

# HOUSE BILL 514

M3

(5lr1523)

## ENROLLED BILL

— *Environment and Transportation/Education, Health, and Environmental Affairs* —

Introduced by **Delegates Stein, B. Barnes, Frush, Healey, Hettleman, Morhaim, and S. Robinson**

Read and Examined by Proofreaders:

\_\_\_\_\_  
Proofreader.

\_\_\_\_\_  
Proofreader.

Sealed with the Great Seal and presented to the Governor, for his approval this

\_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_ o'clock, \_\_\_\_\_ M.

\_\_\_\_\_  
Speaker.

### CHAPTER \_\_\_\_\_

1 AN ACT concerning

### 2 **Maryland Commission on Climate Change**

3 FOR the purpose of establishing the Commission on Climate Change in the Department of  
4 the Environment to advise the Governor and General Assembly on ways to mitigate  
5 the causes of, prepare for, and adapt to the consequences of climate change;  
6 establishing the membership of the Commission; ~~requiring certain members to serve~~  
7 ~~as chair and vice chair of the Commission;~~ providing for the terms of a *an appointed*  
8 member of the Commission; authorizing the Governor to remove a member of the  
9 Commission under certain circumstances; prohibiting a member of the Commission  
10 from receiving certain compensation, but authorizing a member to be reimbursed for  
11 certain expenses; requiring the Commission to establish certain working groups;  
12 requiring the Chair of the Commission to appoint working group members who  
13 represent certain public and private interests; requiring the Commission to prioritize  
14 certain working group actions; requiring the Commission, on or before a certain date

---

#### EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

Underlining indicates amendments to bill.

~~Strike out~~ indicates matter stricken from the bill by amendment or deleted from the law by amendment.

*Italics indicate opposite chamber/conference committee amendments.*



1 each year, to report to the Governor and General Assembly; requiring each State  
2 agency to complete a certain review in accordance with certain requirements;  
3 requiring each State agency to identify and recommend certain changes to certain  
4 programs under certain circumstances; requiring certain State agencies to report  
5 annually to the Governor and General Assembly on the status of certain programs;  
6 requiring the University of Maryland Center for Environmental Science to establish  
7 and update certain sea level rise projections; requiring the sea level rise projections  
8 to include certain maps and to be made publicly available on the Internet; providing  
9 for the construction of this Act; establishing the intent of the General Assembly;  
10 requiring the Commission members and working group members to be appointed  
11 and the Commission to be convened and the working group members to be appointed  
12 on or before a certain date; providing that nothing in this Act shall preclude the  
13 appointment of a certain member to the Commission; requiring each working group  
14 to meet and establish a work plan on or before a certain date; and generally relating  
15 to the Maryland Commission on Climate Change.

16 BY adding to

17 Article – Environment

18 Section 2–1301 through 2–1306 to be under the new subtitle “Subtitle 13. Maryland  
19 Commission on Climate Change”

20 Annotated Code of Maryland

21 (2013 Replacement Volume and 2014 Supplement)

22 Preamble

23 WHEREAS, As reported by the United Nations Intergovernmental Panel on Climate  
24 Change (IPCC) in March 2014, the effects of climate change are already occurring on all  
25 continents and across the oceans, and numerous opportunities exist to respond to and  
26 mitigate associated risks; and

27 WHEREAS, Maryland has already experienced some effects of climate change,  
28 including sea level rise of more than 1 foot in the last century, increasing water  
29 temperatures in the Chesapeake Bay, more rain and flooding in the winter and spring, and  
30 less in the summer; and

31 WHEREAS, Maryland has demonstrated its strong commitment to addressing the  
32 drivers and consequences of climate change by passing several laws, including the Healthy  
33 Air Act, the Maryland Clean Cars Act of 2007, the Greenhouse Gas Emissions Reduction  
34 Act of 2009, the Maryland Offshore Wind Energy Act of 2013, and the Coast Smart Council;  
35 and

36 WHEREAS, Although the Maryland Commission on Climate Change was created by  
37 Executive Order 01.01.2007.07 in 2007, and then strengthened by Executive Order  
38 01.01.2014.14 in 2014, there is not a statutory body in the State whose sole purpose is to  
39 address climate change impacts and make recommendations to the Governor and General  
40 Assembly; now, therefore,

1 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,  
2 That the Laws of Maryland read as follows:

3 **Article – Environment**

4 **SUBTITLE 13. MARYLAND COMMISSION ON CLIMATE CHANGE.**

5 **2–1301.**

6 (A) THERE IS A COMMISSION ON CLIMATE CHANGE IN THE DEPARTMENT  
7 TO ADVISE THE GOVERNOR AND GENERAL ASSEMBLY ON WAYS TO MITIGATE THE  
8 CAUSES OF, PREPARE FOR, AND ADAPT TO THE CONSEQUENCES OF CLIMATE  
9 CHANGE.

10 (B) THE DEPARTMENT AND THE DEPARTMENT OF NATURAL RESOURCES  
11 SHALL JOINTLY STAFF THE COMMISSION.

12 **2–1302.**

13 (A) THE COMMISSION’S MEMBERSHIP SHALL CONSIST OF THE FOLLOWING  
14 ~~25~~ MEMBERS:

15 (1) ONE MEMBER OF THE HOUSE OF DELEGATES, APPOINTED BY THE  
16 SPEAKER OF THE HOUSE;

17 (2) ONE MEMBER OF THE SENATE, APPOINTED BY THE PRESIDENT  
18 OF THE SENATE;

19 (3) THE STATE TREASURER, OR THE STATE TREASURER’S  
20 DESIGNEE;

21 (4) THE SECRETARY OF THE ENVIRONMENT, OR THE SECRETARY’S  
22 DESIGNEE;

23 (5) THE SECRETARY OF AGRICULTURE, OR THE SECRETARY’S  
24 DESIGNEE;

25 (6) THE SECRETARY OF NATURAL RESOURCES, OR THE  
26 SECRETARY’S DESIGNEE;

27 (7) THE SECRETARY OF PLANNING, OR THE SECRETARY’S DESIGNEE;

28 (8) THE STATE SUPERINTENDENT OF SCHOOLS, OR THE STATE  
29 SUPERINTENDENT’S DESIGNEE;

1 (9) THE SECRETARY OF TRANSPORTATION, OR THE SECRETARY'S  
2 DESIGNEE;

3 (10) THE SECRETARY OF GENERAL SERVICES, OR THE SECRETARY'S  
4 DESIGNEE;

5 (11) THE DIRECTOR OF THE MARYLAND ENERGY ADMINISTRATION,  
6 OR THE DIRECTOR'S DESIGNEE;

7 (12) THE PRESIDENT OF THE UNIVERSITY OF MARYLAND CENTER  
8 FOR ENVIRONMENTAL SCIENCE, OR THE PRESIDENT'S DESIGNEE;

9 (13) THE CHAIR OF THE CRITICAL AREA COMMISSION FOR THE  
10 CHESAPEAKE AND ATLANTIC COASTAL BAYS, OR THE CHAIR'S DESIGNEE;

11 (14) ONE MEMBER APPOINTED BY THE FARM BUREAU REPRESENTING  
12 THE AGRICULTURE COMMUNITY;

13 ~~(13)~~ (15) ONE MEMBER APPOINTED BY THE ~~PRESIDENT OF THE~~  
14 ~~SENATE~~ MARYLAND ASSOCIATION OF COUNTIES AND ONE MEMBER APPOINTED BY  
15 ~~THE SPEAKER OF THE HOUSE OF DELEGATES~~ MARYLAND MUNICIPAL LEAGUE TO  
16 REPRESENT LOCAL GOVERNMENTS;

17 ~~(14)~~ (16) ONE MEMBER APPOINTED BY THE PRESIDENT OF THE  
18 SENATE AND ONE MEMBER APPOINTED BY THE SPEAKER OF THE HOUSE OF  
19 DELEGATES TO REPRESENT THE BUSINESS COMMUNITY;

20 ~~(15)~~ (17) ONE MEMBER APPOINTED BY THE PRESIDENT OF THE  
21 SENATE AND ONE MEMBER APPOINTED BY THE SPEAKER OF THE HOUSE OF  
22 DELEGATES TO REPRESENT ENVIRONMENTAL NONPROFIT ORGANIZATIONS;

23 ~~(16)~~ THREE REPRESENTATIVES OF PRIVATE PHILANTHROPIC  
24 ORGANIZATIONS, ONE EACH APPOINTED BY THE GOVERNOR, PRESIDENT OF THE  
25 SENATE, AND SPEAKER OF THE HOUSE OF DELEGATES;

26 (18) ONE MEMBER APPOINTED BY THE PRESIDENT OF THE SENATE  
27 AND ONE MEMBER APPOINTED BY THE SPEAKER OF THE HOUSE TO REPRESENT  
28 ORGANIZED LABOR ~~IN~~, ONE OF WHOM SHALL REPRESENT THE BUILDING OR  
29 CONSTRUCTION TRADES AND ONE OF WHOM SHALL REPRESENT THE  
30 MANUFACTURING INDUSTRY;

31 (19) ONE MEMBER APPOINTED BY THE PRESIDENT OF THE SENATE  
32 AND ONE MEMBER APPOINTED BY THE SPEAKER OF THE HOUSE TO REPRESENT  
33 PHILANTHROPIC ORGANIZATIONS;

1           ~~(17)~~ **(20)** ONE CLIMATE CHANGE EXPERT APPOINTED BY THE  
2 GOVERNOR REPRESENTING A UNIVERSITY LOCATED IN MARYLAND; AND

3           ~~(18)~~ **(21)** ONE PUBLIC HEALTH EXPERT APPOINTED BY THE  
4 GOVERNOR REPRESENTING A UNIVERSITY LOCATED IN MARYLAND; .

5           ~~(19)~~ ~~ONE REPRESENTATIVE OF ORGANIZED LABOR APPOINTED BY THE~~  
6 ~~GOVERNOR; AND~~

7           ~~(20)~~ ~~ONE REPRESENTATIVE OF THE AGRICULTURAL COMMUNITY~~  
8 ~~APPOINTED BY THE GOVERNOR.~~

9           **(B)** ~~(1)~~ THE SECRETARY OF THE ENVIRONMENT OR THE SECRETARY'S  
10 DESIGNEE SHALL CHAIR THE COMMISSION.

11           ~~(2)~~ ~~THE GOVERNOR SHALL APPOINT ONE BUSINESS~~  
12 ~~REPRESENTATIVE AND ONE NONPROFIT REPRESENTATIVE FROM AMONG THE~~  
13 ~~COMMISSION MEMBERS TO SERVE AS VICE CHAIRS OF THE COMMISSION.~~

14           **(C)** **(1)** SUBJECT TO PARAGRAPH **(2)** OF THIS SUBSECTION, THE TERM OF  
15 ~~A AN APPOINTED~~ MEMBER ~~APPOINTED BY THE GOVERNOR, PRESIDENT OF THE~~  
16 ~~SENATE, OR SPEAKER OF THE HOUSE OF DELEGATES~~ IS 2 YEARS.

17           **(2)** THE GOVERNOR, PRESIDENT OF THE SENATE, AND SPEAKER OF  
18 THE HOUSE OF DELEGATES SHALL STAGGER THE TERMS OF THE INITIAL  
19 APPOINTED MEMBERS.

20           **(3)** AT THE END OF A TERM, A MEMBER CONTINUES TO SERVE UNTIL  
21 A SUCCESSOR IS APPOINTED AND QUALIFIES.

22           **(4)** A MEMBER WHO IS APPOINTED AFTER A TERM HAS BEGUN SERVES  
23 ONLY FOR THE REMAINDER OF THAT TERM AND UNTIL A SUCCESSOR IS APPOINTED  
24 AND QUALIFIES.

25           **(5)** THE GOVERNOR MAY REMOVE AN APPOINTED MEMBER FOR  
26 INCOMPETENCE, MISCONDUCT, OR FAILURE TO PERFORM THE DUTIES OF THE  
27 POSITION.

28           **(D)** A MEMBER OF THE COMMISSION MAY NOT RECEIVE COMPENSATION,  
29 BUT IS ENTITLED TO REIMBURSEMENT FOR EXPENSES UNDER THE STANDARD  
30 STATE TRAVEL REGULATIONS, AS PROVIDED IN THE STATE BUDGET.

31 **2-1303.**

1 (A) THE COMMISSION SHALL ESTABLISH:

2 (1) A SCIENTIFIC AND TECHNICAL WORKING GROUP;

3 (2) A GREENHOUSE GAS MITIGATION WORKING GROUP;

4 (3) AN ADAPTATION AND RESPONSE WORKING GROUP; AND

5 (4) AN EDUCATION, COMMUNICATION, AND OUTREACH WORKING  
6 GROUP.

7 (B) THE COMMISSION MAY ESTABLISH OTHER WORKING GROUPS AS  
8 NEEDED.

9 (C) THE CHAIR OF THE COMMISSION SHALL APPOINT WORKING GROUP  
10 MEMBERS WHO REPRESENT BOTH PUBLIC AND PRIVATE INTERESTS IN CLIMATE  
11 CHANGE, INCLUDING REPRESENTATIVES OF:

12 (1) ACADEMIC INSTITUTIONS;

13 (2) RENEWABLE AND TRADITIONAL ENERGY PROVIDERS;

14 (3) ENVIRONMENTAL ORGANIZATIONS;

15 (4) GOVERNMENT AGENCIES;

16 (5) LABOR ORGANIZATIONS; AND

17 (6) BUSINESS INTERESTS, INCLUDING THE INSURANCE ~~INDUSTRY~~  
18 AND REAL ESTATE INDUSTRIES.

19 (D) THE COMMISSION SHALL PRIORITIZE WORKING GROUP ACTIONS,  
20 INCLUDING:

21 (1) STRENGTHENING AND MAINTAINING EXISTING STATE CLIMATE  
22 ACTION PLANS;

23 (2) DEVELOPING BROAD PUBLIC AND PRIVATE PARTNERSHIPS WITH  
24 LOCAL, STATE, AND FEDERAL AGENCIES;

25 (3) COMMUNICATING WITH AND EDUCATING CITIZENS ABOUT THE  
26 URGENCY OF ACTING TO REDUCE THE IMPACTS OF CLIMATE CHANGE;

1 (4) MAINTAINING AN INVENTORY OF MARYLAND'S GREENHOUSE GAS  
2 EMISSIONS SOURCES AND CARBON SINKS;

3 (5) ADDRESSING ANY DISPROPORTIONATE IMPACTS OF CLIMATE  
4 CHANGE ON LOW-INCOME AND VULNERABLE COMMUNITIES;

5 (6) ASSESSING THE IMPACTS THAT CLIMATE CHANGE MAY HAVE ON  
6 THE STATE'S ECONOMY, REVENUES, AND INVESTMENT DECISIONS;

7 (7) ASSESSING THE NEEDS FOR UTILITIES AND OTHER PUBLIC AND  
8 PRIVATE SERVICE PROVIDERS THROUGHOUT THE STATE TO ADJUST THEIR  
9 OPERATING PRACTICES AND INVESTMENT STRATEGIES TO MITIGATE THE IMPACTS  
10 OF CLIMATE CHANGE ON THEIR CUSTOMERS AND THE PUBLIC;

11 ~~(7)~~ (8) ASSESSING THE IMPACTS THAT CLIMATE CHANGE MAY  
12 HAVE ON AGRICULTURE IN THE STATE;

13 ~~(8)~~ (9) RECOMMENDING SHORT- AND LONG-TERM STRATEGIES  
14 AND INITIATIVES TO BETTER MITIGATE, PREPARE FOR, AND ADAPT TO THE  
15 CONSEQUENCES OF CLIMATE CHANGE;

16 ~~(9)~~ (10) ASSISTING LOCAL GOVERNMENTS IN SUPPORTING  
17 COMMUNITY-SCALE CLIMATE VULNERABILITY ASSESSMENTS AND THE  
18 DEVELOPMENT AND INTEGRATION OF SPECIFIC STRATEGIES INTO LOCAL PLANS  
19 AND ORDINANCES;

20 ~~(10)~~ (11) ESTABLISHING COMPREHENSIVE AND ACCOUNTABLE  
21 ANNUAL WORKING GROUP WORK PLANS THAT SET ANNUAL GOALS AND  
22 PERFORMANCE BENCHMARKS AND PRIORITIZE NEW AND EXISTING CLIMATE  
23 CHANGE MITIGATION AND PREPAREDNESS ACTIONS AND INITIATIVES;

24 ~~(11)~~ (12) MAINTAINING A COMPREHENSIVE ACTION PLAN, WITH  
25 5-YEAR BENCHMARKS, TO ACHIEVE SCIENCE-BASED REDUCTIONS IN MARYLAND'S  
26 GREENHOUSE GAS EMISSIONS ~~OF 80% OF 2006 LEVELS BY 2050;~~

27 ~~(12)~~ (13) CONVENING REGULAR WORKING GROUP AND FULL  
28 COMMISSION MEETINGS TO ENSURE THAT SUFFICIENT PROGRESS IS BEING MADE  
29 ACROSS ALL SECTORS AND COMMUNITIES IN MARYLAND; AND

30 ~~(13)~~ (14) CONSIDERING OTHER RELATED MATTERS AS THE  
31 COMMISSION DETERMINES TO BE NECESSARY.

32 2-1304.

1           **ON OR BEFORE NOVEMBER 15 OF EACH YEAR, THE COMMISSION SHALL**  
2 **REPORT TO THE GOVERNOR AND GENERAL ASSEMBLY, IN ACCORDANCE WITH §**  
3 **2-1246 OF THE STATE GOVERNMENT ARTICLE, ON THE STATUS OF THE STATE'S**  
4 **EFFORTS TO MITIGATE THE CAUSES OF, PREPARE FOR, AND ADAPT TO THE**  
5 **CONSEQUENCES OF CLIMATE CHANGE, INCLUDING FUTURE PLANS AND**  
6 **RECOMMENDATIONS FOR LEGISLATION, IF ANY, TO BE CONSIDERED BY THE**  
7 **GENERAL ASSEMBLY.**

8 **2-1305.**

9           **(A) (1) EACH STATE AGENCY SHALL REVIEW ITS PLANNING,**  
10 **REGULATORY, AND FISCAL PROGRAMS TO IDENTIFY AND RECOMMEND ACTIONS TO**  
11 **MORE FULLY INTEGRATE THE CONSIDERATION OF MARYLAND'S GREENHOUSE GAS**  
12 **REDUCTION GOAL AND THE IMPACTS OF CLIMATE CHANGE.**

13           **(2) THE REVIEW SHALL INCLUDE THE CONSIDERATION OF:**

14                   **(I) SEA LEVEL RISE;**

15                   **(II) STORM SURGES AND FLOODING;**

16                   **(III) INCREASED PRECIPITATION AND TEMPERATURE; AND**

17                   **(IV) EXTREME WEATHER EVENTS.**

18           **(B) EACH STATE AGENCY SHALL IDENTIFY AND RECOMMEND SPECIFIC**  
19 **POLICY, PLANNING, REGULATORY, AND FISCAL CHANGES TO EXISTING PROGRAMS**  
20 **THAT DO NOT CURRENTLY SUPPORT THE STATE'S GREENHOUSE GAS REDUCTION**  
21 **EFFORTS OR ADDRESS CLIMATE CHANGE.**

22           **(C) (1) THE FOLLOWING STATE AGENCIES SHALL REPORT ANNUALLY ON**  
23 **THE STATUS OF PROGRAMS THAT SUPPORT THE STATE'S GREENHOUSE GAS**  
24 **REDUCTION EFFORTS OR ADDRESS CLIMATE CHANGE, IN ACCORDANCE WITH §**  
25 **2-1246 OF THE STATE GOVERNMENT ARTICLE, TO THE COMMISSION AND THE**  
26 **GOVERNOR:**

27                   **(I) THE DEPARTMENT;**

28                   **(II) THE DEPARTMENT OF AGRICULTURE;**

29                   **(III) THE DEPARTMENT OF GENERAL SERVICES;**

30                   **(IV) THE DEPARTMENT OF HOUSING AND COMMUNITY**  
31 **DEVELOPMENT;**



- 1 (v) THE DEPARTMENT OF NATURAL RESOURCES;
- 2 (vi) THE DEPARTMENT OF PLANNING;
- 3 (vii) THE DEPARTMENT OF TRANSPORTATION;
- 4 (viii) THE MARYLAND ENERGY ADMINISTRATION;
- 5 (ix) THE MARYLAND INSURANCE ADMINISTRATION;
- 6 (x) THE PUBLIC SERVICE COMMISSION; AND
- 7 (xi) THE UNIVERSITY OF MARYLAND CENTER FOR
- 8 ENVIRONMENTAL SCIENCE.

9 (2) THE REPORT REQUIRED IN PARAGRAPH (1) OF THIS SUBSECTION  
10 SHALL INCLUDE:

- 11 (i) PROGRAM DESCRIPTIONS AND OBJECTIVES;
- 12 (ii) IMPLEMENTATION MILESTONES, WHETHER OR NOT THEY
- 13 HAVE BEEN MET;
- 14 (iii) ENHANCEMENT OPPORTUNITIES;
- 15 (iv) FUNDING;
- 16 (v) CHALLENGES;
- 17 (vi) ESTIMATED GREENHOUSE GAS EMISSIONS REDUCTIONS, BY
- 18 PROGRAM, FOR THE PRIOR CALENDAR YEAR; AND
- 19 (vii) ANY OTHER INFORMATION THAT THE AGENCY CONSIDERS
- 20 RELEVANT.

21 2-1306.

22 (A) THE UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL  
23 SCIENCE SHALL ESTABLISH SCIENCE-BASED SEA LEVEL RISE PROJECTIONS FOR  
24 MARYLAND'S COASTAL AREAS AND UPDATE THEM AT LEAST EVERY 5 YEARS.

1           **(B) THE SCIENCE-BASED SEA LEVEL RISE PROJECTIONS SHALL INCLUDE**  
 2 **MAPS THAT INDICATE THE AREAS OF THE STATE THAT MAY BE MOST AFFECTED BY**  
 3 **STORM SURGES, FLOODING, AND EXTREME WEATHER EVENTS.**

4           **(C) THE SCIENCE-BASED SEA LEVEL RISE PROJECTIONS REQUIRED UNDER**  
 5 **THIS SECTION SHALL BE MADE PUBLICLY AVAILABLE ON THE INTERNET.**

6           SECTION 2. AND BE IT FURTHER ENACTED, That, before June 1, 2016, nothing  
 7 in this Act shall be construed to affect the current membership and duties of the Maryland  
 8 Commission on Climate Change, established by Executive Order 01.01.2014.14. It is the  
 9 intent of the General Assembly that the Maryland Commission on Climate Change,  
 10 established by Executive Order 01.01.2014.14, shall continue to meet and complete its tasks  
 11 for 1 year following the enactment of this Act and until members are appointed to the  
 12 Maryland Commission on Climate Change, established by this Act, in accordance with  
 13 Section 3 of this Act.

14           SECTION 3. AND BE IT FURTHER ENACTED, That, on or before July 1, 2016, the  
 15 members and working group members of the Maryland Commission on Climate Change,  
 16 established in accordance with Section 1 of this Act, shall be appointed and a meeting shall  
 17 be convened. Nothing in this Act shall preclude the appointment of a member to the  
 18 Maryland Commission on Climate Change, established in accordance with this Act, who  
 19 served as a member of the Maryland Commission on Climate Change, established by  
 20 Executive Order 01.01.2014.14.

21           SECTION 4. AND BE IT FURTHER ENACTED, That, on or before October 1, 2016,  
 22 each working group established by Section 1 of this Act shall meet and establish a work  
 23 plan.

24           ~~SECTION 2. AND BE IT FURTHER ENACTED, That on or before September 1,~~  
 25 ~~2015, the Commission shall be convened and working group members shall be appointed.~~  
 26 ~~On or before October 1, 2015, each working group shall meet and establish a work plan.~~

27           SECTION ~~3~~ 5. AND BE IT FURTHER ENACTED, That this Act shall take effect  
 28 June 1, 2015.

Approved:

---

Governor.

---

Speaker of the House of Delegates.

---

President of the Senate.