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Original sponsors: Koponen and Davis

1 IN THE HOUSE

BY THE HEALTH, EDUCATION AND
SOCIAL SERVICES COMMITTEE

2

CS FOR HOUSE BILL NO. 54 (HESS)

3

IN THE LEGISLATURE OF THE STATE OF ALASKA

4

FIFTEENTH LEGISLATURE - FIRST SESSION

5

A BILL

6 For an Act entitled: "An Act creating an Alaska earthquake and volcano
7 hazards assessment project."

8 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

9 * Section 1. FINDINGS. The legislature finds that the systematic
10 collecting, recording, processing, and archiving of seismic data on earth-
11 quakes and volcanic eruptions and the evaluation of the data to identify
12 and assess potential earthquake and volcanic hazards throughout the state
13 are in the public interest and necessary to orderly, safe, and cost-effec-
14 tive economic development and land-use planning.

15 * Sec. 2. AS 14.40 is amended by adding a new section to read:

16 Sec. 14.40.075. ESTABLISHMENT OF ALASKA EARTHQUAKE AND VOLCANIC
17 HAZARDS ASSESSMENT PROJECT. (a) The University of Alaska shall
18 establish an Alaska earthquake and volcano hazards assessment project
19 within the seismology program of the geophysical institute. The
20 project shall

21 (1) collect, record, process, and archive seismic data on
22 earthquakes and volcanic eruptions in the state;

23 (2) conduct seismological studies relating to earthquake
24 and volcano hazards assessment;

25 (3) evaluate earthquake and volcanic seismic data to assist
26 in the identification and assessment of earthquake and volcanic haz-
27 ards that may pose a significant risk to lives and property in the
28 state;

29 (4) inform public officials, industry, and private citizens

1 of potential earthquake or volcanic risks and assist in planning to
2 reduce risks to lives and property; and

3 (5) coordinate its activities with other organizations and
4 agencies that monitor, collect, assess, and conduct research on earth-
5 quake and volcano hazards in order to avoid duplication of effort.

6 (b) The administration and management of the project is under a
7 university employee designated the state seismologist. The state
8 seismologist shall provide timely information concerning earthquake
9 and volcano hazards to public officials, industry, and private citi-
10 zens and serve as liaison to state and federal agencies in the event
11 of emergencies due to seismic and volcanic activities.

12 * Sec. 3. AS 41.08.017(b) is repealed and reenacted to read:

13 (b) Systematic collecting, evaluation, archiving, and distribu-
14 tion of geologic data and information on earthquakes, volcanic erup-
15 tions, and engineering geology and identification of potential seis-
16 mic, volcanic, and other geological hazards throughout the state are
17 in the public interest and necessary to orderly, safe, and cost-effec-
18 tive development.

19 * Sec. 4. AS 41.08.020(b) is amended to read:

20 (b) In addition, the division of geological and geophysical
21 surveys shall:

22 (1) collect, record, evaluate, and distribute data on the
23 quantity, quality, and location of underground, surface, and coastal
24 water of the state;

25 (2) publish or have published data on the water of the
26 state;

27 (3) require the filing with it of the results and findings
28 of surveys of water quality, quantity, and location;

29 (4) require of water well contractors, the filing with it

1 of basic water and aquifer data normally obtained, including but not
2 limited to well location, estimated elevation, well driller's logs,
3 pumping tests and flow measurements, and water quality determinations;

4 (5) accept and spend funds for the purposes of this sec-
5 tion, AS 41.08.017, and 41.08.035 and enter into agreements with
6 individuals, public or private agencies, communities, private indus-
7 try, state agencies, and agencies of the federal government;

8 (6) collect, [RECORD,] evaluate, [ARCHIVE] and distribute
9 geologic data on seismic events and engineering geology of the state;

10 (7) identify potential seismic hazards that might affect
11 development in the state;

12 (8) inform public officials and industry about potential
13 seismic hazards that might affect development in the state.