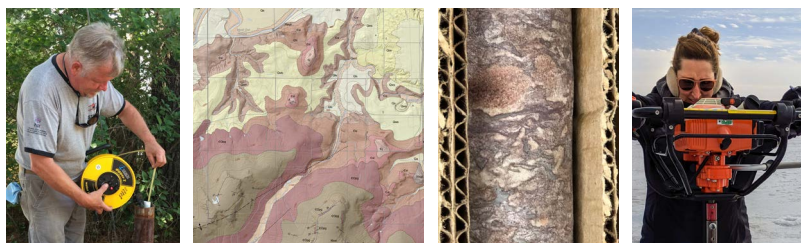


ACTIVE AND RECENTLY COMPLETED
Sponsored research at the Survey

2019

Sponsor, project name, principal investigator(s)	Sponsored amount	Years
U.S. Geological Survey		
Data Preservation: Preserving geoscience materials in two active collections (geophysical logs and Quaternary core) <i>Carol McCartney</i>	\$32,226	2018–2019
Data Preservation: Identifying critical minerals data, converting maps to GeMS format, and updating National Digital Catalog collections <i>Carol McCartney, Carsyn Ames, Brad Gottschalk, Caroline Rose, Esther Stewart</i>	\$44,302	2019–2020
Great Lakes Geologic Mapping Coalition: Glacial mapping of Bayfield County <i>J. Elmo Rawling III</i>	\$87,892	2018–2020
Great Lakes Geologic Mapping Coalition: Glacial mapping of Jefferson County <i>J. Elmo Rawling III</i>	\$38,596	2019–2020
National Ground-Water Monitoring Network: Ongoing Improvements to the Wisconsin Groundwater-Level Monitoring Network <i>Mike Parsen, Pete Chase</i>	\$255,381 <i>(to date)</i>	2016–2020
STATEMAP: Bedrock geology of Dodge County <i>Esther Stewart</i>	\$267,072	2015–2019
STATEMAP: Bedrock geology of Jefferson County <i>Esther Stewart</i>	\$82,942 <i>(to date)</i>	2019–2021
STATEMAP: Quaternary geology of Driftless Area <i>Eric Carson</i>	\$474,508	2012–2020
Groundwater Coordinating Council		
Geologic sources of radium to municipal wells in Wisconsin <i>Madeline Gotkowitz, Pete Chase (with Matthew Ginder-Vogel, UW–Madison)</i>	\$132,672	2018–2020
Multi-instrument stream surveys with continuous data for better understanding of groundwater/surface-water interactions in Wisconsin <i>David Hart (with Sue Swanson, Beloit College)</i>	\$93,425	2017–2019
Characterization of the geology and hydrogeology of the Rountree Formation in southwestern Wisconsin <i>Eric Carson</i>	\$103,549	2019–2021
Aerial thermal imaging of Wisconsin’s groundwater, springs, thin soils, and slopes <i>David Hart, J. Elmo Rawling III</i>	\$42,332	2019–2020

(continued)



2019

ACTIVE AND RECENTLY COMPLETED
Sponsored research at the Survey

Sponsor, project name, principal investigator(s)	Sponsored amount	Years
Wisconsin Department of Natural Resources		
Central Sands lakes study <i>David Hart, J. Elmo Rawling III, Mike Parsen</i>	\$269,877	2016–2021
Baseline monitoring of springs in Wisconsin <i>David Hart (with Sue Swanson, Beloit College)</i>	\$102,954	2017–2019
Hydrogeologic field investigation and contaminant transport modeling for the Nitrate Demonstration project <i>Madeline Gotkowitz, Ken Bradbury</i>	\$171,786	2017–2019
Wisconsin local government (county projects)		
Bayfield County: Groundwater atlas <i>Madeline Gotkowitz, Ken Bradbury</i>	\$82,309	2017–2019
Grant, Iowa, and Lafayette Counties: Southwest Wisconsin groundwater and geology (SWIGG) study <i>Ken Bradbury</i>	\$118,299	2018–2019
Other		
National Science Foundation: Channeling insights in transport through fractured rock by observation, modeling, and upscaling <i>Madeline Gotkowitz, David Hart, Pete Chase (with Mike Cardiff, UW–Madison)</i>	\$63,122	2017–2020
The Nature Conservancy: Simulating cumulative impacts of land use and groundwater pumping to wetlands and other aquatic resources in the Mukwonago River Watershed <i>David Hart</i>	\$189,963	2016–2019
The Nature Conservancy: Water quality indicators of human impacts to the wetlands of Door County, Wisconsin <i>David Hart</i>	\$40,834	2017–2019
U.S. Forest Service: Groundwater interactions with fractured bedrock in a deep monitoring well, Chequamegon-Nicolet National Forest <i>David Hart</i>	\$133,495	2016–2019
U.S. Forest Service and Wisconsin Department of Natural Resources (Good Neighbor Authority): Inventorying groundwater and geological resources and investigating groundwater–surface-water management issues, Chequamegon-Nicolet National Forest <i>David Hart, J. Elmo Rawling III</i>	\$279,946	2019–2021