



**ACTIVE AND RECENTLY COMPLETED**

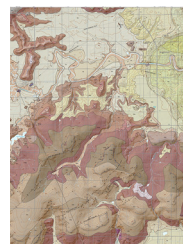
# Sponsored research at the Survey

# 2018

Sponsor, project name, principal investigator(s)	Sponsored amount	Years
<b>U.S. Geological Survey</b>		
Data Preservation: Lehmann mineral exploration documents— preservation and access <i>Carol McCartney</i>	\$40,890	2017–2018
Data Preservation: Preserving geoscience materials in two active collections (geophysical logs and Quaternary core) <i>Carol McCartney</i>	\$32,226	2018–2019
Great Lakes Geologic Mapping Coalition: Glacial mapping of western Waushara County <i>J. Elmo Rawling III</i>	\$104,857	2016–2018
Great Lakes Geologic Mapping Coalition: Glacial mapping of Bayfield County <i>J. Elmo Rawling III</i>	\$60,000 <i>(to date)</i>	2018–2020
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 Trempealeau County <i>Jay Zambito</i>	\$104,748	2016–2018
STATEMAP: Quaternary geology of Driftless Area <i>Eric Carson</i>	\$347,767 <i>(to date)</i>	2013–2020
<b>Groundwater Coordinating Council</b>		
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
Mapping the base of the Cambrian aquifer through geophysical modeling of Precambrian topography, southern Wisconsin <i>Esther Stewart, Madeline Gotkowitz (with Latisha Brengman, UM-Duluth; John Skalbeck, UW-Parkside)</i>	\$30,747	2017–2018
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	2017–2018

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Sponsor, project name, principal investigator(s)	Sponsored amount	Years
<b>Wisconsin Department of Natural Resources</b>		
<b>Central Sands Lake Study</b> <i>David Hart, J. Elmo Rawling III, Mike Parsen</i>	\$183,166	2016–2018
<b>Columbia County groundwater model calibration and archive</b> <i>Madeline Gotkowitz</i>	\$15,000	2017–2018
<b>Baseline monitoring of springs in Wisconsin</b> <i>David Hart (with Sue Swanson, Beloit College)</i>	\$97,159	2017–2019
<b>Wisconsin local government (county projects)</b>		
<b>Bayfield County: Groundwater atlas</b> <i>Madeline Gotkowitz, Ken Bradbury</i>	\$82,309	2017–2019
<b>Grant County: Southwest groundwater study—Phase 1</b> <i>Ken Bradbury</i>	\$51,793	2018–2019
<b>Other</b>		
<b>National Science Foundation: Channeling insights in transport through fractured rock by observation, modeling, and upscaling</b> <i>Madeline Gotkowitz, David Hart, Pete Chase (with Mike Cardiff, UW–Madison)</i>	\$54,586	2017–2020
<b>The Nature Conservancy: Simulating cumulative impacts of land use and groundwater pumping to wetlands and other aquatic resources in the Mukwonago River Watershed</b> <i>David Hart</i>	\$189,963	2016–2019
<b>The Nature Conservancy: Water quality indicators of human impacts to the wetlands of Door County, Wisconsin</b> <i>David Hart</i>	\$40,834	2017–2019
<b>NOAA Wisconsin Sea Grant: A comprehensive analysis of sediment delivery to Lake Michigan from coastal bluffs in southeastern Wisconsin</b> <i>J. Elmo Rawling III (with Luke Zoet, UW–Madison)</i>	\$238,000	2018–2020
<b>U.S. Forest Service: Groundwater interactions with fractured bedrock in a deep monitoring well, Chequamegon-Nicolet National Forest</b> <i>David Hart</i>	\$133,495	2016–2019

## WISCONSIN GEOLOGICAL & NATURAL HISTORY SURVEY

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