

CECW-CE

Regulation
No. 15-2-14

16 June 2017

Boards, Commissions, and Committees
COMMITTEES ON TIDAL HYDRAULICS, RIVER
ENGINEERING, WATER QUALITY, AND
HYDROLOGIC ENGINEERING

1. Purpose. This regulation prescribes the objectives, composition and responsibilities of the U.S. Army Corps of Engineers (USACE) Committees on Tidal Hydraulics, River Engineering, Water Quality and Hydrologic Engineering.
2. Applicability. This regulation applies to Headquarters (HQ) USACE elements, Major Subordinate Commands (MSC), districts, laboratories, and Field Operating Activities (FOA) having programmatic responsibilities in the areas of tidal hydraulics, river engineering, water quality and hydrologic engineering.
3. Distribution Statement. For public release, unlimited.
4. Reference. Engineer Regulation 25-1-8, USACE Communities of Practice.
5. Policy. General objectives of these committees are to:
 - a. Maintain a continuing evaluation of the state of the art.
 - b. Determine problem areas and recommend studies, investigations and researched designed to provide improved techniques.
 - c. Disseminate pertinent information.
 - d. Render consulting service on specific concerns as requested by various elements of the USACE.
 - e. Participate in development of guidance.
6. Scope of Committee Activities.
 - a. Committee on Tidal Hydraulics. This committee will address topics in the areas of tidal hydraulics in estuarine and related waters, such as channel shoaling, sedimentation, scour and erosion, hurricane and tidal surges, estuarine circulation and saltwater intrusion.

b. **Committee on River Engineering.** This committee will address topics in the areas of river engineering and restoration including alluvial channel hydraulics and channel stabilization, such as bank stabilization, erosion control, and river meandering; watershed and riverine sedimentation; river mechanics and river restoration including environmental features.

c. **Committee on Water Quality.** This committee will address topics in the areas of water quality determination, prediction and control for reservoirs and inland waterways as well as coastal and estuarine water resource projects.

d. **Committee on Hydrologic Engineering.** This committee will address topics in the area of hydrologic engineering and watershed management, such as rainfall runoff modeling, impacts of land use on runoff, and flood routing; project design floods, flow frequency and risk; meteorology, paleo-hydrology, and stochastic flood modeling; and hydrologic engineering aspects of dam and levee safety programs.

7. **Composition.** Each committee is a continuing committee. The members are full-time civilian employees of the USACE and are Subject Matter Experts (SME) in the specific committee specialty. Members are appointed by the Hydrology, Hydraulics, and Coastal (HH&C) Community of Practice (CoP) Leader, with the concurrence of their employing organizations. Ideally, committee composition should include at least one representative from each MSC with a civil works mission, provided the MSC has an appropriate SME. Committee composition should also include representatives from laboratories, Centers of Expertise and FOA that have missions or expertise relevant to the committee. Each committee has the ability to add members on either a permanent or ad-hoc basis to provide additional expertise. Committee members will be proposed by each MSC, vetted through the committee chairperson and members, with final selection reviewed and approved by the HH&C CoP Leader. Each committee will have a chairperson and other officials as necessary. Current committee memberships will be posted to the Hydrology, Hydraulics and Coastal Community of Practice SharePoint website.

8. **Notification Process.** Official appointment letters will be issued for the chairperson of each committee (as provided through the HH&C CoP Leader) and committee members (as provided through the chairperson of each committee). The MSC/District acknowledgment of acceptance is required. Membership on each committee will be re-evaluated by the HH&C CoP Leader every three years, at which time each member and his/her organization will be required to reconfirm their commitment to the committee.

9. **General.** The committees will carry out their objectives consistent with the following:

a. The committees function under the general direction of the HH&C CoP Leader.

b. The chairperson will call meetings as required to carry out committee objectives, normally semiannually. Advance notice, agenda, and minutes of each meeting will be furnished to the HH&C CoP Leader, committee members and posted to the HH&C CoP SharePoint website.

c. Travel and per diem expenses incurred by committee members while performing committee activities will normally be furnished by HQUSACE. Salaries for committee members while on committee activities will be furnished by their employing organizations. Committee activities will require that members accomplish some committee work at their regular duty station.

d. Information copies of committee actions having important bearing on project design or investigation programs will be furnished to HH&C CoP Leader. Committee actions will be advisory rather than directive in nature.

e. The committees may arrange through cooperating USACE Commands for engagement of staff assistance, expert services, and consultants.

10. Requests for Consulting Services. Advisory consulting services are provided to assist field elements in defining problems, developing plans for solutions to problems, and identifying appropriate expertise to perform necessary investigations and studies. Requests for consulting services are to be submitted to the appropriate committee chairperson through the HH&C CoP Leader. Other requests for advisory assistance, received by individual committee members, will be referred to the committee chairperson for action.

FOR THE COMMANDER:



PAUL E. OWEN
COL, USN
Chief of Staff

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