

# ASSEMBLY RESOLUTION No. 209

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## STATE OF NEW JERSEY

### 210th LEGISLATURE

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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:**

**Assemblyman Eagler**

**SYNOPSIS**

Commends Rutgers University's on their research on New Jersey's coastal waters and encourages use of new technologies.

**CURRENT VERSION OF TEXT**

As introduced.



**(Sponsorship Updated As Of: 1/24/2003)**

1 **AN ASSEMBLY RESOLUTION** commending Rutgers University Coastal  
2 Ocean Observation Lab on their research projects to better  
3 understand New Jersey's coastal waters, and encouraging them to  
4 employ new technologies to enhance oceanographic research and  
5 maritime safety.

6  
7 **WHEREAS**, Rutgers University Coastal Ocean Observation Lab  
8 (RUCOOL) has contributed invaluable scientific data and insights  
9 into the ecology of New Jersey's coastal waters, studying the  
10 physical and biological components of the ocean and how they  
11 interact and affect each other over time; and

12 **WHEREAS**, RUCOOL, in collaboration with other research groups,  
13 has developed new technologies to help oceanographers understand  
14 how the ocean moves, interacts with the shoreline and atmosphere,  
15 with life in and around its waters, including man, and be able to  
16 predict and monitor its behavior in the future; and

17 **WHEREAS**, RUCOOL operates an integrated Long-Term Ecosystem  
18 Observatory off the coastal waters of New Jersey, developing real-  
19 time capability for rapid environmental assessment and physical or  
20 biological forecasting in coastal waters by collecting data from  
21 satellites, aircraft, ships, fixed and relocatable moorings, and  
22 autonomous underwater vehicles, forming the basis of a national  
23 observation network; and

24 **WHEREAS**, RUCOOL has made significant contributions to New  
25 Jersey's human and ecological health and safety, working in  
26 conjunction with the National Weather Service Forecast Office on  
27 predictive processes and operational forecasting of weather  
28 conditions for the public, as well as more specialized users in the  
29 aviation and marine communities; and

30 **WHEREAS**, RUCOOL has built a special website, where teachers can  
31 join scientists in the COOL classroom, learning how to predict if it  
32 will be a good beach day or if the fish are running, as well as  
33 affording students a view of the ocean from 500 miles above the  
34 earth and 15 meters below the surface; and

35 **WHEREAS**, RUCOOL has addressed the need for innovative materials  
36 to develop scientific literacy in students, developing educational  
37 resources that facilitate the learning of scientific concepts and  
38 principles, allowing educators to capture students' fascination with  
39 the marine environment and promoting basic skills and critical  
40 thinking, and in linking middle and high school classrooms with  
41 active research investigations at the COOL classroom; now,  
42 therefore,

43  
44 **BE IT RESOLVED** *by the General Assembly of the State of New*  
45 *Jersey:*

