

Cape Fear Arch 2nd Quarter Meeting

Landscape level Conservation

Introductions

- Tony Doster made a joke about dogs (a few people laughed) and welcomed the group to Halyburton.
- Scott Ogden B+O design and Cape Fear Development Council: hosted a power breakfast to continue discussions about executing regional economic development groups working together. In February they had a panel discussion about parks with city and county at WHQR.
- Lara Berkley: Working with the Native Plants Society on outreach and fieldtrips.
- Jeff Hall NC WRC: active in the state-wide amphibian survey. Hosted two workshops about amphibians, lizards, and gators at Carolina Beach state park.
- Jeff Marcus, TNC's new Longleaf Restoration Coordinator based in the Sandhills
- Sara Babin, SE Coastal Plain Conservation Coordinator: send me recent acquisitions for the Cape Fear Arch Shape File
- Tom Osborn, Cape Fear Museum our big project is our outdoor learning project. Family learning outside...looking for any comments about native plants would be welcome. Also have an outdoor play workshop.
- Phil Prete City of Wilmington--tracking several things in Raleigh, Fly Trap legislation in response to poaching in and around Wilmington. A couple of behind the scenes heroes, kids donating money from birthdays. Dan Sheret, Geology/Physics Technician at CFCC, cultivating fly traps from seed and has replanted more than what was lost. Camilla has been very instrumental in convincing Rep. Ted Davis to file legislation to increase penalties for poaching. H.B. 1059 makes it a felony to take traps from someone else's property--right now just N.H. county but working to expand. Senate Bill 754 has flytraps in it and increases penalties but does not have the felony provision. Worth following those and a new law introduced taking away the authority to regulate trees at all on private property H.B. 1191.

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- Jim Durham IP, fiber supplier at Riegelwood. Insure that our Land Management practices adhere to SFI. "Today I'm here to talk about our partnership with US Fish and Wildlife about long leaf restoration"
- Melanie Doyle at the F.F. Aquarium, getting ready for summer. We are working towards a project that will have native plants available in easily recognizable form. Tinga and Lloyds are two that have embraced this. We have a request from plant folks for buckthorn for a grad student from W.F.U. working on bat avoidance strategies in moths.
- John Taggart UNCW EVS coordinates internships year round. Contract with NC Forest service monitoring three listed species in a power line corridor. Plots there looking at before and after fire
- James Sasser with State Parks busy doing prescribed fires. We've surpassed our efforts from last year. Introduce fires on long leaf areas and 2 good fires at Carolina Beach, growing season fires--first in the history of the park. Getting close to our first major plantation conversion at Lake Waccamaw. Slash pine back to Long Leaf.
- Kristin Miguez Ecosystem enhancement program we are entering our growing season monitoring in BSL it will hopefully close out this year and be designated as a successful long leaf restoration program.
- Tom Charles Lock and Damn U.S. ACE: caretaker status at the locks and dams. Community outreach efforts, shad festivals, Cape Fear River Watch partnership means they have an office at Lock and Damn 1. They are working on fish migration research. Our Handshake Grant partnership shelter project is moving forward. We are getting a new Colonel at the Corps so we will have new people and I am going to pursue the Corps being a signatory partner with Arch. We've had 2 interns from UNCW with a parks and recs degree. We are trying to get people staffed at Lock's and Dam trying to keep things happening, a new rain garden in partnership with Coop Ext. Service and Cape Fear RiverWatch. We are working to extend things out to lock 2 and eventually lock 3.
- Kacy Cook WRC coordinate the green growth toolbox. Update the conservation data that the Natural Heritage program uses. Conservation data was used in the North Brunswick connector street plan and hopefully that will avoid the county using sensitive lands. Partners with green growth projects got 8 applications for funding.
- Maria Dunn WRC coastal coordinator with habitats conservation.

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- Haley Gruber, student UNCW
- Angie Carl. TNC Coastal Stewardship and Fire Program: Coastal fire and restoration manager for the area.
- Jessica Blake director of stewardship for CLT. Working on projects that will be closing in the Cape Fear Arch. Merrill Murtoch is our attorney working in Raleigh working with Representative Iler and Davis to move the legislations regarding poaching forward. Other thing we are working on is incorporating SLR.
- Tom from Duke working with climate adaptation with Coastal Land Trust
- Sloan Goins talking to DOT about doing some burning along 40, it's pretty smoke sensitive area.
- Roger Shew UNCW working with Sloan for a growing season burn at UNCW. Tidal Creek rain garden has been complete - a joint project of UNCW, City of Wilmington, NC State, Surfrider, Coastal Federation, and Tidal Creek. Effort to reduce stormwater runoff to Hewletts Creek. Also working on small long leaf pine restoration at Ev-Henwood Preserve. Have put in 500 long leaf plants. Cape Fear River Watch, has been doing lots of work on the Coal ash issue trying to put information together on that. On habitat restoration we have put about 1/2 acre of rock by lock and dam 2 to restore spawning habitat. We've been looking at fly traps and have found a whole new level of poaching...using larger shovels on TNC lands. This is the impetus we need to push the state to change VFT to a threatened species
- David Welch Conservation Program: 6,000 acre preserve in BSL and our primary issue is VFT. We've had a poaching incident on our property and have accumulated from SE Community College. We have several land acquisitions projects to expand our properties. WE are till trying to do some infill. Lots of pockets of private lands amongst our preserve and we are trying to fill that in. We didn't get a fire in this year but we are trying for next year.
- Dan Ryan with TNC. Want to follow up on what Tom and Roger talked about. The Cape Fear River group met. It's got some parallels to the Arch and they have money for a coordinator has surfaces. That's a whole different situation but it has been interesting to watch that evolve. That partnership has primarily evolved to improve focus on migratory fish and that may inform the Cape Fear Arch. Long Leaf restoration needs to move towards the private side of things in addition to state and federal lands. We've received funding form the SFI to work with the Turkey

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Federation to work with private land owners to sustainably manage their forests and open spaces.

- Jimmy Bullock looking forward to talking to you about long leaf restoration project in Alabama and Florida
- Victoria Lockhart forestry manger at RMS
- Brian Dangler Conservation fund in Chapel Hill – Speaker
- Fred Annand Director of Conservation Resources from TNC
- Louis Vann work for US Fish and wildlife research coop. SE landscape cooperative will tell you bit about what's coming up.
- Tony Doster, serve on the board of the NC forestry assoc. Last week we had forestry day at the legislature to discuss any particular forestry issue we may have a concern about. This year we discussed the VFT issue. I think that's going to pass. The other bill that Phil mentioned the 1191 that will take away cities and towns to regulate trees, the way the urban forestry folks feel it would gut their work, particularly on new developments. If you have a concern about it go to the NC Gov. and search on that bill and write to your representative. In Brunswick County we have an airstrip on our property we've repaired one runway and the second one had been prepared for firefighting. I want to mention SFI conservation and community grant programs. These are grants up to \$20,000 available to organizations working within NC working on education and training NC SFI.org I would love for you to put in and receive one of those grants.

Presentations:

- Jimmy Bullock Sr. Vice President, Forest Sustainability at RMS **Landscape Level Longleaf Pine Restoration on RMS Managed Lands in the Florida Panhandle**
 - In partnership with the Conservation Fund RMS is working to restore long leaf pine.
 - RMS is in the business of getting a return on the investment of their investors but we have a very strong conservation bent. We manage land in the South, land that is in the heart of long leaf habitat.

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- Land in the Gulf Coast Plan Conservation, we planted 600 acres of long leaf with a grant from the turkey federation. The next year the turkey fed put in a grant for 3,000 acres. The Southern Company worked with RMS to fund this restoration. The next year the funding fell through but RMS wanted to do more long leaf restoration. We wanted to do about 200,000 acres. We met with the Conservation Fund folks and discussed the possibility of the restoration project. They agreed to be a partner in the effort. Went to the Department of Interior in DC office and we put this project together:
- In the Gulf coast we have a 20,000 acre working long leaf forest in perpetuity.
 - Conservation easement to preclude development and conversion AND maintain a working longleaf forest
 - Plant and manage longleaf on all ecologically feasible acres
 - provide ecological benefits inherent to a longleaf ecosystem
 - support working forest related economic development in local communities/expand markets for longleaf pine products in region
 - demonstrate landscape level longleaf restoration/working forest model can be successful.
- We have a chance to build a Longleaf corridor across the panhandle from Gulf Island National Seashore to Alabama. Other private landowners are interested in eventually becoming participants. This is a public private partnership opportunity.
- The other big issue is the easement is in perpetuity. We've been reluctant to do this --its a game changer for our class of land owners
- For us to do this on behalf of our investors it has to be financially sound
 - Conservation easement that precludes development forever
 - Incremental cost of longleaf establishment
 - opportunity cost of longleaf vs. loblolly (management and product value) over one rotation cycle

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- NOTE - Value/cost will reflect range of development/conversion potential and range of site suitability for loblolly. It is understood the final value will be subject to negotiation. Currently we are trying to figure out how to pay for it!
- Conversion Pressures are real. In two of the counties that we are doing this project in have very high population growth pressure. In addition there's a proposed hurricane evacuation route. Finally there's pressure to convert to agriculture. If this project doesn't go through then it's likely our land will convert to agriculture.
- Right acres in the right place at the right time
 - Federal wildlife agencies are on board
 - Eglin air force base would get relief from impact on threatened species with this partnership
 - Department of Agriculture is on board.
 - Longleaf conservation community like TNC and longleaf alliance, turkey federation, many private organizations are excited about the project.
 - BP and their mitigation fund for Horizon might also be a fit--all these lands are in the coastal zone.
 - Clean water, at risk species, green space and military defense buffer, carbon sequestration/storage, local communities and local economies (mill and jobs around silviculture, hunting clubs...), working forest/conservation research and adaptive management.
 - This is an ambitious project, largest restoration on private land. Brings private and public partners to the table and becomes a model for a working forest that has ecological value at scale. We have a real shot at making this work.
 - Tony asked about sources of funding that might be available
 - We're looking and a lot of money to make this happen. RMS doesn't need to have the money up front but they do need to have the funds over 5 years. We have hope with the RCCP program of the agriculture bill. It's a good fit and this is a shovel ready project with a lot of partners. Many of the partners are willing to bring in kind dollars to the table. It's an innovative project.

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- Alabama will submit their property to the forest legacy project. It will be their first easement project ever.
- In Florida there's a ballot issue that will make conservation funding permanent and if that passes they will likely be able to take a piece of this.
- It comes down to will we be able to bring enough private dollars to make the public funds possible. We are out the beating the bushes to make this happen but likely the USDA and RCCP will be the bulk of it.
- Brian from The Conservation fund is very proud to be a partner with RMS and it's good to see the new owners having a long term vision for their land. Its rare to see this in the TIMO industry. These guys are the first that we know of that are taking a perpetual viewpoint. As far as private ownership of a working forest this is a tremendous opportunity and I think you for it!
 - Other TIMOs are watching this and it very well could change the industry.
- Phil Prete: When do you start applying the easement to the land? If we can see the roadmap forward then we'll put the easement in place. Once we get the first piece of funding we'll move forward. Phil follow-up--what if it isn't profitable what do you do? That's part of our risk. Getting the opportunity cost up front ensures that our clients are whole and it should protect them. If the land needs to be sold then their will be a loss but that is part of our risk in making this project real.
- Have you identified partners that will hold the easement. We've made no commitment on easements. We've had a lot of entities interested in holding the easement. It may be in private hands but we are looking for folks that will bring something to the table in exchange for the easements.
- Roger Shew: Meshing the ecological with the economic requires a different type of planting density plan. What are you thinking of doing? We are looking at 500 trees per acre with prescribed burn on every 5 years (more if somebody gets funding to do it more often). We will agree not to do the bedding as part of the ecological compromise. Two thinnings during that rotation. Looking at the next stand either natural or artificial depending on conditions. What I think is going to happen is that it will move more towards and uneven aged forest over time. Two or three rotations

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out it will be like what every one in the environmental movement wants to see. But to be a working forest it needs to pay so it can't be completely hands off

- Sara: burning--will you contract it out? Yes it will all be contracted out and we believe that capacity is there or could be there if we ramp it up some. Some of these acres will be challenging to burn because of how close to buildings and highways...small percentage 5-10%. These areas may be burned more often.

Jim Durham, Fiber Supply Manger International Paper: **International Paper/NFWF Forestlands Steward initiative**

- IP has a strong commitment to land conservation. 1.5 million acres protected through donations and easements and sales. Most of it was in the south but 1/4 million acres in the Adirondacks
- We want to continue to be involved in conservation but we don't own land anymore so we entered into a partnership with NFWF a million and 1/2 for a year to restore, conserve, and connect 200,000 acres of coastlands in three key southern landscapes.
 - Background re: NFWF created in 1984 one of the works largest conservation grant makers focused on using the best science. Work with public and private sectors to protect and restore our nations fish wildlife plants and habitats. Leverage IP gift with funders to generate addition 22.5 million in donations.
- Project is in three areas: Coastal Carolinas Cumberland plateau and Piney woods of Texas. Selected for high biodiversity and development pressure and IP presence.
- Focus for Coastal Carolina is longleaf pine restoration and bottom wood hardwood restoration.
- 7.5 million plus matching grants all in the SE at least 1.2 million each year for each project. Some goals are to restore 16,000 acres replant or establish. 12,500 acres will be in the 2 southern areas. Enhance through management activities (prescribed burning) of the habitat. Key partners include: us forest service, US fish and wildlife service, NRCS, state forestry and wildlife agencies, and numerous conservation organizations. Leverage important federal state and private partnerships.

- Coastal Carolinas:
 - Extends from North of New Bern to the Georgia line. Lower coastal plane of North and South Carolina.
 - Rich biodiversity with intact forests and protected land.
 - Development pressures and changing forest economics.
- Cumberland Plateau:
 - Covering Kentucky, Tennessee, Alabama, Georgia
 - Rich biodiversity with at risk freshwater and forest species
 - Land practices created agricultural landscapes in need of restoration and reforestation.
 - IP presence with a few mills
- Piney Woods of Texas and Louisiana
 - Similar to Coastal Carolinas with a bit more diverse geography and species but was once a longleaf forest.
 - Retains working forestland while leveraging significant public and private lands as wildlife corridors.
 - Longleaf pine restoration and enhancement in the primary focus.
- Through a grant process, administered by NFWF we are implementing the plan:
 - RFP is out there will be a full proposal review and selection and then grant award and management. TNC has taken advantage of this. End of February is the deadline.
- Criteria:
 - Conservation value (how many acres established enhanced and species benefits)
 - Partners, geographic location/landscape context

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- Plan and Budget (likelihood of success methodology and efficiency)
 - Transferability (ability to serve as a model/demonstration)
 - Other ancillary benefits supporting major conservation goals and other species..
- TNC the Cape Fear Arch initiative
- This project was awarded last year
 - Goal is to plant more than 1,200 acres of longleaf pine seedlings and enhance more than 8,000 acres of longleaf pine habitat.
 - Angie from TNC discussed Sunny point and Orton Planation--lots of partners involved we've hired to fire crews we've had 8 burns since they've been here and we've already hit our goals for this summer. I suspect we'll get 1200 to 2000 acres by the time they are done. Dormant season burning was very productive too over 5,000 acres. It has been great working with the WRC and State Parks. We'll try to get some burns in the State Parks. BSL lakes is also doing some burning with Department of Agriculture. We've been working with private land owners around Sunny Point too. We've hired two of our UNCW fire crew folks. it's been great and we've been getting lots of long leaf projects done.
 - The other project was funded in SC 150,000 this was a bit more private landowner based. They increased the acreage of property managed longleaf pine forest on private lands in and around the Francis Marion National Forest. In additions education efforts were made using cost-share programs for planting.
 - In Texas two projects were funded to TNC to restore 185 longleaf and burning. Another project in Louisiana for \$100,000 to restore longleaf plan and prescribed burning on 4,000 acres of RSM and other forest management firms.
 - Cumberland Plateau had 3 from TNC for restoration of shortleaf pine and woodland/savannah on public and private lands. In Alabama US Forest service received 100,000 for commercial thinning prescribed burning removal and restoration of loblolly to shortleaf pine. University of Tennessee \$50,000 for planting 120 acres at demonstration areas.

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- Angie Carl--NC Coastal Land Trusts holds easements on land that we are working on and also the fire festival is being funded by this grant
- Land acquisition? Can that be used with this grants. Yes, although none of them have been funded to date. I would guess they want to get the biggest bang for buck so planting and burning has been funded.
- It looks like only about 1/2 the money has been given out? There might be more this year? It doesn't expire.
- Tony: Juniper Creek game lands that straddles the Brunswick line was IP land and was a project that TNC brokered to the commission--there's a fair bit of long leaf restoration on that land.
- Brian Dangler, Director New Forest fund, the Conservation Fund: **the NC Headwaters Project and TCF Landscape Conservation**
- Bill Holman is our NC state director; he's doing the real estate work for the Conservation fund in NC. I do the forestry work throughout the U.S.
- The Conservation Fund is working at economic development and nature. We spawned out of TNC in the 1980s. We have protected 7 million acres since 1985 are partner driven, and are rated A+ by the American Institute of Philanthropy the nations top environmental non profit" by charity watch. We have 140 people only in the U.S. a little in Canada. We let our partners be up front we provide funding and expertise and stay in the background.
- Our core business is real estate. We have a land conservation loan program providing loans to local land trusts. Working forest fund, and the Natural Capital investment fund. Nature and business and people.
- The Working forest fund
 - Bought down the development rights and put forests into working land.
 - 751 Million acres of forest in the continental U.S., 3/4 of the forests are found in the SE U.S. Of all the forested land 56% is private lands 420 million acres. We are concentrating in the private lands for conservation.
 - In 2012 USDA put out forest research that highlighted increased housing density which indicates where forests are likely to be turned into housing. On the coasts

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and all throughout NC are areas with very high pressure on forested lands-- especially working lands.

- Goal of the working forest is to protect 1 million acres of working forests in 10 to 15 years and we are raising funds to do this.
- This effort started in 2009. We need a bridge for ownership as privately owned working forest are fragmented. We like to deal in 10,000 acres or greater. 300,00 acres have been acquired to date in 13 states. We will acquire using grants, loans and innovative funding until private companies like RMS to purchase the lands.
- Funding: Foundation grants, loans new market tax credits, sell fee and easements, money rolls.
- Our projects are certified under FSC and SFI
- Partner Priorities include: Work with TCF regional real estate staff and out-sales working forest easements, resell fee, conservation buyer with easement, fee sales (U.S. Forest Service, State WMA, etc.)
- Process: find a partner and develop financing to acquire property. Manage property using planning certification, and operations. Disposition of the property using private ownership or conservation easements.
- We hire local forestry consultants to write a plan, write or update forests management plan, create an annual budget, FSC/SFI certification...
- Steps in Analysis: Conservation outcome, Timber inventory, supplement/audit inventory, local timber market, appraisal land value determination, forest modeling, discounted cash flow analysis, pro forma business plan, negotiation and closing.
- For example: Champion International Northeast Woodlands. In 1999 TCF won 300,000 acres of land in NY VT and NH of the land acquired 70% are in forestry and 30% in parks. We are the facilitators of these deals. Fee ownership for states is the fate of much of the property--some projects are more weighted towards private working land ownership.
- North Coast California Forest---75,000 acres of coastal redwood forests. Conservation for Coho salmon, harvesting of some redwood. Develops green

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infrastructure. Press can be difficult to handle but overall it's a very positive experience. This is a deal where WE own the land...a new approach for us.

- Success Pond in NH. 9,000 acres purchased from a TIMO--TCF had a contract on easement converted to fee purchase. Landscape conservation effort which includes 2,000 acres of spruce fir deer wintering habitat. Public uses include vehicle use hiking and hunting. It is important for lynx
- Wausau Paper Company in WI. 70,000 acres purchased from Wausau paper partnering with Lyme Timber company. TCF has an option on a conservation easement. The landscape conservation effort protects the headwaters of the St. Croix River a National Scenic River way. Public uses include hunting fishing and motorized recreation.
- In GA we purchased from Rayonier. One of the parcels will become a community forest for an African-American community.
- Headwaters NC tract 8,000 acre deal in Transylvania County. East fork of the French Broad river it is a working forest/game lands. NC Forest Service/NC WRC and includes 8.5 miles of the foothills trail and 5 miles of trout streams and 30 waterfalls. We've funded about 1/2 of it. Important species include: green salamander, Rock Gnome lichen, liverwort, eastern wood rat, French Broad heart leaf, eastern hellbender, brook trout.
- Re-integration concept--getting the forests back into permanent ownership.
- We have funding for land trusts--loans.
- Tony: how certain do you need to be of a project's ultimate funding to place one of these bridge loans? We haven't had one defaulted on yet. The land trusts are a hearty sort and if plan a doesn't work then plan b or c does seem to come through. We look at a risk plan for the working forest fund so there are no guarantees and thus have a contingency plan. If we can't find a source of conservation funding then we'll have to turn the property. It may be as simple as placing a deed restriction.
- How do you line up your private companies to line up buying a property? Sometimes it's a previous relationship sometimes it's a public process.

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- Tony: There's been a lot of concern expressed by a number of conservation oriented organizations about once land is divested from forest product companies and goes into TIMOs is it more fragmented and more likely to be developed. Our companies are finding partners like the Conservation Fund so that the economic pressures don't overwhelm the desire to keep the land in working forests.

Louise Vaughn: NC Cooperative Fish and Wildlife Research Unit. **South Atlantic Landscape Conservation Cooperative.**

- Organizations come up with conservation plans. For the past six months I've been working for the South Atlantic Landscape Conservation Cooperative to help them refine a blueprint so that its useful to the conservation community.
- Who and What is the South Atlantic LCC
 - A partnership of federal state and private organizations dedicated to conserving a landscape capable of maintaining ecologic health and diversity
 - There are 22 LCC throughout the U.S.
 - Applied Conservation science partnerships: Provide technical expertise to on the ground conservation. Promote collaboration among members by defining shared conservation goals.
 - The reason that we have LCC is in recognition of large scale issues that span beyond borders. Issues include urbanization, coastal zone change.
 - The South Atlantic LCC has 89 million acres and 18,000 miles of shoreline. 92% is held in private lands and has an expected increase of 120% of urban areas.
 - The mission is to create a shared blueprint for landscape conservation
 - How does your LCC operate: Steering Committee, Staff, partnership committee, science committee, and web community. We are all working to serve you. The steering committee is made up of state and federal agencies in all 6 states and NGOs. There are 6 full time staff positions funded. Very

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strong web presence with more than 600 members from over 70 different organizations.

- Goals: Provide vision of conservation success. Provide support for investment decision, facilitate collaboration between interested partnership orgs promote data integration and sharing of landscape level data sets. Continuously evaluating our progress
- How do you get involved? Join the SLACC web community, communicate with a steering committee rep participate in web forums. If we work together we'll be more effective. Conservation planning needs to be more than just planning. We have released the first version of our blueprint but now it's time to revise. We are working hard to receive feedback and update the blueprint.
- Tony what would be the best way for an organization like the Arch to participate. The first step is me being here. The second might be participating in some web forums. Arch can compare you conservation maps and priority areas to ours. It is necessary to continue to have orgs like the Arch to facilitate better communication.
- In theory collaborative conservation
 - South Atlantic LCC: Provide guidance for actions to minimize threats to capitalize communities. Assess region wide success
 - Step down region wide actions like the Cape Fear Arch--assess and report eco-regional efforts and impacts. Then down to local efforts to receive technical support and guidance making...
- How do we get there? What are the challenges? Managing network, ecosystem functions, public, critical fish wildlife...trying to do all this with threats like pollutions habitat loss.
- Conservation blue print is a tool to help us get to better communication and collaboration. We provide the Google maps of conservation. It is an interactive living map that describes the places and actions needed to meet the South Atlantic LCC conservation objectives in the face of future change.
- All types of data available to you. This is important for GIS users or those people that need to use the tool but may not be experts. Avoid the problem of having to

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dig for data go through the libraries--you can go to one place. Mapping tool is very easy to use.

- So what's different? Planning cooperative -- what are the best places to work together on? We are hoping to bring in new conservation dollars to do the work. Guiding infrastructure development. Create incentives instead of regulation. Bring landscape benefits and respond to major disasters. The blueprint is made from workshops with over 300 people from 58 different organization. Integration of existing conservation plans.
- To make the blueprint useful it needs to be built on good information (content). It needs to be easy to use. The presentation needs to be intuitive. Quick and easy information this is the place to go. You will notice that we are really heavily weighted towards the coast.
- State of the blueprint:
 - 2012 our mission was to create the blueprint
 - 2013 workshops
 - March 2014 we have developed the final blueprint 1.0
 - July 2015 introduce blueprint 2.0
- So we are at the point of revision. We are speaking with people in the geographic region and find out how we can help people use the blueprint. Focus groups and interviews to get the important feedback. Feedback includes...understanding why things are high priority, how do I find partners and finding new data to include in our conservation atlas.
- How can I help you? Louise Vaughn Environmental Decision Analysis, NC Cooper Fish and Wildlife Research Unit, Department of Applied Ecology, NCSU vaughn@ncsu.edu Links:
 - South Atlantic LCC: <http://www.southatlanticlcc.org/>
 - Conservation blueprint planning atlas: <http://salcc.databasin.org/>