Breakout Session

Reservoir Management and Forecasting

Are we on the right track with RTC-Tools Simulation?

As far as I can tell, yes. Looking forward to learning more.

Fucntions for reservoir operators

Would be nice to overrule operating curves with your own operation

3

What is your feature wishlist for operational Reservoir simulation software
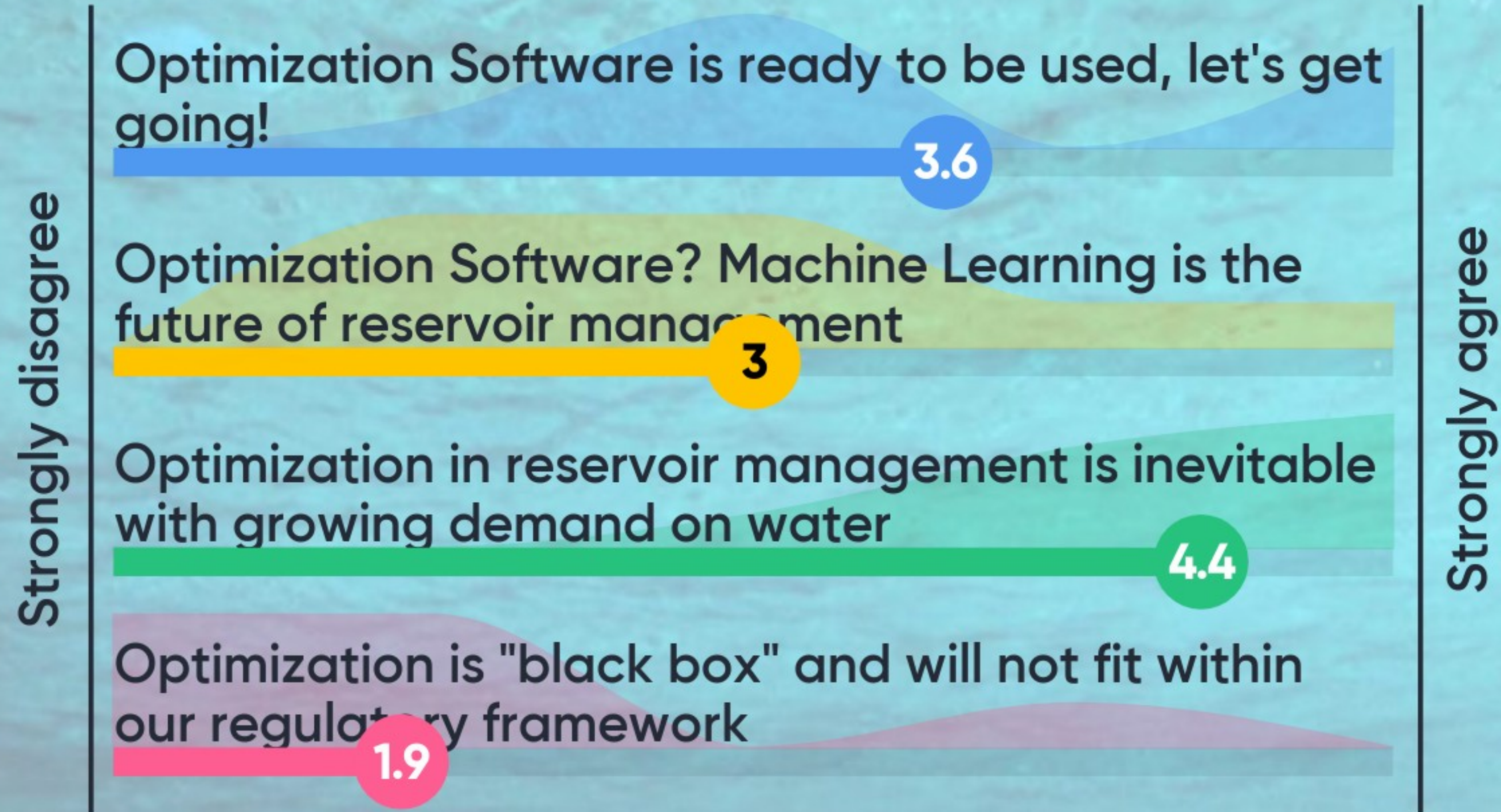
User friendly interface

I would like more documentation on rtc 2 itself

Release decisions conditioned on a downstream target flow at a confluence location, (i.e. target flow is the sum of reservoir release and unregulated tributary flow)

Derive operation rules from historical data for third parties reseroirs

adding chance constraint optimization

5

What is your opinion on operational Reservoir optimization?

Optimization Software is ready to be used, let's get going!

3.6

Optimization Software? Machine Learning is the future of reservoir management

3

Optimization in reservoir management is inevitable with growing demand on water

4.4

Optimization is "black box" and will not fit within our regulatory framework

1.9

What are you proud of in your Reservoir Forecasting System

Drawdown as well as resurge optimization

We've actually used our Res Sim software as upstream input to hydrological models, for long range inflow forecasts downstream.

2

Name your organization's key challenges you see with respect to Reservoir Management and Forecasting

upstream agencies

seasonal foreacast

uncertainty

3rd party reservoir data

forecast uncertainty

data availability

Are there any questions/remarks?

0 questions
0 upvotes