FY16 End of Year (2015-16) "Report Card" on the Work of the AppLCC to Advance its Goals and Objectives as Identified in the 2012-2017 "5-Year Work Plan"

Note: Steering Committee Ranked each Objective on a scale 1-5 (5 being the most important or most pressing objective) to be pursued. Those Objectives ranked in the 4s are highlighted in the table. Anticipated timeline and what staff/work group/contracting mechanism might be employed to achieve that Objective was provide at the initial drafting of the plan (prior to imposed budget cuts/sequestration and reduced staffing level.) If a task status appears blank it represents that efforts has not yet been directed toward addressing the task. Those identified as (ongoing) are to be updated annually.

Color & Text Key (below):

[box blank w/o text = not yet addressed]

[box in w/ Text = partially executed (or note if difficulty addressing task)]

[box filled-in BLUE = completed]

[box in GREEN = (flagged as work more appropriate to integrate into NEXT PHASE of LCC's evolution)]

Goal 1: Create and deliver a landscape-level data sharing strategy and scalable toolsets		
	Objective 1.1 Conduct AppLCC data needs assessment Ranking: {4.05 /Years 1.1}	
TASK 1.1.1	Assess the applicability of the neighboring LCC contract and survey instruments, as a model for identifying AppLCC data needs. Staff	FY13: Completed
TASK 1.1.2	Canvass and assess applicability of other LCCs efforts to identify data needs. Staff	FY13: Completed
TASK 1.1.3	Assess the scope of work required to generate a data needs assessment project (internal vs. contract) and make recommendation to Steering Committee. Work Group, contractor	FY13:Completed

TASK 1.1.4	Develop and define common language, standards and protocols (with consideration of National LCC Network efforts/integrate National LCC Data Mgmt. Group Recommendations while further defining data collection protocols and management). Staff (in collaboration with National LCC Data Management Work Group), Work Group	FY15: Completed & (ongoing): [staff POC: Jessica Rhodes]
TASK 1.1.5	Identify and analyze available data sets, methodologies and approaches relative to AppLCC landscape conservation planning. (ongoing) Staff, Work Group, contractor	FY15; Completed & (ongoing): [staff POC: Jessica Rhodes]
TASK 1.1.6	Create a "crosswalk" report to validate identified science and data needs with member organizational priorities and AppLCC science needs portfolio. Staff, Work Group, contractor	FY14/15: Phase I Model Completed (part of FY14 RFP-Phase I modeling & NS Climate Data) & (on-going): Phase II to integrate IAA datasets & Oak Ridge Urbanization data) FY16: Completed (a) Under FS-IAA, include detailed datasets regarding "Ecosystem Services Benefits & Risks". (b) Under NatureServe, complete Climate and Land-use Vulnerability Assessment. (c) completion of Cave/Karst Classification and mapping (d) Supplemental funding to Clemson Phase I study – on Aquatic Resources (TRB) as focal study for wider Aquatic integrity analysis as Phase II modeling (TB Completed Sept. 2016).
TASK 1.1.7	Develop scope of work needed to address or complete a data needs assessment and initiate/fund needed work. Staff, Work Group, contractor	FY13: Completed
TASK 1.1.8	Complete data needs assessment for Steering Committee review. Staff, Work Group, contractor	FY14: Completed (FY12 RFP)
TASK 1.1.9	Formalize a strategy and timeline to address gaps based on data needs assessment. Actions to address needs will be added to relevant Goal/Objective. Steering Committee	FY14: Completed (FY12 RFP)

	Objective 1.2 Identify and craft "a way forward" to overcome concerns about data sharing Ranking {3.7 /Years 2.2}	
TASK 1.2.1	Engage in National LCC data needs discussions/ approaches to sharing data and report on how to integrate findings. Staff, Work Group	FY15: Completed & (ongoing): [staff POC: Jessica Rhodes]
TASK 1.2.2	Assist efforts to assemble each SC member organizations' existing data protocols, data sharing contracts/agreements, and data sensitivity issues (see 1.2.4). Steering Committee (with Staff support), contractor	FY14/15: Completed
TASK 1.2.3	Develop model agreements for data sharing. Staff, Work Group, contractor	FY14/15: Completed
TASK 1.2.4	Develop a concise and transparent data sharing policy (defining "Whys" and "Hows" of data sharing) and submit to full Steering Committee for approval and adoption. Steering Committee (or Work Group)	FY14/15: Completed
	Objective 1.3 Provide science information, tools, and data support to the existing habitat partnerships and joint ventures Ranking {3.9 /Years 2.0}	
TASK 1.3.1	Identify, and annually review, the most immediate science needs to receive support. (ongoing) Staff facilitate Work Groups (= COPs) (SN Workshop Nov '11)	FY13 update (ongoing): Completed FY14 update: directed funding SC FY15 update: directed funding SC
TASK 1.3.2	Deliver findings and products (see 1.3.1) to the conservation and land use community. (ongoing) Staff, contractor	FY14/15: Completed & (ongoing)
TASK 1.3.3	Create effective and ongoing linkages and introduction of new learning, knowledge, and tools between LCCs and other large landscape efforts. (ongoing) Staff / (Web portal)	FY13 update (ongoing): Advancing the work

TASK 1.3.4	Facilitate creation of new COPs, and develop and sustain ongoing dialogue, learning, and engagement between and among all COPs to share information with the broader AppLCC community. (ongoing) Staff facilitation Work Group (= COPs)	FY13 initiated & (ongoing)
TASK 1.3.5	Establish and support the ongoing work of experts (Integrated Landscape Planning Team) to assess landscape level science and planning needs. (ongoing) Staff facilitate Work Group	FY14/15: initiated & (on-going)
	Objective 1.4 Synthesize regional information to support State Wildlife Action Plans (SWAPs) and other partner action plans Ranking {3.8 /Years 2.15}	
TASK 1.4.1	Create inventory, summarize, and maintain key information from all relevant SWAPs, AppLCC Regional initiatives, resource management plans, and partnership efforts. (ongoing) Staff, Work Group, contractor	FY14/15: completed (FY12 RFP) & (on-going) Note: updated/revised SWAPs still in review or early release
TASK 1.4.2	Report as a "cross-walk" analysis that identifies opportunities to better integrate Regional perspectives, the regional ranking/priorities within each State, and connect to AppLCC Region-wide ranking to help inform planning efforts. (Ranking is based on spatial and temporal land-use and climate change factors.) (ongoing) Staff, Work Group, contractor	FY14/15: Completed (FY12 RFP)
	Objective 1.5 Actively maintain close working relationships with the DOI Climate Science Centers ensuring on-going communication and research support toward addressing the science needs identified by the AppLCC Members and community Ranking {3.0 /Years 2.16}	
TASK 1.5.1	Help identify and set the research-support priorities through active participation in Climate Science Center planning, review and selection efforts. (ongoing) Staff	FY13 initiated & (ongoing) FY14/15: participation impeded -staffing limitations (Science Coordinator position vacant) FY16: with hiring of PT Assist. Coordinators. (Jan 2016) reengaged w/ both NE and SE CSC

TASK 1.5.2	Facilitate the exchange and distribution of research products to help inform the direction of landscape-level and regional initiatives (e.g., through electronic media, jointly-sponsored proposals, workshops, etc.) ensuring planning dialogue of the Cooperative Members, while supporting associated technical and scientific communities. (ongoing) Staff	FY13 initiated & (ongoing): Advancing the work via Web Portal Design/Programming FY14/15: In-person training and initiate on-line course development
TASK 1.5.3	Coordinating with the National LCC Network and the DOI National Climate Science Centers to facilitate the exchange and distribution of research products to find and develop the best tools for AppLCC needs. (ongoing) Staff	FY13 update (ongoing): Advancing the work via Web Portal Design/Programming FY14/15: participation impeded -staffing limitations (Science Coordinator position vacant) FY16: with hiring of PT Assist. Coords.(Jan 2016) reengaged w/ both NE and SE CSC
TASK 1.5.4	Participate in other national forums to establish national investments and product strategies. (ongoing) Staff and Steering Committee	FY13 update (ongoing): Chair & Vice-Chair Presentations at AFWA Annual Meetings FY14/15: Chair on LCC Council. Chair & Vice Chair w/ TNC Partners on Congressional Briefing (Energy RFP)
TASK 1.5.5	Facilitate efforts to identify, and assess long-term regional monitoring data sets that would also feed into the Science Centers efforts. <i>(ongoing)</i> Staff and Steering Committee	FY13 initiated & (ongoing) FY14/15: participation impeded -staffing limitations (Science Coordinator position vacant). Part-Time GIS Analyst began end of year. FY16: with hiring of PT Assist. Coords. (Jan 2016) reengaged w/ both NE and SE CSC. (on-going)
TASK 1.5.6	Coordinate with key research units and local universities to facilitate the exchange and distribution of research products to find and develop the best tools for AppLCC needs. Staff Objective 1.6 Develop a management	FY14/15: participation impeded -staffing limitations (Science Coordinator position vacant) FY16: with hiring of PT Southern Assist. Coord. in (Jan 2016) supported the TRB (& Southern Basins) Network of Science/Management COP.
	process for seamless data integration and more efficient and effective sharing of tool and data sets Ranking {3.7 /Years 2.2}	
TASK 1.6.1	Maintain alignment between AppLCC and National LCC data and tool sharing practices and policies (reference also 1.2.1). (ongoing) Staff	FY13 initiated & (ongoing): Advancing the work via Web Portal Design/Programming FY14/15: [staff POC: Jessica Rhodes] (on-going)

TASK 1.6.2	Develop comprehensive, long-term design for: (a) ongoing cost of data; (b) data capacity; (c) data and software maintenance; and (d) data warehousing technical support. Staff, Work Group, contractor	FY13 initiated & (ongoing): Advancing the work via Web Portal Design /Programming – and Networking our Partnerships via Companion & Nested sites through annual web portal contract. FY14/15: Note: other (proprietary system) being supported by neighboring LCCs through Data Basin (CBI) and Science Data (USGS). Require \$40K membership fee, data storage fee, limited design features, still requires staff/GIS LCC-staff to support. FY16: with National LCC Network interest in supporting DataBasin contracts etc., initiate migration of data, geospatial data, and tools into (DOI) ScienceBase and (CBI) DataBasin platform. Collaborative support for a Gallery on NALCC provided (outside of full DataBasin site. (on-going – reliant on membership fee + annual maintenance costs + staff GIS time to create and maintain.)
TASK 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, Work Group	FY14/15 Complete & (on-going) [staff POC: Jessica Rhodes]
	Objective 1.7 Develop and deliver a landscape-level (scalable) planning tools Ranking {3.65 /Years 3.6}	
TASK 1.7.1	Assemble common set of spatially explicit data layers based on LCC-consistent standards and definitions. (ongoing) Staff, Work Group, contractor	FY13 initiated (FY12 RFP) FY14/15: Completed & (ongoing)
TASK 1.7.2	Identify specific needs for more effective and/ or standard monitoring techniques /protocols across a large spatial scale (given the topography and endemism of the AppLCC landscapes). Staff, Work Group, contractor	FY16: This is integrated into the use of "representative (habitat) species" or "indicators" as part of the Landscape Conservation Design (LCD) produced – Phase I completed FY16, Phase II refinement (focus includes consideration of aquatic endemism) Modeling by Clemson University. (on-going – part of model refinement + adaptive management approach.)
TASK 1.7.3	Develop the framework for "next-generation monitoring" and data sharing at a Landscape-level planning scale Staff, Work Group, contractor	[NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III — LCD implementation => support of field-partners, conservation planning and delivery]
TASK 1.7.4	Further refinement (1.7.3) by documenting "best practices" and "lessons learned" for data delivery, which are consistent with LCC standards and definitions (e.g., data format, metadata etc.) Staff, Work Group, contractor	[NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III – LCD implementation => support of field-partners, conservation planning and delivery]

Goal 2: Delive	er landscape-level conservation plans for re	gional
	Objective 2.1 Conduct an overall threat assessment Ranking {3.75 /Years 1.6}	
TASK 2.1.1	Annually update AppLCC "Science Needs Portfolio" and develop "Top Ranked Science Needs" recommendations for SC consideration in guiding landscape planning priorities (reference 4.3.1) and decisions regarding expenditures of FY funds and/or other Member-sponsored capacity. (ongoing) Staff facilitate Tg(=COPs + Integrated Planning Team)	FY13 initiated & (ongoing) FY14/15: participation impeded -staffing limitations (Science Coordinator position vacant)
TASK 2.1.2	Initiate threats assessment by impact [energy, urbanization and infrastructure, and climate change, etc.] that will be required to be combined and integrated to generate an overall threats assessment (ongoing) Work Group, contractor	FY14 initiated [Energy Complete] FY14 initiated IAA with USFS/Southern Research Center Threats Assessment Center – to conduct AppLCC-region (a) threats and (b) environmental services assessment with geospatial reference data FY14/15: Phase I Model Completed (part of FY14 RFP-Phase I modeling & NS Climate Data) & (ongoing): Phase II to integrate IAA datasets & Oak Ridge Urbanization data)
TASK 2.1.3	Conduct an overall threats assessment that integrates all relevant impacts and projected changes over time. Contractor	FY14 initiated IAA with USFS/Southern Research Center Threats Assessment Center – to conduct AppLCC-region (a) threats and (b) environmental services assessment with geospatial reference data FY14/15: Phase I Model Completed (part of FY14 RFP-Phase I modeling & NS Climate Data) & (ongoing): Phase II to integrate IAA datasets & Oak Ridge Urbanization data) FY16: (a) Under FS-IAA, include detailed datasets regarding "Ecosystem Services Benefits and Risks". (b) Under NatureServe, complete Climate and Land-use Vulnerability Assessment.

	Objective 2.2 Identify requirements to address the human dimension components of land-use change, including preservation of cultural resources Ranking {2.7 /Years 1.6}	
TASK 2.2.1 CULTURAL	Identify relevant information to portray the human dimensions (cultural and social resources) in landscape-level planning. Contractor	FY16: (a) Under FS-IAA, include detailed datasets regarding "Ecosystem Services Benefits & Risks". (b) Under NatureServe, complete Climate and Land-use Vulnerability Assessment. (c) Supplemental funding to Clemson Phase I study – on Cultural Resources.
TASK 2.2.2 CULTURAL	Identify and integrate relevant cultural resource GIS Standards/Guidelines, (e.g.: GRGIS at National Parks Service; State recreational and Federal recreational plans; Economic development; Urbanization), along with other funds (e.g., Land and Water Conservation Funds/farm bill opportunities as appropriate) into landscape plans. (ongoing) Work Group (=Integrated Planning Team), contractor	FY13 update: initiated, staff-led working group FY14 update: NPS organized presentations at SC annual meeting & guest speaker on Culture & Energy (PA). FY16: Initiated study (PA) with PSU to identify appropriate Cultural Metrics – investigating it w/in PA initially, and then broaden under future funding across entire geography. (on-going)
	Objective 2.3 Identify promising opportunities to safeguard the "best of the best" fish and wildlife habitat and plant communities or ecosystems Ranking {4.4 / Years 1.75}	
TASK 2.3.1	Identify current or promising management investment opportunities that reflect conservation of the "best of the best" resilient habitat for fish, wildlife and plant communities, including opportunities to contribute to cultural preservation priorities and to reinforce the conservation of other social resources. Staff, Work Group (=COPs), contractor	FY13 initiated & ongoing: Note: at the 2013 (April) Steering Committee "Programmatic Alignment Work Group" session a subset of this task was proposed ("new") to identify "No Regret" conservation investments. FY14/15: Completed FY14 RFP/Modeling
TASK 2.3.2	[Note: evolving understanding warrants rephrasing] Develop a "dashboard decision support tool" that portrays these "best of the best" areas and opportunities to help Members maximize their conservation and resource investments. Work Group, contractor, with Staff support	FY14/15: Completed (As Research Deliverables – Story Maps) the Landscape Conservation Design (Priority Resources/Systems) displays. To be a DST – requires on-line training to use modeling output.

	Objective 2.4 Based on articulated conservation targets and objectives, identify and assess potential impacts of land use change on known or projected movement/ migration corridors Ranking {3.55 /Years 2.5}	
TASK 2.4.1	[Note: evolving understanding warrants rephrasing] Identify potential movement/migration corridors at appropriate level/unit (i.e. functional group, species /population /genetic level, given relevant geophysical variation, behavioral response etc.) Contract with Staff support	FY14/15 Completed (FY14 RFP Phase I LCD Modeling)
	Objective 2.5 Establish a structured decision-making process for the ongoing integration of existing partner plans to deliver landscape-level conservation planning Ranking {4.05 /Years 1.95}	
TASK 2.5.1	Determine which of the currently recognized structured decision/scenario planning/strategic prioritization process to be used and engage expertise as required. Work Group, contractor, with Staff support	FY13 initiated FY14/15: Completed under Phase I LCD with experts (58-60 engaged by PIs to help identify Priority Resources) & (on-going) via use of Technical Oversight Teams
TASK 2.5.2	Identify all key, relevant representatives (individuals and organizations) of regional community of practice, and actively engage and solicit participation in identifying common species/habitat priorities /shared values. Steering Committee Work Group (with Staff support)	FY13 initiated FY14/15: Completed under Phase I LCD with experts (58-60 engaged by PIs to help identify Priority Resources) & (on-going) via use of Technical Oversight Teams
TASK 2.5.3	Review and synthesize key information from existing conservation, land and resource management plans. Staff, Work Group, contractor "103 Report"	FY13 initiated FY14/15: Completed under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) via use of Technical Oversight Teams
TASK 2.5.4	Charge Work Group with crafting the framework and identifying the priority elements to be included in the integrated plans generated under 2.5.1 [SDM/Scenario Planning], and review of products. Work Group (with Staff support)	FY14/15: Completed under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by PIs to help identify Priority Resources) & (on-going) via use of Technical Oversight Teams
TASK 2.5.5	[Note: evolving understanding warrants rephrasing] Oversee an ongoing structured decision process that provides ongoing planning integration recommendations to the Steering Committee for use in conservation planning actions and for development of dashboard tools. Work Group (with Staff support)	FY14/15: Completed (As Research Deliverables – Story Maps) the Landscape Conservation Design (Priority Resources/Systems) displays. To be a DST – requires on-line training to use modeling output.

	Objective 2.6 Based on the underpinnings of resiliency, identify the management approaches to achieve, restore or enhance system integrity, function, and reflect the conservation prioritization and relative ranking of the systems Ranking {3.55 /Years 2.5}	
TASK 2.6.1	Establish and oversee an ongoing structured process that provides the Steering Committee recommendations for: (a) utilizing existing data to rank conservation targets, and (b) identifying data gaps and providing priority recommendations for closing. (ongoing) Work Group (=COP) with Staff support	FY14/15: Completed under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) via use of Technical Oversight Teams
TASK 2.6.2	Identify the components, function and relationships that define resiliency and management approaches to achieve, restore, or enhance system function. Contractor	[NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III — LCD implementation => support of field-partners, conservation planning and delivery]
TASK 2.6.3	Identify and rank the core areas, components and interrelationships that help and reinforce resilience. Continuously refine the details and status describing those areas based on threats and opportunities to help facilitate coordination and planning prioritization. (ongoing) Work Group (=COP) with Staff support, contractor	[NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III – LCD implementation => support of field-partners, conservation planning and delivery]
	Objective 2.7 Facilitate the use of natural resource indicators and surrogate species to inform landscape-level planning, identify and establish data needs and monitoring design that reflect management objectives and conservation targets. Ranking {3.05 /Years 2.7}	
TASK 2.7.1	Ensure adequate representation of the AppLCC expertise in relevant US Fish and Wildlife Service Regional [surrogate species] workshops and events. Staff and Steering Committee	FY14/15: Completed under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by PIs to help identify Priority Resources) & (on-going) via use of Technical Oversight Teams
TASK 2.7.2	Assemble or develop and adopt agreed upon vegetation of habitat classification systems and geospatially recognize areas of rare or unique ecosystems. Work Group (=COP) with Staff support, contract	FY14/15 (FY13 RFP) Aquatic Classification – Completed FY14/15: Completed under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) via use of Technical Oversight Teams

TASK 2.7.3	Assemble or develop and adopt agreed upon species classification and distribution data and geospatially recognize areas of rare and endemic species and unique habitats. Work Group (=COP) with Staff support, contract	[NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III – LCD implementation => support of field-partners, conservation planning and delivery]
TASK 2.7.4	Identify appropriate natural resource indicators and candidate taxa or surrogate species, and develop explicit population objectives or natural resource appropriate targets. Work Group (=COP) with Staff support, contract	FY14/15: Initiated under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) – (Targets) part of Phase II (RFP) AND [NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III – LCD implementation => support of field-partners, conservation planning and delivery]
TASK 2.7.5	Identify factors believed to be the most limiting to specific (surrogate species or targets) and identify monitoring efforts to track changes in these factors and response Work Group (=COP) with Staff support, contract	[NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III – LCD implementation => support of field-partners, conservation planning and delivery]
TASK 2.7.6	Develop species-habitat models to fully operationalize the integration of natural resource indicators and use of surrogate species measures across the AppLCC landscape-level planning, monitoring, and assessment. Work Group (=COP) with Staff support, contract	FY14/15: initiated under Phase I LCD (FY14 RFP) modeling & (on-going) as part of Phase II consultations
TASK 2.7.7	Further refine selection of indicators, species, and targets as needed. Staff, Work Group (=COP)	FY14/15: initiated under Phase I LCD (FY14 RFP) modeling & (on-going) as part of Phase II consultations
	Objective 2.8 Project future landscape conditions cumulatively/over time, based on best available science/scenarios, indicating probable patterns and changes Ranking {3.6 /Years 2.9}	
TASK 2.8.1	Consult with end-users/resource managers to determine what predictive tools are needed to support their work. Staff, Work Group, contractor	FY13 initiated (FY13 Cave/Karst research) FY16: Classification System & Mapping completed – still requires consultation and consideration of development of DST to deliver science information to end-users
TASK 2.8.2	Assess currently available predictive tools to determine if they meet needs identified under 2.8.1[managers needs], and evaluate tool functions, model assumptions, etc. for applicability to AppLCC needs. Staff, Work Group, contractor	FY14/15 Completed: FY13 Climate Change Vulnerability; FY12 Ecological Aquatic Flow (model); FY14 Phase I LCD Modeling.
	Stan, from Group, contractor	

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TASK 2.8.3	[Note: evolving understanding warrants rephrasing] Develop the Charter to guide the Integrated Planning Team (subset of COPs with expertise in landscape-level planning and modeling) to serve as a standing Advisory Team to support the work of Staff and facilitation of consultation and integration of assessments and recommendations from the various COP. (ongoing) Staff and Steering Committee	FY14/15: Initiated under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) – (Targets) part of Phase II (RFP) [NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III – LCD implementation => support of field-partners, conservation planning and delivery]
TASK 2.8.4	[Note: evolving understanding warrants rephrasing]	FY14/15: initiated under Phase I LCD (FY14
	Identify landscape-level models and articulate potential scenarios.	RFP) & with experts (58-60 engaged by PIs to help identify Priority Resources) & (on-going) – (Targets) part of Phase II (RFP)
	Work Group (see 2.8.3)	
TASK 2.8.5	Deliver freely accessible (open source) data outputs and products that will feed to desktop decision-support tool (e.g. focus on landscape level habitat/species mitigation opportunities).	FY13 initiated (Web Portal/GIS Data etc.) FY14 launch of GeoNode Server and the "Conservation Design" web site
	Staff support Work Group, contractor	FY14/15 Completed [staff POC: Jessica Rhodes]
TASK 2.8.6	[Note: evolving understanding warrants rephrasing] Assess data gaps and define an ongoing "futuring" process to fill knowledge gaps, monitor emerging trends, and adapt existing efforts. (ongoing) Staff support Work Group, contractor	[NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III – LCD implementation => support of field-partners, conservation planning and delivery]
	Objective 2.9 Provide guidance on how much habitat is necessary for sustainable/resilient (healthy ecosystem) outcomes	
	Ranking {3.0 /Years 3.7}	
TASK 2.9.1	Define and offer recommendations on what type and how much habitat is necessary for sustainable/resilient (healthy) outcomes and to achieve conservation targets. Work Group with Staff support	FY14/15: initiated under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) – (Targets) part of Phase II (RFP) [NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III – LCD implementation => support of field-partners, conservation planning and delivery]
TASK 2.9.2	[Note: evolving understanding warrants rephrasing] Develop tools and models to identify strategic opportunities (including integration of private lands into the broader conservation matrix). Work Group with Staff support, contractor	FY14/15: initiated under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) – (Targets) part of Phase II (RFP) Note: the naïve aspect here is the need to dedicate staff time to develop Networks of communities for that sort of Private-engagement. [NEXT LCC-PHASE / WORK PLAN: Envisioned for Phase III – LCD implementation => support of field-partners, conservation planning and delivery]

Goal 3: Create an on-going facilitated process to promote engagement and dialogue across the Appalachian LCC region		
	Objective 3.1 Create ongoing opportunities for dialogue and enhance capacity for sharing among Cooperative Members Ranking {4.9 /Years 1.6}	
TASK 3.1.1	Assemble a glossary of terms to ensure a consistent use of terminology in all internal	FY13: Completed - initial list included in the 5-Year Work Plan & (on-going)
	and external communications. Staff	
TASK 3.1.2	Maintain a list of communication staff/point-of-contact (POC) across the AppLCC area, and engage POC to enable conversations with Member organizations and partners about ongoing efforts (e.g., professional society meetings, organizational communication and public affairs officers and other communities of practice	FY13: Completed- initial list included in the 5-Year Work Plan & (ongoing) Ongoing activity includes coordinated messaging effort around funded products.
	Staff working with Steering Committee (began assembling list)	
TASK 3.1.3	Pursue grants/funding opportunities to support the development and integration of a new, webbased communication media: On-line 'brown bag' panel discussion and real-time digital dialog [elements of this new model come from earlier platforms, e.g., Yale 360, Cambridge Nights, TED talks, etc.]	Note: the naïve aspect here is the need to dedicate staff time (given limited staffing) or SC member organization staff. FY16: with hiring of PT Assist. Coords. (Jan 2016) potential deployed webex based approaches to LCD consultations. [NEXT LCC-PHASE / WORK PLAN: Envisioned]
	Objective 3.2 Define strategies to engage regional land development, water delivery, roads and energy sector representatives Ranking {3.4 /Years 1.8}	[NEXT LOC TITIOL / WORLT EARN. EINISTORICA]
TASK 3.2.1	Identify and prioritize existing opportunities to address these communities of practices at ongoing meetings and events.	FY13/14 initiated – work with TRB as a (Focal Landscape) in supporting the codifying a TRB Network.
	Steering Committee with Staff support	FY16: with hiring of PT Assist. Coords. (Jan 2016) initiated in both Northern and Southern subregions. <i>(on-going)</i>
		[NEXT LCC-PHASE / WORK PLAN: Envisioned]

TASK 3.2.2	Identify, prioritize and leverage opportunities to communicate to their constituencies and plug into their existing communications channels. Steering Committee with Staff support Develop and communicate messages to these communities of practice about how their existing efforts fit with the work of the LCC (and National Network) and how integral their work is in contributing to the consequence matrix.	FY13/14 initiated – work with TRB as a (Focal Landscape) in supporting the codifying a TRB Network. FY16: with hiring of PT Assist. Coords. (Jan 2016) initiated in both Northern and Southern subregions. (on-going) [NEXT LCC-PHASE / WORK PLAN: Envisioned] FY13/14 initiated – work with TRB as a (Focal Landscape) in supporting the codifying a TRB Network FY16: with hiring of PT Assist. Coords. (Jan 2016)
	is in contributing to the conservation matrix. (ongoing) Staff and Steering Committee	initiated in both Northern and Southern sub- regions. (on-going) [NEXT LCC-PHASE / WORK PLAN: Envisioned]
TASK 3.2.4	Define how broad and deep our reach needs to be (e.g., engaging county/municipal government and other civil society organizations) Steering Committee with Staff support	FY13/14 initiated – work with TRB as a (Focal Landscape) in supporting the codifying a TRB Network & Work with the PA Watershed (& Energy-related) Communities. FY16: with hiring of PT Assist. Coords. (Jan 2016) initiated in both Northern and Southern subregions. (on-going)
		[NEXT LCC-PHASE / WORK PLAN: Envisioned]
	Objective 3.3 Serve as the focal point for dissemination of regional information Ranking {3.7 /Years 2.1}	
TASK 3.3.1	Host an Annual Stakeholder Meeting as a listening and feedback session to reach/access the Steering Committee. (ongoing)	FY13 (SC recommended task removed): At the April 2013 meeting the full Steering Committee agreed to drop this reference in the AppLCC Charter due to limited operating funding level. FY14/15 A note: all SC annual meetings are open meeting.
	Objective 3.4 Communicate the human dimension benefits of landscape conservation in terms relative to human dimensions and values Ranking {4.4 /Years 2.2}	
TASK 3.4.1	Conduct a survey to identify key audiences and develop messages of concern to those groups (e.g., specific messages related to jobs, health, clean water, ecosystem services and cultural components, etc.) Work Group with Staff support, contractor	FY13/14 initiated – Staff participated with the TVA-TnAq sponsored initiative to help support codifying a TRB Network (survey part of the on-line registration) FY16: with hiring of PT Assist. Coords. (Jan 2016) initiate – both in the Northern (Central App Mts.) and Southern Apps & Associated River Basins. (on-going) [NEXT LCC-PHASE / WORK PLAN: Envisioned]

TASK 3.4.2	Communicate the impacts of major land use changes due to energy extraction, urban sprawl, and climate change. (ongoing) Work Group, contractor	FY 14/15: Assessing Future Energy Development Research and Outreach Landscape Conservation Design Research and Outreach Stream Impacts from Water Withdrawals Research and Outreach FY15: Ecosystem Benefits and Risks online clearinghouse for ecosystem services and threats information.
TASK 3.4.3	Utilizing appropriate social science tools and surveys, determine attitudes/values of target audiences and the most effective means to communicate with and engage those groups. Staff, Work Group, contractor	[NEXT LCC-PHASE / WORK PLAN: Envisioned]
Goal 4: Asse	ss and align conservation goals and actions t d shared vision	hat reflect the Cooperative Members'
Common and	Objective 4.1 Ensure LCC planning products are coordinated in consideration of Member goals Ranking {2.4 /Years 3.4}	
TASK 4.1.1	Objective 4.1 Ensure LCC planning products are coordinated in consideration of Member goals	FY14/15 instituted into LCD modeling & (ongoing) — part of annual meetings & partners' staff engagement in training and modeling research.

	Objective 4.2 Manage Cooperative Membership Ranking {1.5 /Years 3.8}	
TASK 4.2.1	[Note: evolving understanding warrants rephrasing] Identify strategic linkages and opportunities for Steering Committee representation or engagement. Steering Committee with Staff support, contractor	Note: the naïve aspect here is the need to dedicate staff time (given staffing limitations) or SC member organization staff. FY16: with hiring of PT Assist. Coords. (Jan 2016) initiate –Northern Asst. Coord (former SC member) taking this focus as part of SOW. (on-going) [NEXT LCC-PHASE / WORK PLAN: Envisioned]
TASK 4.2.2	[Note: evolving understanding warrants rephrasing] Define an engagement strategy for each identified opportunity that includes recruitment, expectations, and a formal agreement of cooperation for use with identified entities. Steering Committee with Staff support, contractor	Note: the naïve aspect here is the need to dedicate staff time (given staffing limitations) or SC member organization staff. [NEXT LCC-PHASE / WORK PLAN: Envisioned]
TASK 4.2.3	[Note: evolving understanding warrants rephrasing] Determine most effective means and most appropriate individuals for implementing the strategy [4.2.2]. Steering Committee	Note: the naïve aspect here is the need to dedicate staff time (given staffing limitations) or SC member organization staff. [NEXT LCC-PHASE / WORK PLAN: Envisioned]
	Objective 4.3 Be THE FORUM which integrates science and management to achieve landscape-level planning and coordinated conservation delivery Ranking {3.8 /Years 2.6}	
TASK 4.3.1	Facilitate development of landscape-level planning guidelines. Steering Committee with Staff support	FY14/15 Complete: under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) part of Phase II (RFP)
TASK 4.3.2	Integrate and coordinate with other landscape planning entities or initiatives. Work Group (see 2.8.3) with Staff support	FY14/15 Complete: under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) part of Phase II (RFP) FY14/15 (on-going) staff work with monthly coordination calls (FHP); TRB communities
TASK 4.3.3	Develop and implement a targeted communications campaign that conveys brand awareness of AppLCC as the focal point for Appalachian landscape conservation. Steering Committee with Staff support	[NEXT LCC-PHASE / WORK PLAN: Envisioned]

	Objective 4.4 Assist, support and utilize State Wildlife Action Plans (SWAPs) and other planning documents to assist with landscapelevel integration Ranking {2.2 /Years 3.5}	
TASK 4.4.1	Appoint a Work Group, drawn from the SC Members, to identify relevant information and opportunities to integrate information from the State Wildlife Action Plans (SWAPs) and other planning document into landscape-level plans, models, and efforts to set conservation targets. [The work of the Work Group may be informed by the guidance provided in "SWAP Best Practices" produced by AFWA.] (ongoing) Steering Committee (Work Group) with Staff support	FY12 RFA – initiated FY14/15 Completed (FY13 RFP) & (on-going) at the staff level
	Objective 4.5 Proactively identify threats and develop policies/strategies to get ahead of them Ranking {2.5 /Years 3.7}	
TASK 4.5.1	Carryout ongoing review and refinement of conservation targets and objectives. (ongoing) Steering Committee with Staff support	FY14/15 Complete: under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) part of Phase II (RFP) FY14/15 (on-going) staff work with monthly coordination calls (FHP); TRB communities
TASK 4.5.2	[Note: evolving understanding warrants rephrasing] Establish and conduct ongoing threats assessment briefings/communications for Steering Committee Members and key partners to develop proactive AppLCC organizational policies and strategies. (ongoing) Staff, Work Groups (=COP) Objective 4.6 Align existing Member	FY14/15: Completed RFPs (Clemson- Phase I LCD (FY14 RFP) + (Cornell- aquatic flows) + (NatureServe- Climate Change Vulnerability). FY15: IAA-Forest Service – On-line dedicated thematic section of web portal on Ecosystem Services (Human Dimensions)
	conservation investments to maximize AppLCC impact Ranking {3.85 /Years 3.7}	
TASK 4.6.1	Assess ways to more fully align conservation efforts via shared human and other resource capacities contributing toward identified AppLCC priorities and make recommendations to the full Steering Committee.(ongoing) Work Group with Staff support	FY16: with hiring of PT Assist. Coords. (Jan 2016) initiate –Northern Asst. Coord (former SC member) taking this focus as part of SOW. (on-going) [NEXT LCC-PHASE / WORK PLAN: Envisioned]

TASK 4.6.2	Review recommendations (4.6.1) and take appropriate actions. (ongoing)	[NEXT LCC-PHASE / WORK PLAN: Envisioned]
	Steering Committee	
	Objective 4.7 Design the mechanism to improve LCC specific in-reach communication to member agencies and organizations	
	Ranking {3.3 /Years 1.5}	
TASK 4.7.1	Design specific communication strategy, processes, and tools for improving internal communication within Member organizations.	FY14/15 Completed: AppLCC Communication staff w/ FWSR5 External Affairs on-going communications in Congressional Outreach, Periodic eNewsletters, Web Portal visibility.
	Work Group, contractor	
TASK 4.7.2	Identify and integrate an ongoing process to help integrate the Steering Committee insights and reflection on organizational commitments to refine the "Who/What/Why" of AppLCC and effectively communicating what we are about.	FY14/15 Completed: AppLCC Communication staff w/ FWSR5 External Affairs on-going communications in Congressional Outreach, Periodic eNewsletters, Web Portal visibility.
	Steering Committee, contractor	
TASK 4.7.3	Develop concise messaging on Steering Committee identified topics for Member's use with their legislators and key constituents. Steering Committee, contractor	FY14/15 Completed: AppLCC Communication staff w/ FWSR5 External Affairs on-going communications in Congressional Outreach, Periodic eNewsletters, Web Portal visibility.
TASK 4.7.4	Design meetings, events, and virtual opportunities that ensure ongoing opportunities for Steering Committee Member sharing and dialogue. (ongoing)	FY14/15 Completed: AppLCC Communication staff w/ FWSR5 External Affairs on-going communications in Congressional Outreach, Periodic eNewsletters, Web Portal visibility.
	Steering Committee with Staff support	FY16 initiated "Coordinators Monthly Update to the SC Members. Staff visit to Partner Organizational offices and FWS Field Offices for outreach and training/science delivery.
	Objective 4.8 Sustain and enhance AppLCC and Member organization conservation funding	
	Ranking {3.2 /Years 3.5}	
TASK 4.8.1	Establish an annual review of AppLCC SC Member- and related Partner-funding support for Steering Committee consideration. (ongoing)	FY14/15 Completed & (on-going) National LCC requires LCC staff to report on this
	Steering Committee with Staff support	
TASK 4.8.2	Establish a Finance Committee to monitor, review and make recommendations to the Steering Committee and Members regarding funding for AppLCC and AppLCC Member initiatives.	FY13 initiated & (ongoing): at the April 2013 meeting it was decided/approved that the elected body (Executive Steering Committee) members would serve as the Finance Committee.
	Steering Committee with Staff support	

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TASK 4.8.3	Establish a fiscal mechanism to allow AppLCC (as a partnership organization) to apply for, and to manage, grants and support from outside Federal sources Staff supports Steering Committee	Note: the naïve aspect here is the need to dedicate staff time (given staffing limitations) or SC member organization staff. FY16: with hiring of PT Assist. Coords. (Jan 2016) initiate –Northern Asst. Coord (former SC member) taking this focus as part of SOW. (on-going) [NEXT LCC-PHASE / WORK PLAN: Envisioned]
		[NEXT LCC-PHASE / WORK PLAN: Envisioned]
	Objective 4.9 Establish ongoing process for dialogue, engagement, and alignment with regional planning entities Note: {Aligns w/ Objective 3.2}	
TASK 4.9.1	Through active engagement and participation in National fora, to monitor and align the work and decisions of the AppLCC with National strategy being created for connecting to regional land and water planning entities. (ongoing) Steering Committee	FY14/15 (on-going) both the staff level and the SC member involvement on the LCC Council and AFWA/Directors' Meetings.
TASK 4.9.2	[Note: evolving understanding warrants rephrasing] Identify and, through the work and decisions of the SC, actively seek opportunities to align and engage regional water, energy and land use planning entities. (ongoing) Steering Committee	Note: the naïve aspect here is the need to dedicate staff time (given staffing limitations) or SC member organization staff. FY16: with hiring of PT Assist. Coords. (Jan 2016) initiate –Northern Asst. Coord (former SC member) taking this focus as part of SOW. (on-going) [NEXT LCC-PHASE / WORK PLAN: Envisioned]
	Objective 4.10 SC Members provide leadership and guidance to the broader Cooperative and Members to proactively engage communities of practice Note: {Aligns w/ Objective 3.1}	
TASK 4.10.1	Establish an SC Work Group to identify and encourage organizational representation and engagement of subject-matter experts (communities of practice) to participate in and assume membership-specific actions/tasks. (ongoing) Steering Committee (with Staff support)	FY14/15 Complete & (on-going) Executive Committee serves as the Membership Committee to put forward nominations.
TASK 4.10.2	Provide ongoing support for, and guidance in coordinating efforts to consider key science and issues and initiatives assigned to communities of practice. (ongoing)	FY14/15 Complete: under Phase I LCD (FY14 RFP) & with experts (58-60 engaged by Pls to help identify Priority Resources) & (on-going) part of Phase II (RFP)
	Steering Committee (with Staff support)	FY14/15 (on-going) staff work with monthly coordination calls (FHP); TRB communities
		FY16 initiated "Coordinators Monthly Update to the SC Members. Staff visit to Partner Organizational offices and FWS Field Offices for outreach and training/science delivery.