## Senate Bill 841

Sponsored by Senator DEVLIN; Senator AVAKIAN

## SUMMARY

The following summary is not prepared by the sponsors of the measure and is not a part of the body thereof subject to consideration by the Legislative Assembly. It is an editor's brief statement of the essential features of the measure **as introduced.** 

Requires Institute for Natural Resources to study global warming. Appropriates moneys from General Fund to Department of Higher Education for study. Sunsets January 2, 2010.

Declares emergency, effective July 1, 2007.

## A BILL FOR AN ACT

2 Relating to a study of global warming; appropriating money; and declaring an emergency.

3 Whereas the world's leading climate scientists have documented a clear global warming trend

4 caused by greenhouse gases that get trapped and build up heat in the atmosphere near the earth's
5 surface; and

6 Whereas global warming of the magnitude now predicted by many in the scientific community 7 is likely to cause serious and costly disruption to human and natural systems in Oregon and

8 throughout the world; and

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9 Whereas changes in weather patterns attributable to global warming pose a significant threat 10 to the Pacific Northwest, its forest habitat, air quality, sea levels and, most importantly, its water 11 cycle and stream flows, on which this state's water, power and agricultural systems depend; and

12 Whereas Oregon's economy, natural resources and livability may all be dramatically affected by 13 global warming, rising temperatures and declining snowpack, which feeds Oregon's rivers and pro-14 vides the region's water supply; and

15 Whereas proper management of our hydroelectric power production, water supply systems, 16 fisheries, agriculture and forestland all depend on adequate and predictable water supply levels; and 17 Whereas the Seventy-fourth Legislative Assembly finds that in order to better prepare and 18 manage water resources in anticipation of fluctuating water levels and capacity due to global 19 warming, more information is needed about its impacts on future water supply and whether the 20 current level of water will be available due to global warming and the increasing drought cycles 21 anticipated with global warming; now, therefore,

22 Be It Enacted by the People of the State of Oregon:

23 <u>SECTION 1.</u> (1) The Institute for Natural Resources shall undertake a study of global
 24 warming to examine the effects on the Deschutes, Klamath, Rogue, Umatilla and Willamette
 25 River Basins, and the Northern Oregon Coast.

(2) In conducting the study, the institute shall work with the Department of Environ mental Quality, the State Department of Fish and Wildlife, the State Forestry Department,
 the Department of State Lands, the Water Resources Department and the Oregon Watershed
 Enhancement Board.

30 (3) The study shall include, but need not be limited to, a review of the following factors:

(a) How and if climate change will affect stream flow, including the timing and volume 1  $\mathbf{2}$ of water flow; 3 (b) The connection between stream flow and snowpack and the potential effect of fluctuating snowpack levels on water supply; and 4 (c) The ability of the State of Oregon to meet both current and future in-stream and  $\mathbf{5}$ out-of-stream uses. 6 (4) The institute shall apply for any federal funding available and may seek gifts, grants 7and donations for the purpose of carrying out the provisions of this section. 8 9 (5) The institute shall report the results of the study to the Seventy-fifth Legislative Assembly not later than February 1, 2009. 10 SECTION 2. In addition to and not in lieu of any other appropriation, there is appropri-11 12ated to the Department of Higher Education, for the biennium beginning July 1, 2007, out of the General Fund, the amount of \$\_\_\_\_\_, which may be expended for carrying out the 13 purposes of section 1 of this 2007 Act. 14 15 SECTION 3. Section 1 of this 2007 Act is repealed on January 2, 2010. 16 SECTION 4. This 2007 Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this 2007 Act takes effect 1718 July 1, 2007.

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