2-yr)

"A Stream Classification System for the AppLCC" Anderson & Olivier TNC/ORNL

II. Ecological Flows (2-yr)

"Developing a Hydrologic Foundation and Flow-ecology Relationships for Monitoring Riverine Resources in the Marcellus Shale Region" Fisher/Cornell

II. Forecasting Energy Development (1-yr)

"Assessing Future Impacts of Energy Development in the Appalachians" Kiesecker & Dunscomb/TNC (note: this project will address coal, gas, and wind)

II. Climate Change Vulnerability Assessments (2-yr)

"Support for Understanding Land Use & Climate Changes in Appalachians" Young & Sneddon/NatureServe

III. Decision Support Tool: Climate Change & Restoration (1-yr)

"Web-Based Tool for Riparian Restoration Prioritization to Promote Climate Change Resilience (RPCCR) in Eastern US Streams" Nislow et al./FS

Strategic Direction

(to fulfill our mission: how we work / what we deliver to the partnership)

July'12 (3-Day) ISC Workshop => 3-5 year Work Plan

Goal 1 (data / tools) - Create and deliver a landscape-level data sharing strategy and scalable toolset

Goal 2 (planning / models) - Deliver landscape-level conservation plans for regional use

Goal 3 (reaching out) - Promote engagement and dialogue across the Appalachian LCC region

Goal 4 (working within) - Align conservation actions to achieve Cooperative Members' shared vision

Work Plan – Goals, Objectives

Goal 1 (data / tools) - Create and deliver a landscape-level data sharing strategy and scalable toolset

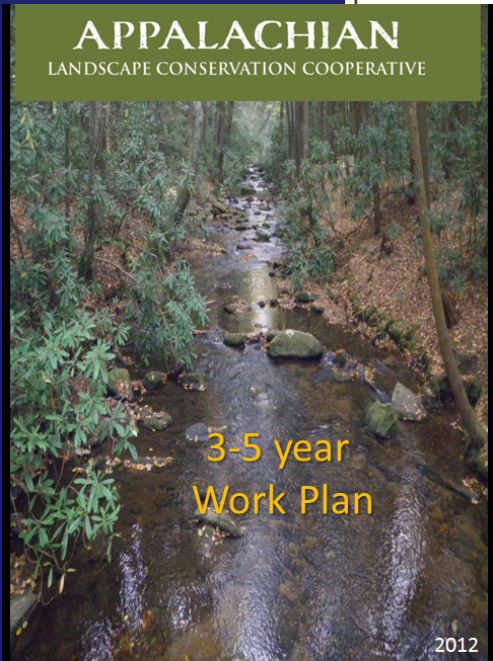
(example)

- 1.1 Conduct AppLCC data needs assessment
- 1.2 Develop data sharing policies
- 1.3 Provide science information, tools, and data support to existing habitat partnerships and JVs
- 1.4 Feed data to SWAPs and other partner plans
- 1.5 Manage Climate Science Center relationship
- 1.6 Lead data integration and standards creation
- 1.7 Develop a scalable landscape-level planning tools

Goal 1: Create and deliver a landscape-level data sharing strategy and scalable toolset

ex. structure & timeline

Objective	Action/Task	Action to be taken by:	Underway/ Initiated	Short (~18 mo)	Medium (yr 2-3)	Long (yr 4-5)
1.1 {4.05/ 1.1} Conduct AppLCC data needs assessment						
1.1.1	Assess the applicability of the neighboring LCC contract and survey instruments, as a model for identifying AppLCC data needs.	Staff				
1.1.2	Canvass and assess applicability of other LCCs efforts to identify data needs.	Staff				
1.1.3	Assess the scope of project (internal vs. contract) and make recommendation to Steering Committee.	Task group, contractor				
1.1.6	Create a "crosswalk" report to and validate identified science and data needs with member organizational priorities and AppLCC science needs portfolio.	Staff, Task group, contractor				
1.1.7	Develop scope of work needed to address or complete a needs assessment and initiate/fund needed work.	Staff, Task group, contractor				
1.1.8	Complete needs assessment for Steering Committee review.	Staff, Task group, contractor				
1.6.3	Operationally integrate standards and protocols into all data-driven tools and protocols that ensure interoperability of models (data outputs) and predictions between communities of modelers at appropriate levels.	Staff, Task group				



for more information contact & visit us at <http://www.applcc.org>

Staff



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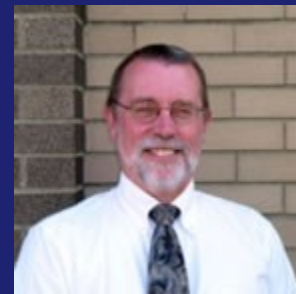
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Steering Committee



Chair
David
Whitehurst
VA DGIF



Vice-Chair
Paul
Johansen
WV DNR



LANDSCAPE CONSERVATION
COOPERATIVES