

WISCONSIN'S FRESHWATER IS GETTING SALTY

November 24
10:15am | Borgwardt Hall

Road salt is often thought of as an “environmentally safe” chemical. However, at high concentrations, chloride can alter aquatic ecosystems by stressing freshwater species, and by deteriorating drinking water sources. For 70+ years, we have applied road salt to paved surfaces, without any regard for the environmental consequences. This forum will focus on long-term chloride trends and the state of our lakes in Wisconsin with regard to chloride contamination. Dugan will identify what lakes are at risk, and what is currently being done locally in Madison and Wisconsin to curtail further environmental damage.



Caring for Creation (C4C) will be offering five forums this year and the full schedule is available in the current C4C/C4SJ brochure, at the reception desk and online at www.bethel-madison.org/caring-creation.



Hilary Dugan is an assistant professor at the Center for Limnology at the University of Wisconsin-Madison. As a limnologist, Hilary studies how terrestrial and atmospheric changes, such as warming air temperatures or land use patterns, alter biogeochemical fluxes and aquatic processes in lakes. Her research balances field based programs, which rely heavily on sensor networks, with the use and development of analytical models, and the application of geophysical and geospatial tools. Her research focus is on temperate and polar lakes, with sites spanning from Wisconsin to Antarctica.



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