

BOARD REPORT

Committee Name: Foundations

Submitted by: Doug Boyer and Ed Friend

Report Date: 4-27-21

Committee Mission/Purpose

The purpose of this technical committee of USSD is to educate, train, and communicate the investigation, evaluation, analysis, design, and construction of foundation systems for dams. The vision of the committee is to be:

- Relevant
- Collaborative
- A store-house and transfer agent of knowledge
- Actively engaged in outreach
- Developing younger members of the profession
- Value-driven

The Committee provides leadership in the state of the practice regarding the foundations of dams. This committee has a broad scope and provides assistance with several other USSD committees because foundations are integral to other items such as monitoring, embankments, levees, construction, concrete, and others. A goal of this committee is to collaborate with these other USSD committees and other outside organizations to assemble practice leaders in dam and levee foundations. Additionally, the Committee works to involve younger members and provide products to aid in the development of younger practitioners.

The Committee accomplishes these goals through meetings, workshops/symposiums, white papers, webinars, etc.

2020 Goals/Accomplishments

Committee activities over the past year include:

- Committee members performed reviews of abstracts, draft papers, and final papers submitted for the 2021 USSD Annual Meeting.
- Coordinated, with the USSD Hydrologic and Hydraulic Committee, the planning and execution of the fall Rock Scour Workshop with Drs. George Annandale and Michael George.
- Performed a consistency review, a second round of PRC review, and prepared final draft of the white paper titled “Best Practices for Surface Treatment of Foundations for Dams”. Publication is anticipated in 2021.
- After years of conversations and discussions, Committee members participated in planning meetings for the development of a two-day workshop on drilling in dams to be held in association with the Association of Environmental and Engineering Geologists in Ft. Lauderdale FL, in December 2021.
- Recruitment of additional Foundation Committee members.

BOARD REPORT

Committee Name: Foundations

Submitted by: Doug Boyer and Ed Friend

Report Date: 4-27-21

2021 Committee Goals

The Committee's goals for 2021-2022 are:

- Publish the Best Practices for Surface Treatment of Foundations for Dams.
- Develop a workshop or webinar to present the foundation treatment white paper after publication.
- Successfully deliver the drilling in dams workshop in December 2021.
- Begin planning for a third legacy lecture workshop for the 2022 USSD Annual Meeting.
- Identify potential webinar topics for presentation at a future monthly USSD webinar.
- Recruit new Committee leadership since current chair and vice chair term out in 2022.
- Add YP chair as the previous YP chair is no longer involved with USSD.
- Continue to recruit new Committee membership.

What do you need to accomplish your 2021 goals?

To be able to accomplish our goals the committee will need support by USSD to complete the PRC review of the Best Practices for Surface Treatment of Foundations for Dams in a timely manner and support of committee members to successfully deliver the drilling in dams workshop/webinar.