

H B

693



STATE OF ALASKA  
OFFICE OF THE GOVERNOR  
JUNEAU

May 6, 1986

The Honorable Arliss Sturgulewski  
Chairman Senate Resources Committee  
Alaska State Legislature  
P.O. Box V  
Juneau, AK 99811

Dear Senator Sturgulewski:

The purpose of HB 693, "An Act establishing the Alaska research policy," is to establish a state research policy which will assist the state leadership in identifying the research needs across Alaska; assessing these needs and recommending their level of priority; and helping to identify the people within the academic institutions, industry, and across the state who can resolve these needs.

These needs range from protecting the health of all Alaskans to the proper development of our renewable and non-renewable resources, to investigating and mitigating natural hazards, to identifying and addressing the social and economic challenges facing the state.

An Alaskan research policy is necessary to interact with the federal Arctic Research Commission to provide that group with Alaskan concerns regarding state research needs.

The membership of the Commission is deliberately small (four (4) members and the Senior Science Advisor). This body can put knowledgeable ad hoc committees together from those areas requiring attention.

The Governor assures the Committee that a Professional Engineer will be a member of the Commission. That person could fall in any of the categories listed.

There is no fiscal note to this bill. Per diem and travel costs will be handled within the Governor's office.

I recommend passage of this bill for the benefit of all Alaskans.

Sincerely,

*Richard A. Neve'*  
Richard A. Neve', Ph.D.  
Senior Science Advisor

# Alaska State Legislature

ARLISS STURGULEWSKI, Chairman  
BETTYE FAHRENKAMP, Vice Chairman  
JACK COGHILL  
DICK ELIASON  
VIC FISCHER  
RICK HALFORD  
FRED ZHAROFF



P. O. BOX V  
JUNEAU, ALASKA 99811  
(907) 465-4907

## Senate Committee on Resources

TO: Senate Resource Committee Members May 5, 1986

FROM: Senate Resource Committee Staff *MEL*

RE: CS for House Bill No. 693 (State Affairs) am  
"An Act establishing the Alaska Research Policy."

The purpose of the Alaska Research Policy Act is to establish state research policy, priorities, and goals and provide a plan for basic and applied scientific research for the state. The bill creates a science and engineering advisory commission.

There will be a proposed CS at the meeting which specifies that one member of the commission be a professional engineer.

In this packet is the Governor's transmittal letter, a zero fiscal note, a letter from the Arctic Division of the American Association for the Advancement of Science, and the American Society of Civil Engineers.

BILL SHEFFIELD  
GOVERNOR



STATE OF ALASKA  
OFFICE OF THE GOVERNOR  
JUNEAU

February 21, 1986

The Honorable Ben Grussendorf  
Speaker of the House  
Alaska State Legislature  
P.O. Box V  
Juneau, AK 99811

Dear Representative Grussendorf:

Under the authority of art. III, sec. 18, of the Alaska Constitution, I am transmitting a bill to establish an Alaska research policy. An essential feature of this is the creation of the science and engineering advisory commission, to be headed by the senior science advisor, in the governor's office. This will provide an organized, coordinated, and efficient means of assuring that the State of Alaska will be better able to stay abreast of scientific and technological advancements, for the good of all Alaskans.

Sincerely,

A handwritten signature in cursive script that reads "Bill Sheffield".

Bill Sheffield  
Governor

# STATE OF ALASKA 1986 LEGISLATIVE SESSION

## FISCAL NOTE

Revision Date : 4/10/86

**REQUEST**

Bill/Resolution No. : CSHB 693(SA)  
 Title : An Act establishing Alaska research policy  
 Sponsor : Governor  
 Requestor : House Finance Committee  
 Date of Request : 4/10/86

**FISCAL DETAIL**

Agency Affected : Office of the Governor  
 BRU : \_\_\_\_\_  
 Components : \_\_\_\_\_

**EXPENDITURES/REVENUES : (Thousands of Dollars)**

OPERATING	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91
PERSONAL SERVICES		0	0	0	0	0
TRAVEL		0	0	0	0	0
CONTRACTUAL		0	0	0	0	0
SUPPLIES		0	0	0	0	0
EQUIPMENT		0	0	0	0	0
LAND & STRUCTURES		0	0	0	0	0
GRANTS, CLAIMS		0	0	0	0	0
MISCELLANEOUS		0	0	0	0	0
<b>TOTAL OPERATING</b>		0	0	0	0	0

<b>CAPITAL</b>		0	0	0	0	0
----------------	--	---	---	---	---	---

<b>REVENUE</b>		0	0	0	0	0
----------------	--	---	---	---	---	---

**FUNDING : (Thousands of Dollars)**

GENERAL FUND		0	0	0	0	0
FEDERAL FUNDS		0	0	0	0	0
OTHER		0	0	0	0	0
<b>TOTAL</b>		0	0	0	0	0

**POSITIONS :**

FULL-TIME		0	0	0	0	0
PART-TIME		0	0	0	0	0
TEMPORARY		0	0	0	0	0

**ANALYSIS :** Attach a separate page if necessary

Travel funds will be absorbed within the Office of the Governor's FY 87 budget.

Prepared by : Al Adams, Chair Phone : 465-3706  
 Division : House Finance Committee Date : 4/10/86

Approved by Commissioner : \_\_\_\_\_ Date : \_\_\_\_\_  
 Agency : \_\_\_\_\_

Distribution (by Agency preparing fiscal note) :

- Legislative Finance
- Legislative Sponsor
- Requestor
- Office of Management and Budget
- Impacted Agency(ies)

ARCTIC DIVISION  
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE  
P.O. Box 80271  
Fairbanks, Alaska 99708

April 21, 1986

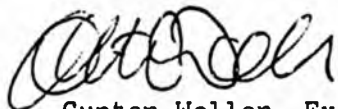
Senator Frank Ferguson  
Pouch V (MS 3100)  
Juneau, AK 99811

Dear Senator Ferguson:

RE: Establishing the Alaska Research Policy Act

We enthusiastically support the thrust of a bill to establish a Research Policy Act. It is essential to provide a mechanism to develop state research policy and to provide continuing input from the research community on the setting of goals and priorities for state supported research. Further, it is extremely important to provide a mechanism to advise the Governor on his input to the Federal Interagency Arctic Research Policy Committee and the Arctic Research Commission as provided for in the U.S. Arctic Research and Policy Act of 1984. A commission headed by the senior science advisor to the Governor is the proper mechanism for formulating this kind of policy advice and guidance.

Respectfully submitted,



Gunter Weller, Executive Secretary  
for the Executive Board,  
Arctic Division/American Association for the Advancement of Science



# AMERICAN SOCIETY OF CIVIL ENGINEERS

Howard Thomas  
Woodward-Clyde Consultants  
701 Sesame Street  
Anchorage, AK 99503  
Phone: 561-1020

May 1, 1986

Resources Committee  
Alaska State Senate  
Pouch V  
Juneau, AK 99811

Gentlemen:

## Alaska Research Policy Act

For the past two years, the American Society of Civil Engineers has actively supported the creation of the national Arctic Research Commission and has established formal liaison with the commission through commission member Dr. Lincoln Washburn and ASCE's Technical Council on Cold Regions Engineering. With this background, we were pleased to learn of the initiation of ~~SB~~ SB 693 during the current legislative session to establish a complementary Alaska state research policy.

The purpose of this letter is to express ASCE's support of SB 693 to the Senate Resources Committee. We note that, to implement the purpose of the proposed act, the bill provides for the establishment of a "Science and Engineering Advisory Commission," to consist of five members to be appointed by the governor. That the duties of the commission members shall include "providing policy information on matters having engineering significance," "acting in an advocacy role for engineering issues," etc.

It appears to us that proper carrying-out of the commission duties outlined in the bill will require a significant amount of engineering background and experience. For this reason, we strongly recommend that Sec. 44.19.256 of the bill be modified to stipulate that at least one of the commission members shall be a professional engineer.

Sincerely yours,

Howard P. Thomas, P.E.  
President, Anchorage Branch

HPT/jj

M/1

cc: Mal Linthwaite,  
President, Alaska Section

Offered: 3/19/86  
Referred: Health, Education &  
Social Services and Finance

Original sponsor: Rules/Governor

*Gov. Pomeroy to  
app. + amend  
who is a prof.  
legislator.*

1 IN THE HOUSE

BY THE STATE AFFAIRS COMMITTEE

2

CS FOR HOUSE BILL NO. 693 (State Affairs) am

3

IN THE LEGISLATURE OF THE STATE OF ALASKA

4

FOURTEENTH LEGISLATURE - SECOND SESSION

5

A BILL

6

For an Act entitled: "An Act establishing the Alaska research policy."

7

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

8

\* Section 1. AS 44.19 is amended by adding new sections to read:

9

ARTICLE 14A. ALASKA RESEARCH POLICY ACT.

10

Sec. 44.19.250. PURPOSE. The purpose of the Alaska Research

11

Policy Act is to establish state research policy, priorities, and

12

goals, and to provide a plan for basic and applied scientific research

13

for the state, including natural resources and materials, physical,

14

biological, and health sciences, and social and behavioral sciences.

15

Sec. 44.19.252. STATEMENT OF POLICY. It is the policy of the

16

state in AS 44.19.250 - 44.19.264, to recognize the important role

17

that scientific and engineering research and science education play

18

for the people of the state and the entire nation. The policy will

19

make it possible to

20

(1) find, develop, and manage the natural renewable and

21

nonrenewable resources of the state's land and water economically and

22

in an environmentally acceptable fashion;

23

(2) manage the unique features of the environment, fauna,

24

and flora of the state and protect them from harmful man-made and

25

natural influences;

26

(3) investigate and mitigate the effects of natural hazards

27

such as earthquakes, volcanic eruptions, avalanches, permafrost, and

28

other hazards that occur in the state;

29

(4) construct, operate, and maintain transportation

1 systems, communications, housing, and other facilities suited to the  
2 state's conditions;

3 (5) develop new technologies adapted to the unique con-  
4 ditions and needs of the state;

5 (6) improve the health and well being throughout the life  
6 cycle of the state's inhabitants; and

7 (7) identify and address future social and economic chal-  
8 lenges facing the state.

9 Sec. 44.19.254. SCIENCE AND ENGINEERING ADVISORY COMMISSION.  
10 The science and engineering advisory commission is established as a  
11 permanent advisory agency in the Office of the Governor.

12 Sec. 44.19.256. MEMBERS OF COMMISSION. (a) The commission is  
13 composed of five members appointed by the governor as follows:

14 (1) one member is to be appointed from individuals from the  
15 academic institutions of the state with expertise in areas of research  
16 relating to the state including the physical, biological, health,  
17 environmental, social, and behavioral sciences;

18 (2) one member is to be appointed from individuals who are  
19 engaged in activities furthering the welfare of the human and physi-  
20 environment and who have expertise in areas of research relating to  
21 the state, including the physical, biological, health, environmental,  
22 social, and behavioral sciences;

23 (3) one member is to be appointed from state departments  
24 with research needs; and

25 (4) one member is to be appointed from individuals familiar  
26 with the state and representative of the needs and interests of pri-  
27 vate industry;

28 (5) the senior science advisor in the governor's office,  
29 who serves as chairman and director of the commission.

1 (b) The members must be residents of the state and must be  
2 appointed without regard to political affiliation.

3 Sec. 44.19.258. TERM OF MEMBERS OF COMMISSION. Members of the  
4 commission, other than the senior science advisor, serve staggered  
5 terms of four years and until a successor qualifies and is appointed.

6 Sec. 44.19.260. EXPENSES AND PER DIEM. A member of the commis-  
7 sion serves without compensation but is entitled to travel expenses  
8 and per diem prescribed for state boards and commissions under AS 39.-  
9 20.180.

10 Sec. 44.19.262. DUTIES OF THE COMMISSION. The commission shall

11 (1) with the senior science advisor, develop and recommend  
12 an integrated state research policy;

13 (2) provide policy information to the governor and the  
14 legislature on matters that have scientific and engineering signifi-  
15 cance;

16 (3) receive scientific and engineering information from the  
17 academic and industrial communities;

18 (4) act in an advocacy role for scientific and engineering  
19 issues and science education important to the state that might other-  
20 wise be overlooked;

21 (5) assist state agencies in assessing research needs and  
22 establishing priorities among them;

23 (6) facilitate cooperation between state agencies and the  
24 University of Alaska and other academic institutions and industry;

25 (7) recommend methods to improve logistical planning and  
26 support for needed state research;

27 (8) suggest methods for improving efficient sharing and  
28 dissemination of data and information in the state among interested  
29 public and private institutions;

1           (9) promote science education and training for young scien-  
2 tists and engineers to pursue careers in the state and the arctic.

3           (10) cooperate with the Federal Arctic Research Commission  
4 in the formulation of the arctic research policy; and

5           (11) not later than September 30 of each year, present to  
6 the governor the commission's recommended research priorities of the  
7 state for the next fiscal year.

8           Sec. 44.19.264. SHORT TITLE. AS 44.19.250 - 44.19.264 may be  
9 cited as the Alaska Research Policy Act.

10       \* Sec. 2. Notwithstanding AS 44.19.258, added by sec. 1 of this Act,  
11 the initial terms of members of the science and engineering advisory com-  
12 mission, other than the senior science advisor, shall be set under AS 39.-  
13 05.055(2).