

SEC. 1034. ADVANCED MODELING TECHNOLOGIES.

(a) **IN GENERAL.**—To the greatest extent practicable, the Secretary shall encourage and incorporate advanced modeling technologies, including 3-dimensional digital modeling, that can expedite project delivery or improve the evaluation of water resources development projects that receive Federal funding by—

- (1) accelerating and improving the environmental review process;
- (2) increasing effective public participation;
- (3) enhancing the detail and accuracy of project designs;
- (4) increasing safety;
- (5) accelerating construction and reducing construction costs; or
- (6) otherwise achieving the purposes described in paragraphs (1) through (5).

(b) **ACTIVITIES.**—In carrying out subsection (a), the Secretary, to the greatest extent practicable, shall—

- (1) compile information related to advanced modeling technologies, including industry best practices with respect to the use of the technologies;
- (2) disseminate to non-Federal interests the information described in paragraph (1); and
- (3) promote the use of advanced modeling technologies.

SEC. 1035. RECREATIONAL ACCESS.

(a) **DEFINITION OF FLOATING CABIN.**—In this section, the term “floating cabin” means a vessel (as defined in section 3 of title 1, United States Code) that has overnight accommodations.

(b) **RECREATIONAL ACCESS.**—The Secretary shall allow the use of a floating cabin on waters under the jurisdiction of the Secretary in the Cumberland River basin if—

- (1) the floating cabin—
 - (A) is in compliance with regulations for recreational vessels issued under chapter 43 of title 46, United States Code, and section 312 of the Federal Water Pollution Control Act (33 U.S.C. 1322);
 - (B) is located at a marina leased by the Corps of Engineers; and
 - (C) is maintained by the owner to required health and safety standards; and
- (2) the Secretary has authorized the use of recreational vessels on such waters.

SEC. 1036. NON-FEDERAL PLANS TO PROVIDE ADDITIONAL FLOOD RISK REDUCTION.

(a) **IN GENERAL.**—If requested by a non-Federal interest, the Secretary shall carry out a locally preferred plan that provides a higher level of protection than a flood risk management project authorized under this Act if the Secretary determines that—

- (1) the plan is technically feasible and environmentally acceptable; and
- (2) the benefits of the plan exceed the costs of the plan.

(b) **NON-FEDERAL COST SHARE.**—If the Secretary carries out a locally preferred plan under subsection (a), the Federal share of the cost of the project shall be not greater than the share as provided by law for elements of the national economic development plan.