Wisconsin Geological and Natural History Survey

Water resource projects—2011

Contact: **Kenneth R. Bradbury**, krbradbu@wisc.edu

County

1. Groundwater resources of Columbia County *(Madeline B. Gotkowitz)*
2. Occurrence and pathways of human viruses in deep municipal wells: Dane County *(Kenneth R. Bradbury)*
3. New groundwater flow model of Dane County *(Kenneth R. Bradbury)*
4. Effects of unsewered subdivisions on groundwater: Dane County *(Kenneth R. Bradbury)*
5. Groundwater investigations of the Mink River Estuary: Door County *(Kenneth R. Bradbury)*
6. Groundwater resources of Iowa County *(Madeline B. Gotkowitz)*
7. Preferential flow paths in heterogeneous glacially deposited aquitards: Outagamie County *(David J. Hart)*
8. Identification of groundwater supply areas for dragonfly-critical habitat in Cedarburg Bog: Ozaukee County *(David J. Hart)*

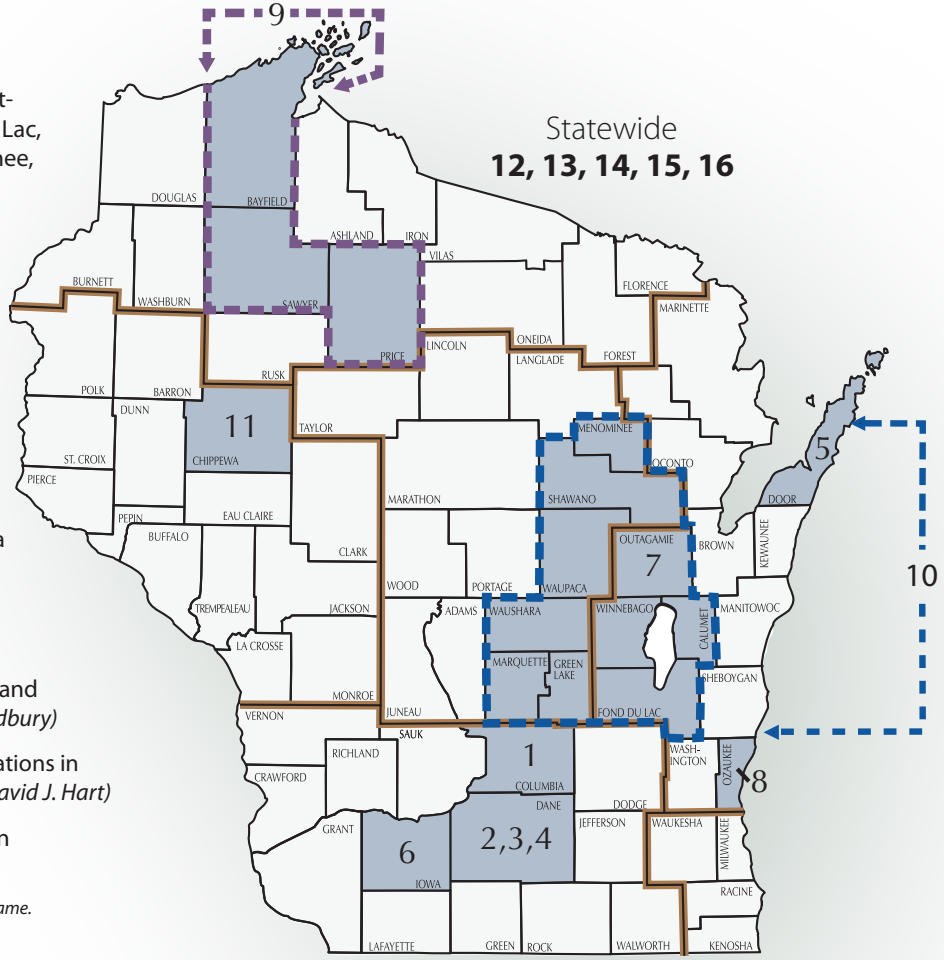
Regional

9. Hydrogeology of the Chequamagon–Nicolet National Forest: Bayfield, Price, and Sawyer Counties *(Kenneth R. Bradbury)*
10. Groundwater recharge in the east-central region: Calumet, Fond du Lac, Green Lake, Marquette, Menominee, Outagamie, Shawano, Waupaca, Waushara, and Winnebago Counties *(David J. Hart)*
11. Impacts of sand mines on groundwater resources *(Madeline B. Gotkowitz)*

Statewide

12. Characterizing aquifer heterogeneity using distributed temperature sensing and heat as a tracer *(David J. Hart)*
13. Groundwater level observation network *(Peter M. Chase)*
14. Hydrogeology of fractured rocks and karst in Wisconsin *(Kenneth R. Bradbury)*
15. Reverse groundwater head fluctuations in isolated low-conductivity units *(David J. Hart)*
16. Techniques of aquitard evaluation *(Kenneth R. Bradbury)*

The principal investigator is listed after the project name.



Wisconsin Geological and Natural History Survey
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water resources