Thematic-Area **(1) Pre-Existing Tools, Portals, Datasets, Resources**	
ID-RecNo	**Thematic-Area** **(2) Aquatic**
1	1. [Pre-Existing] Freshwater Mussel Conservation Planning GIS/database tool (TNC-TN). Build upon existing tool: expanding it to other states in an effort to standardize and support a common aquatics database for conservation planning. TNC developed a database and spatial mapping tool to manage the large amounts of data on Species of Greatest Conservation Need (SGCN), their habitats, and problems affecting these species and habitats as the foundational materials to help info. *molluskconservation.org/Library/.../**TN**_FM_StratPlan_database.doc*
ID-RecNo	**Thematic-Area** **(4) Terrestrial - Wetlands**
901	2. [Pre-existing] The National Wetlands Inventory Geospatial Data port: http://www.fws.gov/wetlands/Data/WebMapServices.html
ID-RecNo	**Thematic-Area** (5) Terrestrial - Forests
902	3. [Pre-existing] Forest Inventory and Analysis (FIA) Program. FIA reports on status and trends in forest area and location; in the species, size, and health of trees; in total tree growth, mortality, and removals by harvest; in wood production and utilization rates by various products; and in forest land ownership. http://www.fia.fs.fed.us/tools-data/ As the Nation's continuous forest census, our program projects how forests are likely to appear 10 to 50 years from now. This enables us to evaluate whether current forest management practices are sustainable in the long run and to assess whether current policies will allow the next generation to enjoy America's forests as we do today. FIA reports on status and trends in forest area and location; in the species, size, and health of trees; in total tree growth, mortality, and removals by harvest; in wood production and utilization rates by various products; and in forest land ownership. The Forest Service has significantly enhanced the FIA program by changing from a periodic survey to an annual survey, by increasing our capacity to analyze and publish data, and by expanding the scope of our data collection to include soil, under story vegetation, tree crown conditions, coarse woody debris, and lichen community composition on a subsample of our plots.
930	4. USFS Southern Forests Futures Project: http://www.srs.fs.usda.gov/futures/
931	5. Eastern Forest Environmental Threat Assessment Center http://www.forestthreats.org/
932	6. USFW Climate Change Adaptation and Mitigation Management Options (CCAMMO) http://www.forestthreats.org/current-projects/project-summaries/ccammo/
ID-RecN	**Thematic-Area** **(7) Human Dominated / Economic Lands (Urban, Ag, Energy)**

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907	7. [Pre-existing] U.S. Environmental Protection Agency data port: http://www.epa.gov/mrlc/data.html	
908	8. [Pre-existing] USGS GAP Analysis Program http://biology.usgs.gov/bio/gap.html (Biological Informatics Program) This data is one of most useful landcover data layer. The current data available for download is a combination of the Southeast GAP analysis project and Landfire data in areas not covered by the Southeast GAP. It is available in 30 meter resolution. The data was created at the same resolution, used the same habitat categories, and the same techniques to create the data. Habitat types are more specific than what is in the National Landcover Dataset. Habitat types are also available in three level. The most specific has nearly 100 different habitat types.	
909	9. [Pre-existing] National Conservation Easement Database: http://nced.conservationregistry.org/	
910	10. Pre-existing] Southeast GAP Analysis Project http://basic.ncsu.edu/segap/	
911	11. [Pre-existing] Abandoned Mineland Acid Mine Drainage (AML AMD) Inventory: System. Appalachian Region; OSMRE http://www.osmre.gov/aml/amlis/Description.shtm	
912	12. [Pre-existing] National Geospacial Management Center: http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/ngmc ; NRCS.	
920	13. [Pre-Existing] EPA Southeastern Ecological Framework Project http://www.geoplan.ufl.edu/epa/index.html	
ID-RecNo	**Thematic-Area** **(9) Climate Change – Impacts, Downscale/Coupled Modeling, Adaptation**	
903	14. [Pre-Existing] TNC's Climate Wizard: http://www.climatewizard.org	
904	15. [Pre-Existing] SimClim's Climate change modeling system: http://www.climsystems.com/simclim	
905	16. [Pre-existing] Central Appalachians Resiliency Maps ver2. Resiliency analysis for the Central Appalachians: TNC did a series maps of what they consider the major drivers for resiliency. (via link below) www.conservationgateway.org/…/central-appalachians-whole-system…	
921	17. [Pre-Existing] NaturePeople.org (TNC) (and see CC Adaptation & Regional Planning Resources http://conserveonline.org/workspaces/climateadaptation/documents/incorporating-cc-adaptation-into-regional index link page to: Incorporating Climate Change Adaptation Into Regional Conservation Assessments; Incorporating Climate Change Adaptation Into National Conservation Assessments; *Conserving the Stage: Climate Change and the Geophysical Underpinnings of Species Diversity;* Central Appalachians Whole-System Landscape Vision, August 16, 2011	
940	18. NatureServe Climate Vulnerability Index: http://www.natureserve.org/prodServices/climatechange/ccvi.jsp	
ID-RecN	**GENERAL Information – Database – Information Management / Presentation**	

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933	19. Fish and Wildlife Information Needs System (**FWINS**) http://www.fws.gov/policy/m0042.html [draft data entry form from: Database Layout link within page]	
934	20. iPac IpaC – Information, Planning, and Conservation System. Georeferenced database housed at USFWS for assessing development impacts to federally listed species. http://ecos.fws.gov/ipac/	
935	21. ECOS. Environmental Conservation Online System. USFWS database tracking system for habitat protection and restoration accomplishments conducted and/or funded by the agency. http://ecos.fws.gov/ecos/indexPublic.do	
936	22. Northeast Regional Conservation Network (RCN) Grant Program – Products. http://www.wildlifemanagementinstitute.org/index.php?option=com_content&view=article&id=247&Itemid=110 (Grants http://rcngrants.org/) The terrestrial data referenced here was created similar to the Southeast GAP analysis and Landfire projects. The aquatic habitat information is much moire detailed than what is in the SE GAP and Landfire. It includes shapefiles for flowlines, catchments, and lakes. There are also layers included that symbolize the data according to geology, gradient, size, temperature, and taxonomy. Downloaded the data to our G: drive and looked at it. It may be useful, however, it is only available in a portion of the Appalachian LCC. To be able to use it, we would need the same information collected throughout the rest of the area. GIS products including flowlines, catchments, and lakes encompass 6 AppLCC states.	
937	23. National Conservation Easement Database: http://nced.conservationregistry.org/	
938	24. WV GIS Clearinghouse application: http://wvgis.wvu.edu/data/dataset.php?ID=402	
941	25. NatureServe http://www.natureserve.org/	
950	26. National Geospacial Management Center: http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/ngmc ; NRCS National Geospatial Management Center (NGMC) has long been respected for the quality of maps it produces to support various Natural Resource Conservation Service (NRCS) projects and programs. In addition to producing maps, NGMC is a major distributor of geospatial data to support NRCS, National, State and local field needs. NGMC strives to: 1) Optimize and standardize geospatial data and related technology and services; 2) Perform geospatial governance – the coordination necessary to guide the evolution of geospatial data and services; and 3) Enhance geospatial planning and investment – capture business requirements and translate those into business processes, and identify investments necessary to meet the Agency's geospatial business needs.	
951	27. National Geographic Foundation: Landscope Projects: http://www.landscope.org/ "LandScope America—a collaborative project of NatureServe and the National Geographic Society—is a new online resource for the land-protection community and the public. By bringing together maps, data, photos, and stories about America's natural places and open spaces, our goal is to inform and inspire conservation of our lands and waters."	

916	28. National Geographic Foundation: FieldScope. http://www.fieldscope.org/ National Geographic FieldScope is a web-based mapping, analysis, and collaboration tool designed to support geographic investigations and engage students as citizen scientists investigating real-world issues - both in the classroom and in outdoor education settings. FieldScope enhances student scientific investigations by providing rich geographic context - through maps, mapping activities, and a rich community where student fieldwork and data is integrated with that of peers and professionals, adding analysis opportunities and meaning to student investigations.	