

Announcement of TeaTime Talk

Presented by

Irrigation Water Forum (IWF/ICID.UK)

(also known as - British National Committee of the, International Commission on Irrigation and Drainage (IWF/ICID.UK))

Date: 22 September 21, Time: 04:00 PM, London

TOPIC:

Introduction to Concrete Canvas and GCCMs – A New Lining Technology for Reducing Water Seepage Losses in Canal Infrastructure Around the World

PRESENTERS:

William Crawford and Simon Lester from Concrete Canvas Ltd.

William Crawford is a Director and Co-founder of Concrete Canvas Ltd, set up in 2005 to develop and commercialise Concrete Canvas technology. Will has a Masters in Mechanical Engineering from Bristol and a joint Masters from Imperial College where he co-invented Concrete Canvas as well as several other award-winning designs including an innovative lo-tech fridge for developing countries. William was recently awarded a Silver Medal by the Royal Academy of Engineering, awarded to individuals in recognition of their outstanding contribution to British Engineering.

Simon Lester is the New Product Introduction Manager at Concrete Canvas Ltd where he has worked since 2016. This follows an extensive career in civil engineering contracting, design consulting and project management since graduating from the University of Kwazulu Natal in 2005 with a Bachelor of Science Civil Engineering degree. Simon is a professionally registered civil engineer and also holds a bachelor of science degree in geography and psychology.

The talk will start with a brief look at the origins of the Concrete Canvas material, its birth as a university start-up and how the invention of this new class of materials was inspired by disaster relief shelters. The presentation will then go on to cover the properties and benefits of GCCMs (Geosynthetic Cementitious Composite Mats) and their applications and uses. Finally, the presentation will explore how the latest generation of GCCM is being used on Irrigation Canals to provide a cost-effective solution to reducing seepage losses, by highlighting project examples in Egypt, South Africa and Chile.

PLEASE REGISTER:

<https://us02web.zoom.us/meeting/register/tZcqcO-prTorG9GmR2i6XdQUFHcWnpFATAed>

