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State of Minnesota

HOUSE OF REPRESENTATIVES

NINETY-FIRST SESSION

H. F. No. 1251

02/14/2019 Authored by Wagenius, Acomb, Mahoney, Christensen, Bierman and others
The bill was read for the first time and referred to the Committee on Ways and Means

1.1 A bill for an act
1.2 relating to environment; appropriating money for a climate study to be conducted
1.3 by the University of Minnesota.

1.4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

1.5 Section 1. SMALL-AREA CLIMATE MODEL PROJECTIONS FOR MINNESOTA;
1.6 APPROPRIATION.

1.7 (a) Notwithstanding Minnesota Statutes, section 116C.779, subdivision 1, paragraph (j),
1.8 \$411,000 in fiscal year 2020 is appropriated from the renewable development account
1.9 established in Minnesota Statutes, section 116C.779, subdivision 1, paragraph (a), to the
1.10 Board of Regents of the University of Minnesota to conduct a study that produces climate
1.11 model projections for the entire state of Minnesota in blocks as small as ten square miles
1.12 in area.

1.13 (b) At a minimum, the study must:

1.14 (1) use resources at the Minnesota Supercomputing Institute to analyze high-performing
1.15 climate models under moderate and high greenhouse gas emissions scenarios to develop a
1.16 series of projections of temperature, precipitation, snow cover, and a variety of other climate
1.17 parameters over the rest of this century;

1.18 (2) downscale the climate impact results under clause (1) to areas as small as ten square
1.19 miles;

1.20 (3) develop a publicly accessible data portal website to (i) allow other universities,
1.21 nonprofit organizations, businesses, and government agencies to use the model projections,
1.22 and (ii) educate and train users how to make best use of the data;

2.1 (4) incorporate information on how to use the model results in the University of
2.2 Minnesota Extension existing online climate adaptation training; and

2.3 (5) hold at least two "train the trainer" workshops for state agencies, municipalities, and
2.4 others to educate colleagues how to use and interpret the data for climate adaptation efforts.

2.5 (c) Beginning July 1, 2020, and continuing each July 1 through 2022, the University of
2.6 Minnesota must provide a written report to the chairs and ranking minority members of the
2.7 senate and house of representatives committees with primary jurisdiction over agriculture,
2.8 energy, and environment. The report must document the progress made on the study and
2.9 study results, and must note any obstacles encountered that could prevent successful
2.10 completion of the study.

2.11 **EFFECTIVE DATE.** This section is effective the day following final enactment.