

Mark T. Anderson is Director of the South

Dakota Water Science Center (SDWSC) for the U.S. Geological Survey (USGS) and

Chairman of the Yellowstone River Compact Commission. He has served in a number of leadership positions during his career;

Associate Director of the Arizona Water Science Center; Senior Policy Analyst in the Executive Office of the President working with



the President’s Science Advisor; Acting Director of the Northern Prairie Wildlife Research Center and most recently as Acting Director of the Earth Resources Observations and Science (EROS) Center near Sioux Falls. EROS is the largest science center in the USGS and specializes in satellite-based remote sensing. The SDWSC conducts basic hydrologic data collection (about 130 streamflow and other gages) and scientific investigations, such as climate modeling, groundwater modeling, paleoflood hydrology and anthropogenic organic compounds in drinking water. He has published papers on ground-water overdraft, storage depletion and land subsidence of Arizona basin fill aquifers. He worked on flow and sediment transport problems on the Colorado River in Grand Canyon and directed aspects of the first controlled-flood experiment on a large river, the Colorado River below Glen Canyon Dam, in 1996. Mark was awarded the Secretary of Interior’s “Unit Award for Excellence in Service” as a member of the USGS scientific team that conducted the experiment. Mark is the author of a USGS Circular (1261) entitled: “Water Availability for the Western United States—Key Scientific Challenges”. Mark is a Black Hills area native and a graduate and adjunct faculty member of the South Dakota School of Mines and Technology with degrees in Chemistry (BS-1974) and Civil Engineering (MS-1980). Mark and his wife Carla live in Rapid City and have two adult sons and families living in Sioux Falls, SD, and Tucson, AZ.