

DEPARTMENT OF THE ARMY EM 1110-2-1605  
U. S. Army Corps of Engineers  
DAEM-ECE-HD Washington, DC 20314-1000

Engineer Manual  
No. 1110-2-1605

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Engineering and Design  
HYDRAULIC DESIGN OF NAVIGATION DAMS

1. Purpose. This manual provides current guidance and engineering procedures for the hydraulic design of navigation dams.
2. Applicability. This manual applies to all HQUSACE/OCE elements and field operating activities (FOA) having responsibility for the design of civil works projects.
3. General. Subjects covered are design, construction, and operation of navigation dams. The goal of a good design is to provide a cost effective structure with consideration given to social and environmental impacts.

FOR THE COMMANDER:

  
ARTHUR E. WILLIAMS  
Colonel, Corps of Engineers  
Chief of Staff

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This manual supersedes EM 1110-2-2606 dated June 1952