

[First Reprint]

ASSEMBLY RESOLUTION No. 209

STATE OF NEW JERSEY

210th LEGISLATURE

INTRODUCED NOVEMBER 25, 2002

Sponsored by:

Assemblyman ROBERT J. SMITH

District 4 (Camden and Gloucester)

Assemblyman JEFF VAN DREW

District 1 (Cape May, Atlantic and Cumberland)

Co-Sponsored by:

Assemblymen Eagler, Burzichelli, Fisher, Assemblywoman Greenstein,

Assemblymen Guear and Sarlo

SYNOPSIS

Commends Rutgers University Coastal Ocean Observation Lab on its research on New Jersey's coastal waters and encourages use of new technologies.

CURRENT VERSION OF TEXT

As reported by the Assembly Environment and Solid Waste Committee on January 16, 2003, with amendments.

(Sponsorship Updated As Of: 3/4/2003)

1 **AN ASSEMBLY RESOLUTION** commending ¹the¹ Rutgers University
2 Coastal Ocean Observation Lab on ¹[their] its¹ research projects
3 to better understand New Jersey's coastal waters, and encouraging
4 ¹[them] the Rutgers School of Marine and Coastal Sciences¹ to
5 employ new technologies to enhance oceanographic research and
6 maritime safety.
7
8 **WHEREAS**, ¹The¹ Rutgers University Coastal Ocean Observation Lab
9 (RUCOOL) has contributed invaluable scientific data and insights
10 into the ecology of New Jersey's coastal waters, studying the
11 physical and biological components of the ocean and how they
12 interact and affect each other over time; and
13 **WHEREAS**, RUCOOL, in collaboration with other research groups,
14 has developed new technologies to help oceanographers understand
15 how the ocean moves ¹[,] and¹ interacts with the shoreline ¹[and]
16 ¹,¹ atmosphere, ¹[with] and¹ life in and around its waters, including
17 man, and be able to predict and monitor its behavior in the future;
18 and
19 **WHEREAS**, RUCOOL operates an integrated Long-Term Ecosystem
20 Observatory off the coastal waters of New Jersey, developing real-
21 time capability for rapid environmental assessment and physical or
22 biological forecasting in coastal waters by collecting data from
23 satellites, aircraft, ships, fixed and relocatable moorings, and
24 autonomous underwater vehicles, forming the basis of a national
25 observation network; and
26 **WHEREAS**, RUCOOL has made significant contributions to New
27 Jersey's human and ecological health and safety, working in
28 conjunction with the National Weather Service Forecast Office on
29 predictive processes and operational forecasting of weather
30 conditions for the public, as well as more specialized users in the
31 aviation and marine communities; and
32 **WHEREAS**, RUCOOL has built a special website, where teachers can
33 join scientists in ¹an Internet classroom,¹ the COOL classroom,
34 learning how to predict if it will be a good beach day or if the fish
35 are running, as well as affording students a view of the ocean from
36 500 miles above the earth and 15 meters below the surface; and
37 **WHEREAS**, RUCOOL has addressed the need for innovative materials
38 to develop scientific literacy in students, developing educational
39 resources that facilitate the learning of scientific concepts and
40 principles, allowing educators to capture students' fascination with
41 the marine environment and promoting basic skills and critical

EXPLANATION - Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹ Assembly AEN committee amendments adopted January 16, 2003.

1 thinking, and in linking middle and high school classrooms with
2 active research investigations at the COOL classroom; now,
3 therefore,

4

5 **BE IT RESOLVED** *by the General Assembly of the State of New*
6 *Jersey:*

7

8 1. This House commends the Rutgers University Coastal Ocean
9 Observation Lab on ¹[their] its¹ achievements in the study of New
10 Jersey's coastal waters and ¹[their] its¹ contributions to the human
11 and ecological health and safety of ¹[our] State¹ citizens by
12 developing new oceanographic technologies, improved predictive
13 weather forecasting, and in conducting its environmental assessments
14 of ¹[our] State¹ waters.

15

16 2. This House also commends the Rutgers University Coastal
17 Ocean Observation Lab on its educational outreach programs and its
18 commitment to New Jersey's youth by providing innovative materials
19 and approaches to marine scientific study and in developing
20 educational resources that facilitate learning and capture students'
21 imaginations.

22

23 3. This House further encourages ¹the¹ Rutgers School of Marine
24 and Coastal Sciences to investigate and employ new technologies,
25 including global positioning systems to enhance oceanographic
26 research and maritime safety off ¹[New Jersey's Coast] the coast of
27 New Jersey¹ .

28

29 4. A duly authenticated copy of this resolution, signed by the
30 Speaker of the General Assembly and attested by the ¹[clerk] Clerk¹
31 thereof, shall be transmitted to the President of Rutgers ¹, the State¹
32 University, and to the Director of the Coastal Ocean Observation Lab
33 of ¹the School of¹ Marine and Coastal Sciences ¹[,] at¹ Rutgers ¹,
34 the State¹ University.