

APRIL 2021 MEETING ANNOUNCEMENT

This month we will be hearing from:

Ron Corun with .

Title:

Dams with Frozen Components: Design, Construction, and Performance Monitoring



Dams with frozen components rely on permafrost for containment and stability at locations where the excavation of overburden soils to bedrock is impractical and cost prohibitive. This presentation will provide an overview of frozen core and frozen foundation dams constructed on ice-rich permafrost soils. The thermal designs and construction methods used to overcome site-specific challenges associated with the climate, foundation conditions, and lack of suitable borrow material will be discussed. Thermal performance of two dams will be highlight to demonstrate major difference in heat transfer through the embankment fill and foundation.

WHEN: Wednesday, March 10, 2021 12:00-1:00 p.m.

WHERE: Microsoft Team Meeting

https://www.google.com/url?q=https://teams.microsoft.com/l/meetup-join/19%253ameeting_ZGlxYjNlZDltZTljZS00ZGYwLWFiNWUtYjkwYTg2NzY1YTRj%2540thread.v2/0?context%3D%257b%2522Tid%2522%253a%2522870c68b8-580c-4b1b-a27e-a44623e37916%2522%252c%2522Oid%2522%253a%252275ff69ad-6036-48fd-99a3-5d50e539a945%2522%257d&sa=D&source=calendar&ust=1615338399218000&usg=AOvVaw2VpWZP4or3vw1TdNdCcJ0s