

**AMENDMENT TO THE AMENDMENT IN THE NATURE  
OF A SUBSTITUTE TO H.R. 3593  
OFFERED BY MR. MELJER OF MICHIGAN**

And  
MR. McNERNEY

Page 42, after line 18, insert the following:

- 1       “(k) EMERGING TECHNOLOGIES.—
- 2             “(1) IN GENERAL.—The Secretary shall estab-
- 3       lish within the Biological and Environmental Re-
- 4       search program an initiative focused on the develop-
- 5       ment of engineered ecosystems through the applica-
- 6       tion of artificial intelligence, novel sensing capabili-
- 7       ties, and other emerging technologies.
- 8             “(2) INTERAGENCY COORDINATION.—The Sec-
- 9       retary shall coordinate with the Director of the Na-
- 10       tional Science Foundation, the Administrator of the
- 11       National Oceanic and Atmospheric Administration,
- 12       the Director of the U.S. Geological Survey, and
- 13       other relevant officials to avoid duplication of re-
- 14       search and observational activities and to ensure
- 15       that activities carried out under this initiative are
- 16       complimentary to those currently being undertaken
- 17       by other agencies.
- 18             “(3) REPORT.—Not later than 180 days after
- 19       the enactment of this Act, the Secretary shall pro-

1       vide a report to the Committee on Science, Space,  
2       and Technology of the House, and the Committee on  
3       Energy and Natural Resources of the Senate, on the  
4       activity mandated in subsection (k).”.

Page 42, line 19, strike “(k)” and insert “(l)”.

