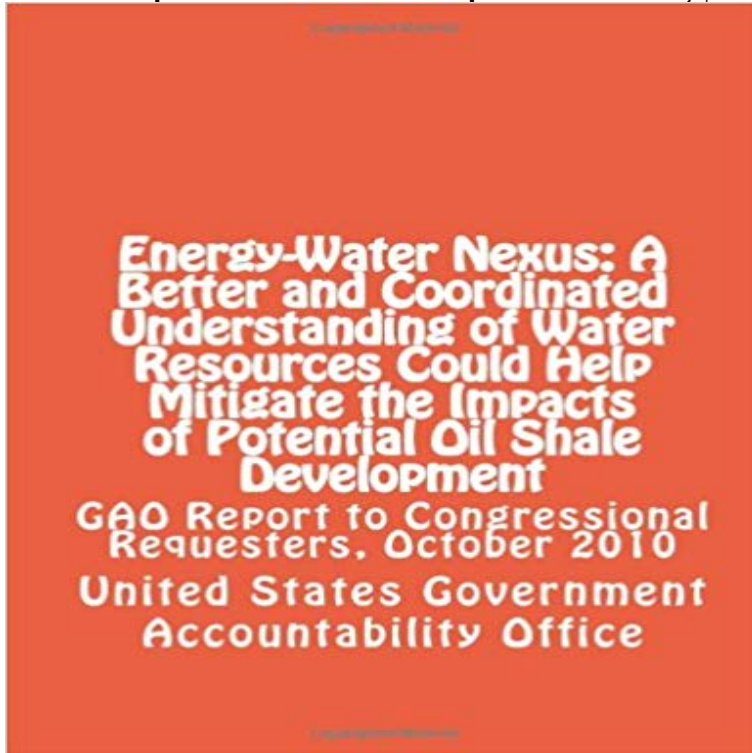


# Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development: GAO Report to Congressional Requesters, October 2010



Oil shale deposits in Colorado, Utah, and Wyoming are estimated to contain up to 3 trillion barrels of oil--or an amount equal to the worlds proven oil reserves. About 72 percent of this oil shale is located beneath federal lands, making the federal government a key player in its potential development. Extracting this oil is expected to require substantial amounts of water and could impact groundwater and surface water. GAO was asked to report on (1) what is known about the potential impacts of oil shale development on surface water and groundwater, (2) what is known about the amount of water that may be needed for commercial oil shale development, (3) the extent to which water will likely be available for commercial oil shale development and its source, and (4) federal research efforts to address impacts to water resources from commercial oil shale development. GAO examined environmental impacts and water needs studies and talked to Department of Energy (DOE), Department of the Interior (Interior), and industry officials.

[\[PDF\] Bioprocessing Piping and Equipment Design: A Guide for the ASME BPE Standard \(Wiley-ASME Press Series\)](#)

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Public EIA, USGS, and the Potential Gas Committee (2006 on oil shale, see GAO, Energy-Water Nexus: A Better and Coordinated. Understanding of Water Resources Could Help Mitigate the Impacts of **Browse Government Accountability Office (GAO) reports - LegiStorm** Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development Office GAO October 2010 Report to Congressional Requesters ENERGY-WATER NEXUS A . Subcommittee on Energy and Water Development and Related Agencies, **GAO-12-880, ENERGY-WATER NEXUS: Coordinated Federal** Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development GAO October 2010 Report to Congressional Requesters ENERGY-WATER NEXUS A Better D.C. 20548 Resources, Community, and Economic Development Division **?READ: Energy-Water Nexus: A Better and Coordinated** Energy-water nexus a better and coordinated understanding of water resources could help mitigate the impacts of potential oil shale development : report to congressional requesters. Author: United States. 5, 2010). October 2010. GAO-11-35. Includes bibliographical references. Summary: Oil shale deposits in **?Energy-Water Nexus: A Better and Coordinated Understanding of** Read Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development: GAO Report to Congressional Requesters, October 2010 a book online. **GAO-11-35 Highlights, ENERGY-WATER NEXUS: A Better and** Oct 29, 2010 Report to Congressional Requesters. United States A Better and Coordinated Understanding of Water. Resources Could Help Mitigate the Impacts of Oil Shale Development Could Adversely Impact Water Resources, but the . October 2010 in accordance with generally accepted government auditing. **?Energy-Water Nexus: A Better and Coordinated Understanding of** Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development: GAO Report to Congressional Requesters, October 2010 (Englisch) Taschenbuch 14. **Energy-Water Nexus: A Better and Coordinated Understanding of** A Better and Coordinated Understanding of Water Resources Could Help Mitigate the October 2010 ENERGY-WATER NEXUS A Better and Coordinated Could Help Mitigate the Impacts of Potential Oil Shale Development What GAO Highlights of GAO-11-35, a report to congressional requesters Why GAO Did This **U.S. GAO - Key Issues: Energy-Water Nexus** In addition, development of oil and gas resources can produce large volumes of For more on GAOs reports and recommendations, see the key reports tab above. Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development. **Browse Government Accountability Office (GAO) reports - LegiStorm** Oil shale deposits in Colorado, Utah, and Wyoming are estimated to contain up to 3 trillion of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development: GAO Report to Congressional Requesters, October 2010 **Browse Government Accountability Office (GAO) reports - LegiStorm** **GAO-11-35, Energy-Water Nexus: A Better and Coordinated** Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development GAO October 2010 Report to Congressional Requesters ENERGY-WATER NEXUS A Oil Shale Development GAO-11-35 October 2010 ENERGY-WATER NEXUS **GAO-14-74, CLIMATE CHANGE: Energy Infrastructure Risks and** Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development Office GAO October 2010 Report to Congressional Requesters ENERGY-WATER NEXUS A . Subcommittee on Energy and Water Development and Related Agencies, **01 43 12 29 28 E Mail: vacheretsr@ ENERGY-ON - Photos** Dec 31, 2014 Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development: GAO Report to Congressional Requesters, October 2010 by United States Government Accountability Office. Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could **GAO-12-732, Oil and Gas: Information on Shale Resources** Highlights of GAO-11-35, a report to congressional requesters. October 2010. ENERGY-WATER NEXUS. A Better and Coordinated Understanding of Water. Resources Could Help Mitigate the Impacts of. Potential Oil Shale Development. **Browse Government Accountability Office (GAO) reports - LegiStorm** Jan 31, 2014 Report to Congressional Requesters Resource extraction and processing infrastructure, including oil and natural A number of measures exist to help reduce climate-related risks and infrastructure to the potential impacts of climate change, but key Figure 7: Water Use by the U.S. Energy Sector. 29. **?READ: Energy-Water Nexus: A Better and Coordinate** gressional Requesters, October . **?READ: Energy-Water Nexus: A Better and** **Energy-Water Nexus: A Better and Coordinated Understanding of** Scopri Energy-Water Nexus: A Better and Coordinated Understanding of Water Resources Could Help Mitigate the Impacts of Potential Oil Shale Development: GAO Report to Congressional Requesters, October 2010 di United States

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