TABLE 1. Documents that provide guidance

reference	title	document type	primary organizations involved	target audience	summary
NAVFAC 2017	Climate Change Installation Adaptation & Resilience Planning Handbook	planning handbook	Naval Facilities Engineering Command Headquarters	planners	Provide the analytical framework and methodology to help Navy Master Development Planners understand how to consider climate change in their plans and projects. Most examples illustrate climate change impacts and potential adaptation measures focused on coastal hazards (e.g., flooding and storm surge damage) and their impacts on infrastructure.
Reclamation 2016	Considerations for Selecting Climate Projections for Water Resources, Planning, and Environmental Analyses	guidance document	Bureau of Reclamation (Reclamation)	technical specialists, planners and managers	overviews primary considerations relevant to selecting appropriate climate change information for use in a given water resources, planning, or environmental analysis; also provides a concise summary of existing climate projection datasets and established methods for selecting a set of climate projections from a given dataset for detailed analysis
Olsen et al. 2015	Adapting Infrastructure and Civil Engineering Practice to a Changing Climate	a professional society sponsored white paper	American Society of Civil Engineers, Committee on Adaptation to a Changing Climate	civil engineers, including water resources	helps civil engineers navigate a climate is changing by summarizing relevant climate science, defining potential impacts on civil engineering sectors, and offering potential pathways to address the impacts
Reclamation 2014a	Technical Guidance for Incorporating Climate Change Information into Water Resources Planning Studies	technical guidance	Reclamation	water managers at Reclamation	provides guidance to help study teams navigate the range of planning and technical methodological choices available to account for climate change impacts
Reclamation 2014b	Climate Change Adaptation Strategies	strategy overview	Reclamation	water managers at Reclamation	outlines a strategy to improve Reclamation's ability to consider climate change information in agency decision making through: Increase Water Management Flexibility, Enhance Climate Adaptation Planning, Improve Infrastructure Resiliency, Expand Information Sharing
USACE 2014, 2016	Guidance for Incorporating Climate Change Impacts to Inland Hydrology in Civil Works Studies, Designs, and Projects	Engineering and Construction Bulletin	US Army Corps of Engineers (USACE)	engineers at USACE	provides information to support a qualitative assessment of the impacts of climate change in hydrologic analyses in accordance with the USACE overarching climate change adaptation policy
EPA and CWDR 2011	Climate Change Handbook for Regional Water Planning	handbook	US Environmental Protection Agency, CA Depart of Water Resources, Resources Legacy Fund, USACE	watershed planning practitioners	outlines steps to incorporate analysis of climate change in the regional water planning process, reviews actions various agencies and planning entities are taking with respect to climate change, and provides guidance for developing regionally specific strategies for addressing climate change impacts, focused on CA Integrated Regional Water Management Planning process
Mote et al. 2011	Guidelines for Constructing Climate Scenarios	peer review paper	EOS article	scientists and managers	gives a short overview of challenges and lists seven guidelines to help scientists and managers who intend to use climate model scenarios for impact or climate diagnostic research
Means et al. 2010	Decision Support Planning Methods: Incorporating Climate Change Uncertainties into Water Planning	white paper	Water Utility Climate Alliance	water utilities	presents multiple- outcome planning techniques to water utilities interested in incorporating climate change into their planning
Knutti et al. 2010a	Good Practice Guidance Paper on Assessing and Combining Multi Model Climate Projections	meeting report	Intergovernmental Panel on Climate Change	climate scientists	illustrates the potential for, and limitations of, combining multiple global climate models for selected applications
Brown et al. 2010	Managing Climate Risk in Water Supply Systems	manual with educational exercises	The International Research Institute for Climate and Society	technical professionals, focuses primarily on water reservoir management	helps guide water resources managers to engage in dialogue with relevant partners and understand the appropriate questions to ask, intended to be a learning tool to be used with a companion series of practical exercises
Barsugli et al. 2009	Options for Improving Climate Modeling to Assist Water Utility Planning for Climate Change	white paper	Water Utility Climate Alliance	water utilities and climate scientists	explains how climate models work, describes how water utilities have used climate models and downscaling to assess impacts and develop adaptation options; intended to catalyze continued dialogue between water utilities, climate modeling and research community, and federal agencies on addressing water sector climate adaptation needs