



HR0439

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1 HOUSE RESOLUTION

2 WHEREAS, Healthy and vibrant communities are essential to
3 the development and maintenance of a strong work force and
4 general populace, which in turn supports a sustainable and
5 robust manufacturing and business climate, which is essential
6 to a healthy and growing economic climate in Illinois; and

7 WHEREAS, Research, innovation, market development,
8 education, and training are all vital components to a robust
9 economic climate in Illinois; and

10 WHEREAS, Healthy environments include clean and
11 sustainable water resources, and clean air supported by the
12 best practices in emissions from energy, manufacturing, and
13 food production; and

14 WHEREAS, The future water needs of Illinois residents and
15 businesses may increase by 20 to 50% in the coming decades;
16 diseases transmitted by animals and through contaminated water
17 jeopardize the health of Illinois families and workers; too
18 much or too little rain can have dire impacts on lives,
19 property, agriculture, and water supplies; and

20 WHEREAS, New and renewable energy sources and methods for
21 mitigating greenhouse gas emissions are needed to protect our

1 environment while meeting future energy needs and supporting
2 community resiliency; and

3 WHEREAS, Changing environmental conditions, insect pests,
4 invasive plants and fish, and land erosion threaten crop
5 production and commercial activities, potentially costing the
6 Illinois economy billions of dollars; requiring conservation
7 and effective management of natural resources are especially
8 important today with changing land uses and declining natural
9 habitats; and

10 WHEREAS, Illinois history and cultural resources are at
11 risk as archaeological sites and artifacts are continually
12 under threat; proper stewardship is needed to protect these
13 resources for future generations; and

14 WHEREAS, The Illinois economy is enhanced by the research
15 and sustainable practices developed and shared through
16 extension practices at several State universities and research
17 institutions, such as the Prairie Research Institute at the
18 University of Illinois; and

19 WHEREAS, Applied research refers to scientific study and
20 research that seeks to find solutions and solve practical
21 everyday problems, cure illness, and develop innovative
22 technologies; and

1 WHEREAS, Basic scientific research is defined as
2 fundamental or experimental investigative research to advance
3 knowledge without a specifically envisaged or immediately
4 practical application, and where the partnership between basic
5 and applied research is the bedrock of innovation and economic
6 development; and

7 WHEREAS, New scientific knowledge is essential not only for
8 fostering innovation and promoting economic development, but
9 also for informing good policy development, and as a sound
10 foundation for education and training; the integration of basic
11 and applied research is crucial to problem-solving,
12 innovation, and product development; and

13 WHEREAS, The Prairie Research Institute at the University
14 of Illinois is home to five State Scientific Surveys, including
15 the Illinois Natural History Survey, the Illinois State
16 Archaeological Survey, the Illinois State Geological Survey,
17 the Illinois State Water Survey, and the Illinois Sustainable
18 Technology Center; and

19 WHEREAS, The history of the surveys and their service to
20 the residents of Illinois date to the mid-1800s and their
21 collections of biological, geological, and archeological
22 specimens and artifacts are equal to many scientific

1 institutions and museums around the world; and

2 WHEREAS, The researchers and staff of the Prairie Research
3 Institute at the University of Illinois have been recognized
4 for their expertise and practical innovation in multiple
5 scientific fields, manufacturing applications, and
6 agricultural development; therefore, be it

7 RESOLVED, BY THE HOUSE OF REPRESENTATIVES OF THE ONE
8 HUNDREDTH GENERAL ASSEMBLY OF THE STATE OF ILLINOIS, that the
9 Prairie Research Institute at the University of Illinois is
10 recognized for its excellence in research and development of
11 practical applications and practices that help address
12 multiple health, environmental, agricultural, and
13 manufacturing problems facing Illinois residents and
14 businesses; and be it further

15 RESOLVED, That the State of Illinois reaffirms its support
16 for both basic and applied research, advocates for the Prairie
17 Research Institute at the University of Illinois, and
18 recognizes that such institutions are a vital component of the
19 Illinois economy and general welfare of the residents of the
20 State of Illinois; and be it further

21 RESOLVED, That suitable copies of this resolution be
22 presented to the Governor, the Secretary of State, the Chairman

1 of the Board of Trustees of the University of Illinois, the
2 President of the University of Illinois, and the Executive
3 Director of the Prairie Research Institute.