A case for an open digital water systems

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February 8, 2023

1 Introduction

The last decade has seen signigicant focus on the

Digital transformation of water systems has been in progress for a while. But there is no wide spread adoptoion. There has been a increate in the new works and increasing research in last 10 years. Despirte the popularity of research, its adoption in for real cities has been limited.

In this blog post, I will provide an overview of the what we can leverage the lessoons from other feilds that have undergone digital transformation and provide a way for us to ursher in an era of digital water systems.

1. There is a lack of exchange between academia and industry. 2. We dont have industry standards on how we can evaluate and rank digital products 3. Best-practices on how we can create solutions for industry part

2 Background

There are a lot of control papers published over the years. But we have very few documented studies on it being applied in the actual systems.

Over the years

3 Methodolody

Reproducability work using docerization Open Model MP from Caleb

1. Open Source Infrastrucure This will help us set to 2. Eco systems

open-storm pyswmm pystorms examples from other groups standards on how we can communicate information

3. Foundation to help us guide the development

4 Discussion

How each of these above can help us address these challenges

5 Conclusion