



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, SOUTH ATLANTIC DIVISION  
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ATLANTA, GA 30303-8801

CESAD-PDP

24 SEP 2019

MEMORANDUM FOR Director, Institute for Water Resources

SUBJECT: Regional Economic System (RECONS) – Model Re-Certification

1. References

- a. EC 1105-2-412, "Assuring Quality of Planning Models", 31 March 2011.
- b. Memorandum, CECW-P, undated, Subject: Regional Economic System (RECONS) – Model Certification.
- c. Memorandum, CECW-P, May 11, 2018, Subject: Delegation of Model Certification.

2. The RECONS 2.0 model is a regional economic impact modeling tool developed by the USACE Institute for Water Resources (IWR) to provide accurate and defensible estimates of regional economic impacts associated with Federal expenditures. This modeling tool automates calculations and generates estimates of jobs and other economic measures such as income and sales associated with USACE spending on Civil Works programs and projects. The RECONS 2.0 model incorporates impact area data, multipliers, direct ratios, and geographic capture rates extracted from other planning models utilized to evaluate the economic effects of proposed actions. An earlier version of RECONS was previously certified by HQUSACE (reference 1.b).

3. Reference 1.c. states: "Until an updated of EC 1105-2-412 is issued, guidance contained in the EC and the memorandum from 4 December 2017 is applicable with the exception that certification of models is now delegated to the Directors of the Planning Centers of Expertise. The requirements to have a subject matter expert (SME) from the U.S. Army Corps of Engineers on the model review team still exists. The SME will be assigned by the Office of Water Project Review (OWPR). This authority may not be further delegated."

4. Technical reviews were completed and the model meets the certification criteria contained in Engineering Circular (EC) 1105-2-412. The model was also evaluated by economists at the Deep Draft Navigation Planning Center of Expertise (DDNPCX) and the OWPR SME who concurred with the recommended certification. In accordance with the above-referenced policies, the RECONS 2.0 planning model is certified for use in the development of Civil Works studies.

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5. The DDNPCX and IWR must monitor future developments to keep the model current with the state-of-the-art for economic analyses and coordinate potentially significant modifications that could affect this certification with HQUSACE. This memorandum will be distributed to the Planning Community of Practice (CoP) and should be posted on the Planning Community of Practice internet site (“Tool Box”) and the IWR website.

6. Expiration. This certification expires 23 September 2026.

ERIC L. BUSH  
Chief, Planning and Policy Division  
Director, Deep Draft Navigation Planning  
Center of Expertise