Resource Name	Description	URL
	DATA TOOLS	
Generalized Likelihood Uncertainty Estimation (GLUE)	The GLUE package provides tools for sensitivity analysis and uncertainty estimation using the results of Monte Carlo simulations.	http://www.es.lancs.ac.uk/hfdg/freeware/hfdg_freeware_glue.htm
Thermal Stream Habitat Model	This model was developed for predictions across the interior Columbia River basin in the Pacific Northwest. The model predicts the distribution of thermally suitable habitat for bull trout by incorporating air temperature, elevation, latitude, and longitude.	http://www.fs.fed.us/rm/boise/AWAE/projects/stream_temp/airtemp/airtemp_model.shtml
Multiple Regression Stream Temperature Model	This modeling approach uses thermograph records and a simple set of geomorphic predictor variables derived from digital elevation models (DEM). A multiple regression model and GIS are used to predict stream temperatures for individual reaches throughout a river network.	http://www.fs.fed.us/rm/boise/AWAE/projects/stream_temp/multregression/multregression_model.shtml
Climate Wizard	The Climate Wizard enables you to: 1) view historic temperature and rainfall maps for anywhere in the world; 2) view state-of-the-art future predictions of temperature and rainfall around the world; 3) view and download climate change maps in a few easy steps	http://www.climatewizard.org/
Data Basin - Aquatic Conservation Center	The Data Basin Aquatic Conservation Center centralizes datasets and findings related to aquatic ecosystems. Tools are provided to visualize, analyze, and communicate about vulnerabilities, trends or predicted future scenarios at local and regional scales.	http://databasin.org/aquatic-center
Data Basin - Climate Center	The Climate Center is a component of Data Basin that specializes in creating and disseminating critical datasets, tools, and networks needed to address changes related to climate. The Data Basin Climate Center allows you to publish existing climate datasets and analyses, review new research on the potential patterns and impacts of a changing climate, and connect with people with datasets, expertise, or similar interests	http://databasin.org/climate-center
Climate Change Indices	The joint CCl/CLIVAR/JCOMM Expert Team (ET) on Climate Change Detection and Indices (ETCCDI) has a mandate to address the need for the objective measurement and characterization of climate variability and change by providing international coordination and helping organizing collaboration on climate change detection and indices relevant to climate change detection, and by encouraging the comparison of modeled data and observations.	http://cccma.seos.uvic.ca/etccdi/index.shtml
ClimatePrediction.net -- Weather at Home Experiment (Western US Region)	This site contains raw data from dynamical downscaling. It's aimed at scientists rather than the general public, though anyone is welcome to view the data.	https://results.cpdn.org/repository/search_regional
IWR Planning Suite - Cost Effectiveness, Incremental Cost Analysis	Briefly, IWR Planning Suite assists with plan formulation by combining user-defined solutions to planning problems and calculating the effects of each combination, or "plan." The program can assist with plan comparison by conducting cost effectiveness and incremental cost analyses, identifying the plans which are best financial investments and displaying the effects of each on a range of decision variables.	http://www.pmcl.com/iwrplan/SoftwareInfo_1_0_11_0.asp
*University of Washington's B2*Variable Infiltration Capacity Model (VIC)	VIC is a macroscale hydrologic model that solves full water and energy balances.	http://www.hydro.washington.edu/Lettenmaier/Models/VIC/index.shtml
Water Evaluation and Planning (WEAP)	Allocation of limited water resources between agricultural, municipal and environmental uses now requires the full integration of supply, demand, water quality and ecological considerations. The Water Evaluation and Planning system, or WEAP, aims to incorporate these issues into a practical yet robust tool for integrated water resources planning.	http://www.weap21.org/
Long-range Energy Alternatives Planning System (LEAP)	LEAP is an integrated modeling tool that can be used to track energy consumption, production and resource extraction in all sectors of an economy. It can be used to account for both energy sector and non-energy sector greenhouse gas (GHG) emission sources and sinks. In addition to tracking GHGs, LEAP can also be used to analyze emissions of local and regional air pollutants, making it well-suited to studies of the climate co-benefits of local air pollution reduction.	http://www.energycommunity.org/default.asp?action=47
CMIP5 GCM data	Data from GCM runs for IPCC AR5. Earth System Grid gateway hosted by the Program for Climate Model Diagnosis and Intercomparison (PCMDI). Note that CMIP5 (Climate Model Intercomparison Project) is next generation after CMIP3.	http://pcmdi3.llnl.gov/esgcet/home.htm
Climate Data Analysis Tools	This is a suite of tools designed at PCMDI for the analysis and display of GCM climate data.	http://www2-pcmdi.llnl.gov/cdat
Trend Analysis	This online tool, from the Office of the Washington State Climatologist, allows the user to analyze temperature, precipitation and snow water equivalent data for the pacific northwest. Focus is on the PNW.	http://www.climate.washington.edu/trendanalysis/
Trend Analysis with Excel	This site walks the user through various excel functions that could be used for analyzing data trends. Examples show climate variables but hydrological variables could be substituted by the user.	http://processtrends.com/toc_trend_analysis_with_excel.htm#Excel_Regression_Tools
Bias-corrected and downscaled CMIP3 (IPCC AR4) climate projections.	The archive was developed to provide planning analysts access to climate projections spatially downscaled to a finer spatial resolution (1/8 deg or ~12x12km).	http://gdo-dcp.ucllnl.org/downscaled_cmip3_projections/
Globally downscaled climate projections	Downscaled and debiased, global, 21st-century climate scenarios from Conservation International to accommodate the immediate demand for multiple, fine resolution climate projections and enable and enhance efforts implement adaptation and mitigation measures in response to climate change. Spatial resolution is ~4km.	http://futureclimates.conservation.org/
Climate Scenarios for the conterminous United States at the county spatial scale using SRES scenarios A1B and A2 and PRISM climatology	These data were developed from climate scenarios used in the Fourth Assessment of the Intergovernmental Panel on Climate Change, specifically the A1B and the A2 SRES (Special Report on Emissions Scenarios) scenarios as modeled by these climate models: CGCM, CSIRO, and MIROC. The monthly change factors were developed from global model output and downscaled to the 5 arc minute (~8 km) spatial grid using ANUSPLIN.	http://www.fs.fed.us/rm/data_archive/dataaccess/US_ClimateScenarios_county_A1B_A2_PRISM.shtml

Climate Scenarios for the conterminous United States at the county spatial scale using SRES scenarios B2 and PRISM climatology	These data were developed from the SRES (Special Report on Emissions Scenarios) scenario B2 used in the Third Assessment of the Intergovernmental Panel on Climate Change, specifically as modeled by these climate models: GCGM2 (Climate Centre for Modelling and Analysis), CSIRO MK2 (Australia's Commonwealth Scientific and Industrial Research Organisation), and HadCM3 (Hadley Centre for Climate Prediction and Research UK). The monthly change factors were developed from global model output and downscaled to the 5 arc minute (~8 km) spatial grid using ANUSPLIN following the work of Price et al. (2004).	http://www.fs.fed.us/rm/data_archive/dataaccess/US_ClimateScenarios_county_B2_PRISM.shtml
Climate Scenarios for the conterminous United States at the 5 arc minute grid spatial scale using SRES scenarios A1B and A2 and PRISM climatology	These data were developed from climate scenarios used in the Fourth Assessment of the Intergovernmental Panel on Climate Change, specifically the A1B and the A2 SRES (Special Report on Emissions Scenarios) scenarios as modeled by these climate models: CGCM, CSIRO, and MIROC. The monthly change factors were developed from global model output and downscaled to the 5 arc minute spatial grid using ANUSPLIN.	http://www.fs.fed.us/rm/data_archive/dataaccess/US_ClimateScenarios_grid_A1B_A2_PRISM.shtml
Climate Scenarios for the conterminous United States at the 5 arc minute grid spatial scale using SRES scenarios B2 and PRISM climatology	These data were developed from the SRES (Special Report on Emissions Scenarios) climate scenario B2 used in the Third Assessment of the Intergovernmental Panel on Climate Change, as modeled by these climate models: GCGM2 (Climate Centre for Modelling and Analysis), CSIRO MK2 (Australia's Commonwealth Scientific and Industrial Research Organisation), and HadCM3 (Hadley Centre for Climate Prediction and Research UK). The monthly change factors were developed from global model output and downscaled to the 5 arc minute spatial grid using ANUSPLIN following the work of Price et al. (2004)	http://www.fs.fed.us/rm/data_archive/dataaccess/US_ClimateScenarios_grid_B2_PRISM.shtml
Benefit-Cost Analysis	FEMA has developed Benefit-Cost Analysis (BCA) software to facilitate the process of preparing a BCA. Using FEMA-approved BCA software will ensure that the calculations are prepared in accordance with OMB Circular A-94, Guidelines and Discount Rates for Benefit-Cost Analysis of Federal Programs and FEMA's standardized methodologies.	http://www.fema.gov/government/grant/bca.shtm
Habitat Priority Planner	This tool aids in making decisions about habitat conservation, restoration, and land use planning. The program allows users to easily test various ideas and "what if" scenarios on the fly, making it the perfect tool to use in a group setting.	http://www.csc.noaa.gov/digitalcoast/tools/hpp/index.html
Coastal County Snapshot	The Coastal County Snapshots tool provides local officials with a quick look at a county's demographics, infrastructure, and environment within the flood zone. A map and pull-down menus let users pick the county of interest, and a report is provided for download that can be saved or printed.	http://www.csc.noaa.gov/digitalcoast/tools/snapshots/
Statistics of Weather and Climate Extremes	The Extremes Toolkit is an interactive program for analyzing extreme value data using the R statistical programming language. A graphical user interface is provided, so a knowledge of R is not necessarily required. The toolkit comes with a tutorial that explains how the toolkit can be used to treat weather and climate extremes in a realistic manner.	http://www.assessment.ucar.edu/toolkit/
Regional Hydro-Ecologic Simulation System (RHESSys)	RHESSys is a GIS-based, hydro-ecological modeling framework designed to simulate carbon, water and nutrient fluxes. RHESSys combines both a set of physically based process models and a methodology for partitioning and parameterizing the landscape.	http://fiesta.bren.ucsb.edu/~rhessys/setup/downloads/downloads.html
NatureServe Vista: Decision support for better planning	Planners, resource managers, scientists, and conservationists can use NatureServe Vista to: conduct conservation planning and assessments; integrate conservation values with other planning and assessment; activities, such as land use, transportation, energy, natural resource, and ecosystem-based management; evaluate, create, implement, and monitor land use and resource management scenarios designed to achieve conservation goals within existing economic, social, and political contexts.	http://www.natureserve.org/prodServices/vista/overview.jsp
Nonpoint-Source Pollution and Erosion Comparison Tool (N-SPECT)	Use the Nonpoint-Source Pollution and Erosion Comparison Tool (N-SPECT) to investigate potential water quality impacts from development, other land uses, and climate change.	http://www.csc.noaa.gov/digitalcoast/tools/nspect/
Visualizing California climate data on a grid	This prototype webpage contains climate scenarios (temperature and precipitation data) for multiple cells in California as estimated monthly average conditions from the present to the rest of this century.	http://www.climatechange.ca.gov/visualization/grid.html
Water to Air models	To give water managers a better understanding of the relationship between water management decisions, energy consumption, and air quality the Pacific Institute has created two Water to Air Models. One model is for urban water districts and the other for agricultural districts.	http://www.pacinst.org/resources/water_to_air_models/index.htm
MODSIM-DSS	MODSIM-DSS is a generic river basin management decision support system for developing basin-wide strategies for shortterm water management, long-term operational planning, and drought/climate change contingency planning.	http://modsim.engr.colostate.edu/index.shtml
IRI Historical Variability Analysis Tool	This tool allows a user to investigate the historical variability of precipitation and temperature at various time scales (interannual, decadal, and long-term linear trend) over the 20th century near a user-selected location	http://iridl.ldeo.columbia.edu/maproom/.Global/.World_Bank/.Climate_Variability/
NCDC State of Climate Reports	The State of the Climate Report is a collection of monthly summaries recapping climate-related occurrences on both a global and national scale.	http://www.ncdc.noaa.gov/sotc/
CIG Climate Change Scenarios for the Pacific Northwest	The Climate Impacts Group (CIG) recently examined a select subset of global simulation models from the Intergovernmental Panel on Climate Change Assessment Report 4 (IPCC AR4), driven by two greenhouse gas emissions scenarios (B1 and A1B), and produced updated scenarios of future climate for the PNW.	http://cses.washington.edu/cig/fpt/ccscenarios.shtml
CIG Hydrologic Climate Change Scenarios for the Pacific Northwest Columbia River Basin and Coastal Drainages	The Climate Impacts Group (CIG) worked with several prominent water management agencies in the Pacific Northwest to develop hydrologic climate change scenarios for approximately 300 streamflow locations in the Columbia River basin and selected coastal drainages west of the Cascades.	http://www.hydro.washington.edu/2860/
CIG 20th and 21st century climate projections based on subset of IPCC AR4 models	Data and graphs in excel spreadsheet showing annual and seasonal projections for temperature and precipitation. Projections are from a subset of Intergovernmental Panel on Climate Change Assessment Report 4 (IPCC AR4) global climate models.	http://cses.washington.edu/cig/fpt/08scensumdata.shtml

EPA BASINS: Better Assessment Science Integrating Point and Non-point Sources	The National Water Program (EPA) recently developed a climate assessment tool within the BASINS decision support system (BASINS CAT). BASINS CAT provides a capability to create climate change scenarios to assess the sensitivity of hydrologic and water quality endpoints to climate change using the BASINS HSPF watershed model.	http://water.epa.gov/scitech/datait/models/basins/BASINS4_index.cfm
GANTT Project	GanttProject is a cross-platform desktop tool for project scheduling and management. It runs on Windows, Linux and MacOSX, it is free and its code is opensource. It can 1) create work breakdown structure, draw dependencies, define milestones; 2) assign human resources to work on tasks, see their allocation on the Resource Load chart; 3) save charts as PNG images, generate PDF and HTML reports; 4) import projects from and export them to Microsoft Project formats. Export to spreadsheets with CSV; and 5) share projects with your colleagues using WebDAV	http://www.ganttproject.biz/
XMind - Collaborative Minds	XMind is an open source brainstorming and mind mapping software tool. The program is intended to assist users in capturing ideas, organizing various charts, and share them with collaboration. It supports mind maps, Ishikawa diagrams (also called fishbone diagrams or cause-and-effect diagrams), tree diagrams, organization charts, and spreadsheets. It can be used for knowledge management, meeting minutes, task management, and GTD.	http://www.xmind.net/
GUIDE TOOLS		
UKCIP's Adaptation Wizard	The Adaptation Wizard will help you to assess your organisation's vulnerability to current climate and future climate change, identify options to address your organisation's key climate risks, and help you develop and implement a climate change adaptation strategy	http://www.ukcip.org.uk/wizard/
Guidelines for use of climate scenarios developed from statistical downscaling methods	These guidelines were developed as supporting material for the IPCC in 2004. It reviews statistical downscaling methods and describes when it is/is not appropriate to use statistically downscaled data.	http://www.ipcc-data.org/guidelines/dgm_no2_v1_09_2004.pdf
Decision Support Planning Methods: Incorporating Climate Change Uncertainties into Water Planning	This guide was developed by the Water Utilities Climate Alliance (WUCA). It outlines five decision making approaches, including Classic Decision Analysis, Traditional Scenario Planning, Robust Decision Making, Real Options and Portfolio Planning. Case studies are also provided.	http://www.wucaonline.org/assets/pdf/actions_whitepaper_012110.pdf
Options for Improving Climate Modelling to Assist Water Utility Planning for Climate Change	This guide was developed by the Water Utilities Climate Alliance (WUCA). It provides examples of how water utilities have analyzed climate change impacts on water resources, as well as a thorough and up-to-date description of the science of climate modelling.	http://www.wucaonline.org/assets/pdf/actions_whitepaper_120909.pdf
EPA's Tabletop Exercise Tool for Water Systems: Emergency Preparedness, Response and Climate Resiliency	The updated TTX Tool contains fifteen scenarios that address an all-hazards approach to emergency preparedness and response, including natural hazards and manmade incidents, as well as introduces users to the potential impacts of climate change on the Water Sector.	http://yosemite.epa.gov/ow/SReg.nsf/description/TTX_Tool
Local Climate Impacts Profile (LCLIP)	LCIP is part of UKCIP's toolbox. The LCLIP process highlights a locality's current vulnerability to severe weather events and how these events affect local communities as well as local authority assets, infrastructure and capacity to deliver services. Understanding current vulnerability can be considered a robust starting point for the preparation of an adaptation strategy.	http://www.ukcip.org.uk/lclip/
Costings	Costings is part of UKCIP's toolbox. Costing the impacts of climate change is a methodology for calculating the costs of climate impacts and describes how to compare these to the costs of adaptation measures.	http://www.ukcip.org.uk/costings/
Preparing for Climate Change: A Guidebook for Local, Regional and State Governments	This guidebook was prepared for ICLEI's climate resilient community program. Its purpose is to help you as a decision-maker in a local, regional, or state government prepare for climate change by recommending a detailed, easy-to-understand process for climate change preparedness based on familiar resources and tools.	http://www.iclei.org/fileadmin/user_upload/documents/Global/Progams/CCP/Adaptation/ICLEI-Guidebook-Adaptation.pdf
Exploration of Tolerable Risk Guidelines (TRG) for the USACE Levee Safety Program	This guide represents a summary of a workshop, held in 2010, to "examine the concepts and principles of tolerability of risk and tolerable risk guidelines (TRG) and to explore their application to, and use in, managing lifesafety, economic, and environmental risk associated with levee systems." TRG is a tool that can to be used to explain and characterize (risk communication) the significance of risk estimates, and it may be used to prioritize among options and to evaluate their urgency for action (risk management).	http://www.iwr.usace.army.mil/docs/iwrreports/10-R-8.pdf
Benefit-Cost Review	The purpose of this guide is to help local jurisdictions understand how to apply the concepts of Benefit-Cost Review to the prioritization of mitigation actions. B-CR involves a thorough and comprehensive treatment of potential benefits and costs, both monetary and non-monetary. It is generally a pre-cursor for BCA.	http://www.fema.gov/library/viewRecord.do?id=2680
Climate Literacy: The Essential Principles of Climate Sciences	The Essential Principles of Climate Science" presents important information for individuals and communities to understand Earth's climate, impacts of climate change, and approaches for adapting and mitigating change.	http://www.climatescience.gov/Library/Literacy/
A Guide to Soliciting Expert Input	This guide is provided to assist project managers/working group leaders in obtaining and compiling much of the information that a NatureServe Vista project requires.	see last bullet at http://www.natureserve.org/prodServices/vista/otherTools.jsp
EPA's Climate Resilience Evaluation & Awareness (CREAT)	CREAT allows users to evaluate potential impacts of climate change on their utility and to evaluate adaptation options to address these impacts using both traditional risk assessment and scenario-based decision making. The tool guides users through identifying threats based on regional differences in climate change projections and designing adaptation plans based on the types of threats being considered. Following assessment, CREAT provides a series of risk reduction and cost reports that will allow the user to evaluate various adaptation options as part of long-term planning.	http://water.epa.gov/infrastructure/watersecurity/climate/creat.cfm
ADAPT	ADAPT allows users to input data to assess their community's vulnerabilities, choose preparedness goals, and develop and prioritize actions. Need to become an ICLEI member.	http://www.icleiusa.org/programs/climate/Climate_Adaptation/adaptation-database-and-planning-tool-adapt
INFORMATION TOOLS		

Water, climate change, and forests: watershed stewardship for a changing climate	This report summarizes the observed and projected effects of climate on the hydrological cycle and forested watersheds. It also outlines adaptive response to change that would help to ensure healthy, resilient watersheds.	http://www.treesearch.fs.fed.us/pubs/35295
ClimatePrediction.net -- Climate Science Explained	The Background Science Section has basic information about climate science, climate modelling, and regional climate modelling.	http://climateprediction.net/content/climate-science-explained
US ACE Institute for Water Resources -- Shared Vision Planning - Standard List of Generic Alternatives	List of adaptation options for water managers.	http://www.sharedvisionplanning.us/resTipsGenericalt.cfm
IWR Planning Suite - User Guide Multicriteria Decision Analysis Module	This document is the user guide to the Army Corp's MCDA module. The Corps currently uses a decision model, IWR-Plan, a tool developed by the US Army Institute for Water Resources. IWR-Plan is limited in its capacity to compare plans effectively because it can only evaluate one type of benefit to produce the incremental cost analysis. An additional module to the IWR-Plan suite includes Multi Criteria Decision Analysis (MCDA) Module and was developed to provide Corps planners with a toolbox for conducting multi criteria decision analysis and exploring multiple dimensions of a planning decision. NOTE: users must register to download software.	http://www.pmcl.com/iwrplan/MCDAUsersGuideSep10.pdf
Evaluating Sustainability of Projected Water Demands in 2050 Under Climate Change Scenarios	The analysis provides a national-scale evaluation of the results of changing water demand and supply, and helps identify regions that are most susceptible to climate change.	http://www.nrdc.org/globalWarming/watersustainability/
US Climate Change Science Program Synthesis and Assessment Product 3.1: Climate Models An Assessment of Strengths and Limitations	This report describes climate models referenced in the 4th Assessment Report by the Intergovernmental Panel on Climate Change (IPCC) and their ability to simulate climate.	http://www.climatescience.gov/Library/sap/sap3-1/final-report/default.htm
IPCC AR4 WG1 The Physical Science Basis: Climate Models and their evaluation (Chap 8)	This chapter assesses the capacity of the global climate models used elsewhere in this report for projecting future climate change. Confidence in model estimates of future climate evolution has been enhanced via a range of advances since the IPCC Third Assessment Report (TAR).	http://www.ipcc.ch/publications_and_data/ar4/wg1/en/ch8.html
IPCC AR4 WG1 The Physical Science Basis: Regional Climate Projections, North America (Chap 11)	Regional climate change projections presented here are assessed drawing on information from four potential sources: AOGCM simulations; downscaling of AOGCM-simulated data using techniques to enhance regional detail; physical understanding of the processes governing regional responses; and recent historical climate change.	http://www.ipcc.ch/publications_and_data/ar4/wg1/en/ch11.html
California (DWR) Water Plan	The California Water Plan provides a framework for water managers, legislators, and the public to consider options and make decisions regarding California's water future. The Plan, which is updated every five years, presents basic data and information on California's water resources including water supply evaluations and assessments of agricultural, urban, and environmental water uses to quantify the gap between water supplies and uses. The Plan also identifies and evaluates existing and proposed statewide demand management and water supply augmentation programs and projects to address the State's water needs.	
California (DWR) Water Code	This site contains legislation related to the California Water Plan.	http://www.waterplan.water.ca.gov/technical/waterplancode.cfm
California (DWR) Statewide Water Analysis Network	The Statewide Analysis Network (SWAN) is an effort coordinated by the California Department of Water Resources to facilitate the collaborative use of data, information and analytical tools for integrated water management. Current (5.11) activities include efforts to generate future climate change scenarios for the 2013 California Water Plan.	http://www.waterplan.water.ca.gov/swan/index.cfm
UKCIP guidance for Stages 1&2	This guidance discusses key issues that should be considered when making the transition from awareness to action. It is aimed at anyone undertaking a climate change risk based assessment as part of an adaptation work program and emphasises the importance of the scoping phase.	http://www.ukcip.org.uk/essentials/adaptation/managing-adaptation/
Water Management Strategies for the California Water Plan	This resource describes 27+ resource management strategies that can help meet various (California) Water Plan objectives. Regional managers can mix and match strategies into response packages, crafting them to provide multiple water and resource benefits, diversify their water portfolio, and become more regionally self-sufficient.	http://www.waterplan.water.ca.gov/cwpu2009/index.cfm#volume2
TRAINING TOOLS		
COMET/MetEd Training modules - Climate	see module: *Climate change fitting the pieces together*. this is a basic level lecture on climate and climate change. (Others modules on this page may also be helpful.)	http://www.meted.ucar.edu/topics_climate.php
COMET/MetEd Training modules - Hydrology	Basic, intermediate and advanced level training in hydrology. Several modules could be useful.	http://www.meted.ucar.edu/topics_hydro.php
NASA/CIMESS Climate Literacy Ambassadors	The distance learning curriculum utilizes e-learning technology to clarify graphs and concepts from the 2007 Intergovernmental Panel on Climate Change Summary for Policy Makers with content intricately linked to the Essential Principles of Climate Literacy. The **Regional Climate Change** unit might be particularly useful here.	http://cimss.ssec.wisc.edu/climatechange/
The University of Queensland's Creating climate adaptable settlements: Building resilience through adaptive planning	This short course is aimed at planning practitioners engaged in policy development and decision-making at all levels of government and to those who will be working within these frameworks.	http://ccas.gpem.uq.edu.au/
ICLEI Climate Adaptation Training Series	COMING SOON to ICLEI	http://www.icleiusa.org/programs/climate/Climate_Adaptation/climate-adaptation-trainings
Building Scenarios	This University of Arizona site presents the essential steps in building scenarios and reviews options for simple or complex scenario building.	http://ag.arizona.edu/futures/tou/tut2-buildscenarios.html
"Planning for Climate Change" Workshop	While the workshop lays a foundation in science, it primarily focuses on actions that can be taken to prepare and adapt to the anticipated impacts of climate change. A foundational component of this workshop was the authoritative guidebook "Preparing for Climate Change: A Guidebook for Local, Regional, and State Governments," co-authored by two of the original instructors of this workshop.	http://www.nerrs.noaa.gov/CTPIndex.aspx?ID=455
Conducting Needs Assessments	NOAA Coastal Services has developed an online self-guided course which introduces coastal management professionals to needs assessments and how to conduct one. By systematically assessing target audience needs, coastal programs can determine a focus and direction and make better-informed decisions about program or project objectives.	http://www.csc.noaa.gov/training/needs-assessment.html