

# Deltares

## Delft-FEWS Anwendertreffen

**Live-Demo new features Delft FEWS**  
Maarten Smoorenburg, Roman Schotten

14:30 – 15:30

18-06-2020

# Contents

- Introduction (Maarten)
- New Look and Feel (Maarten)
- Dashboard Displays (Roman)
- Spatial Modifiers (Roman)
- Various configuration examples (Maarten)

# Introduction – Who are we?

What's our role?

*Delft-FEWS End Users close to the management and development of the Delft-FEWS software*

*Management and technical execution of projects involving Delft-FEWS*



Dipl.-Ing. Roman Schotten

Operational Forecasting – Coastal  
Flooding – Impact Forecast

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Dr. ir. Maarten Smoorenburg

Hydrologist @ Deltares / Forecaster @  
Rijkswaterstaat

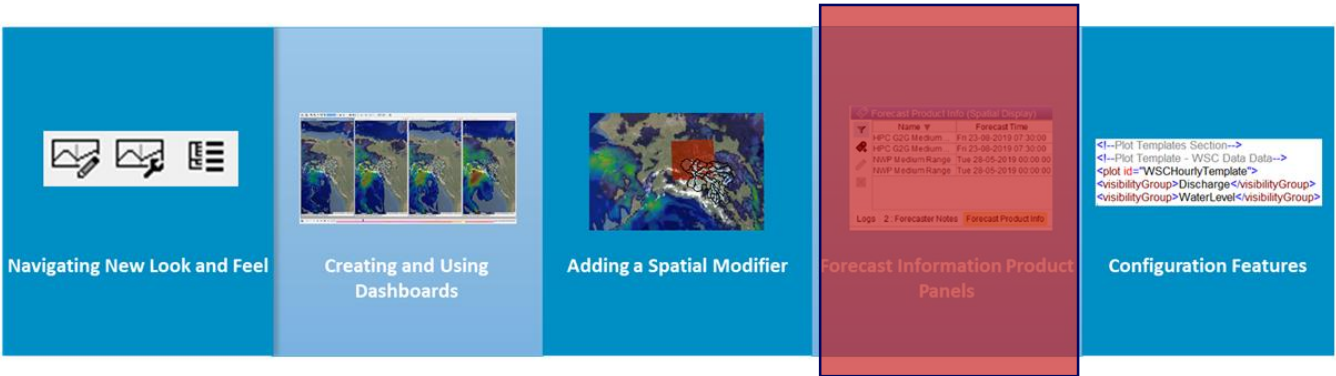
Hydrological Forecasting – Real Time  
Control – Water management

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# Introduction – What will we do this hour?

4 instruction blocks, each consisting of:

Some video recorded for Dave Casson’s 2019.02 New Features [webinar](#)



by Dave Casson (Deltares)

Deltares

[www.delft-fews.nl](http://www.delft-fews.nl) > community > blog

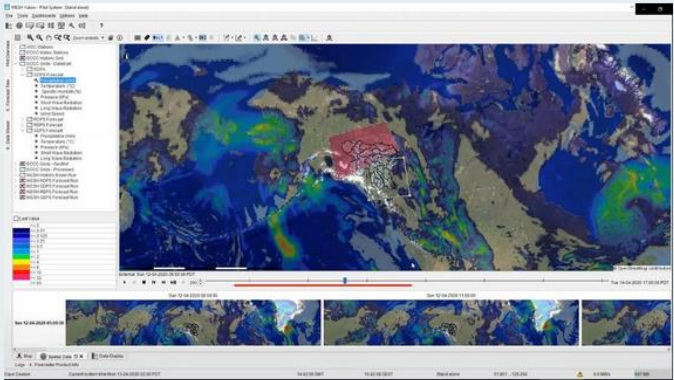
2019.02 New Features Webinar Complete  
7 May 2020

2019.02 New Features Webinar Complete

The 2019.02 New Features Webinar was an successful community event! We had 259 people from close to 50 countries attended the webinar!

A short questionnaire at the end showed that the webinar received an average score of 8.6, with virtually all respondents interested to join next time and 90% interested in further online training.

The Webinar went through 5 main topic themes each with a stand-alone video explaining the content more in detail.



Videos Available Online

The complete recorded webinar is now available online, along with the 5 stand-alone tutorial videos for 2019.02 features.

The link for the complete video is available here:

# Introduction – What will we do this hour?

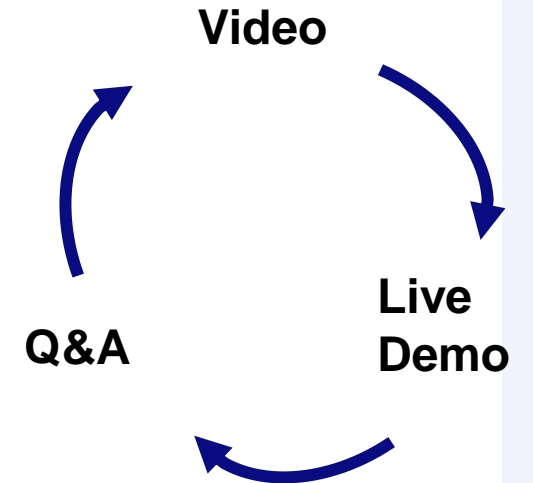
3 to 4 instruction blocks, each consisting of

Some video recorded for Dave Casson's 2019.02 New Features [webinar](#)

Followed by live demo with 2020.01 (**spoiler alert**)

- Pinpoint some configuration steps
- Pinpoint some 2020.01 features Marcel presented this morning

Questions and Answers



# Exercise 1: New Look and Feel

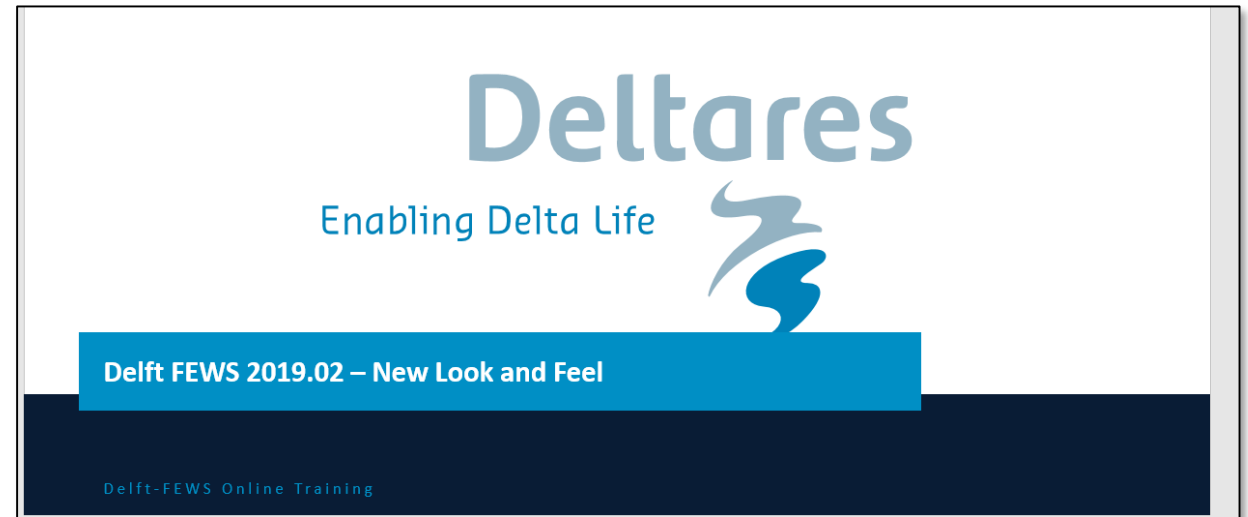
## Video

- New GUI and icons
- Ensemble Thumbnails
- User Defined Displays
- Manual Forecast Grouping

## Live demo

- More on ensembles
- Re-Using shapefiles
- On the fly computations
- Nested workflow nodes

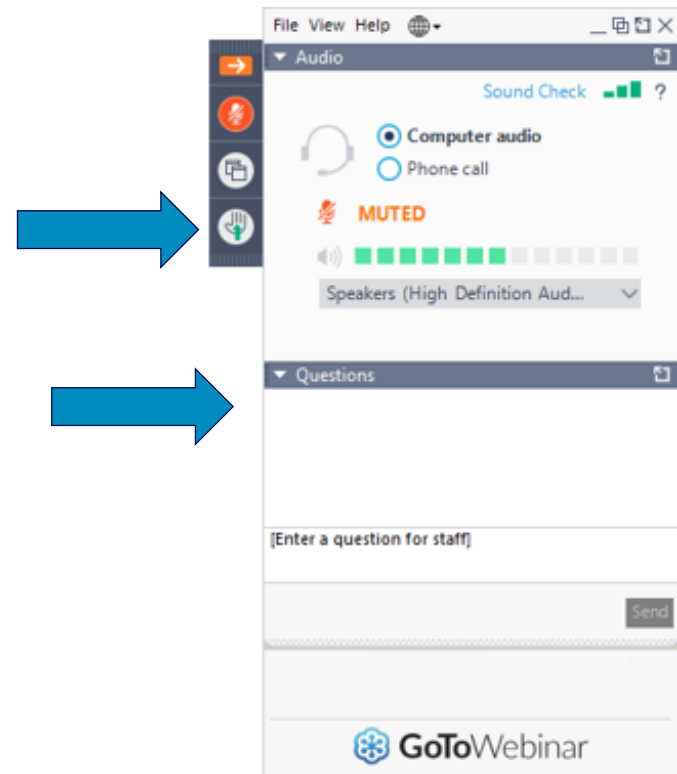
**Deltares**



Click to play the video

# Questions and Answers

## Exercise 1: New Look and Feel



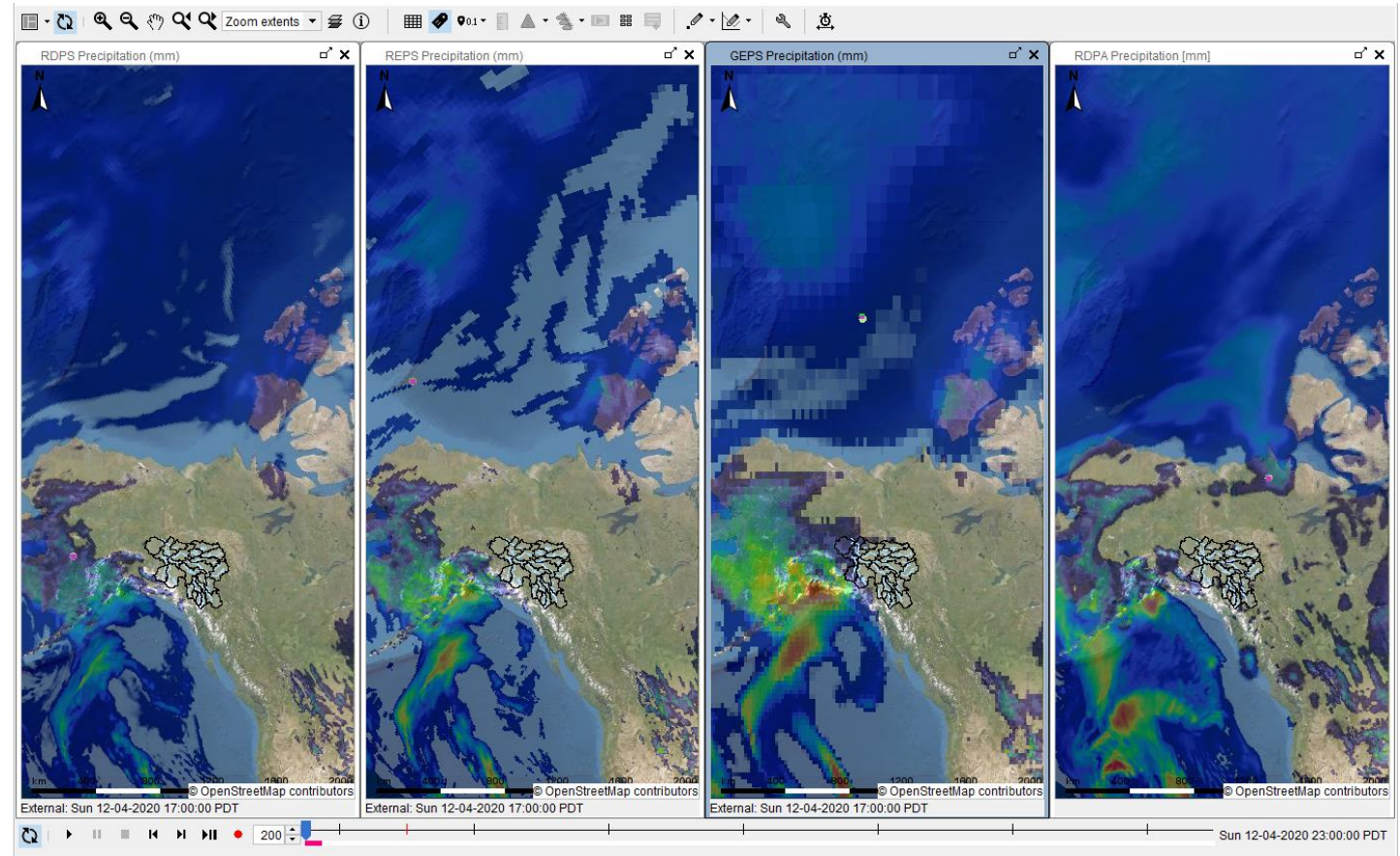
#daretoask



# Exercise: Dashboard Displays

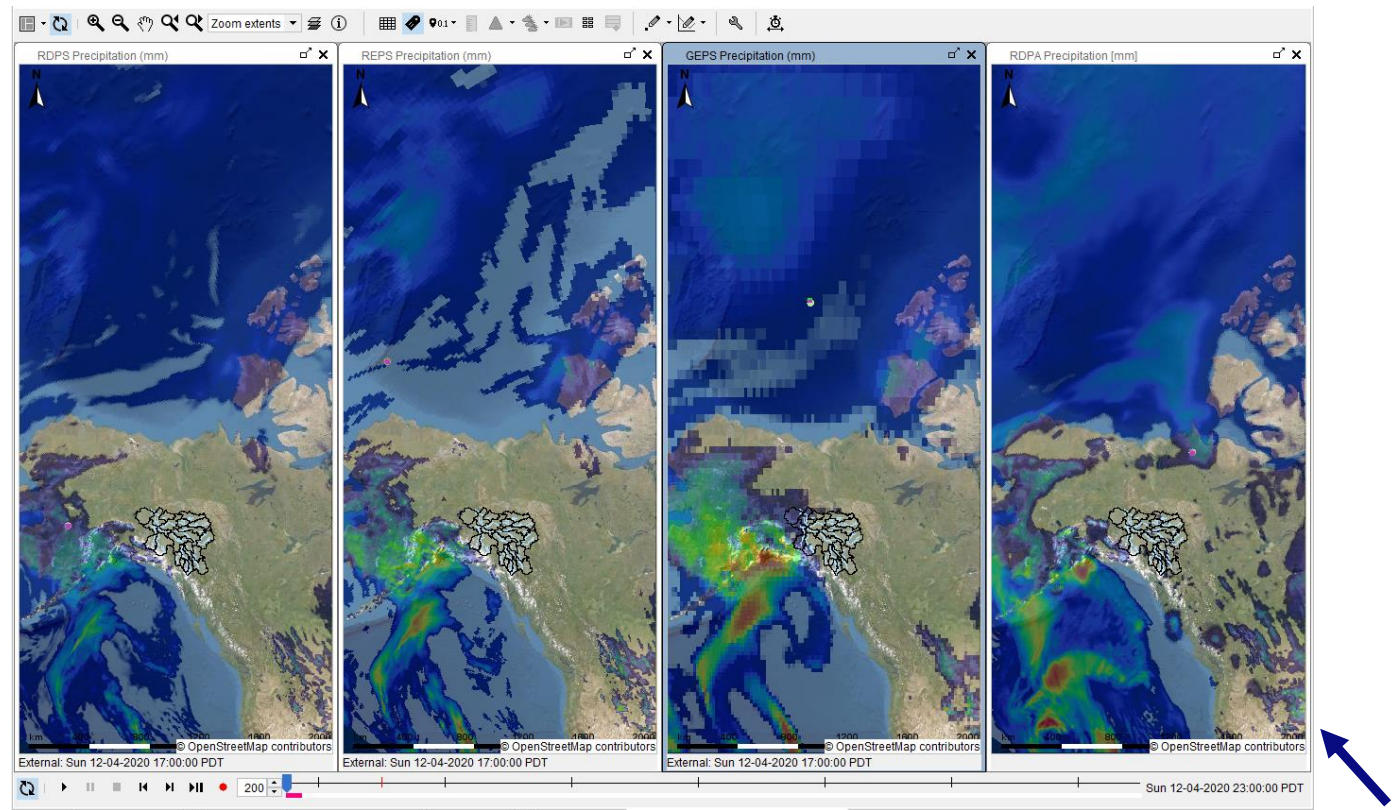
- Create, customize and modify
- Displays synchronised spatially and in time
- Easily saved and shared

"Dashboards gives user the opportunity to easily view several displays side-by-side..."



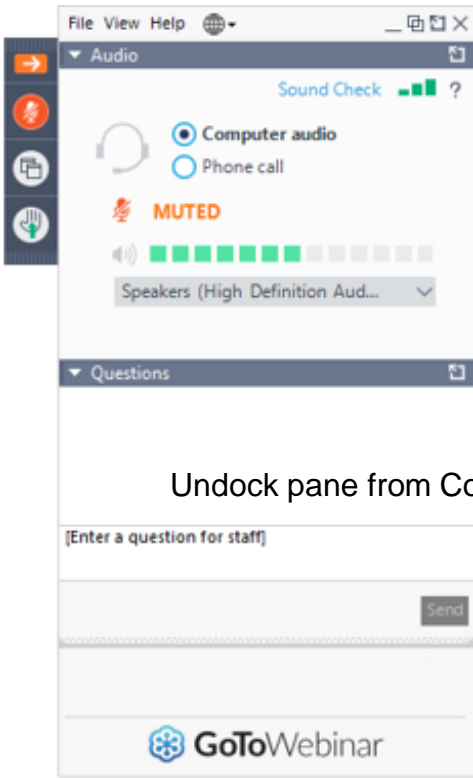
# Video

## Exercise 2 Dashboard Displays



Deltares

Click to play the video



Undock pane from Control Panel

#daretoask

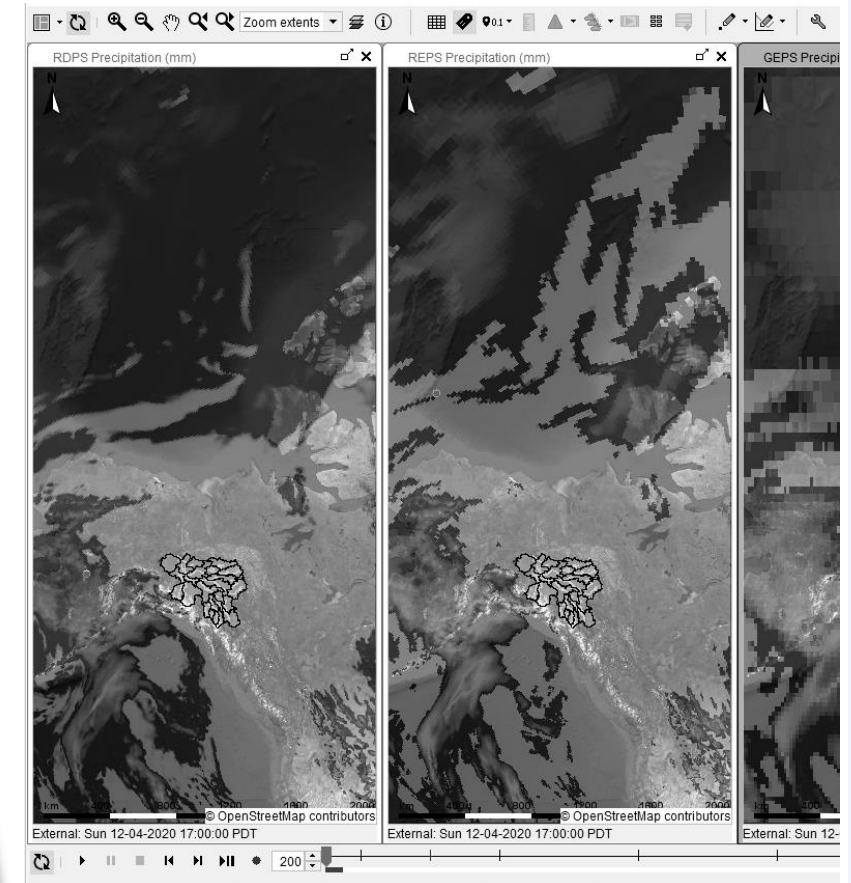


# Exercise: Dashboard Displays

## Questions?

- Create, customize and modify
- Displays synchronised spatially and in time
- Easily saved and shared

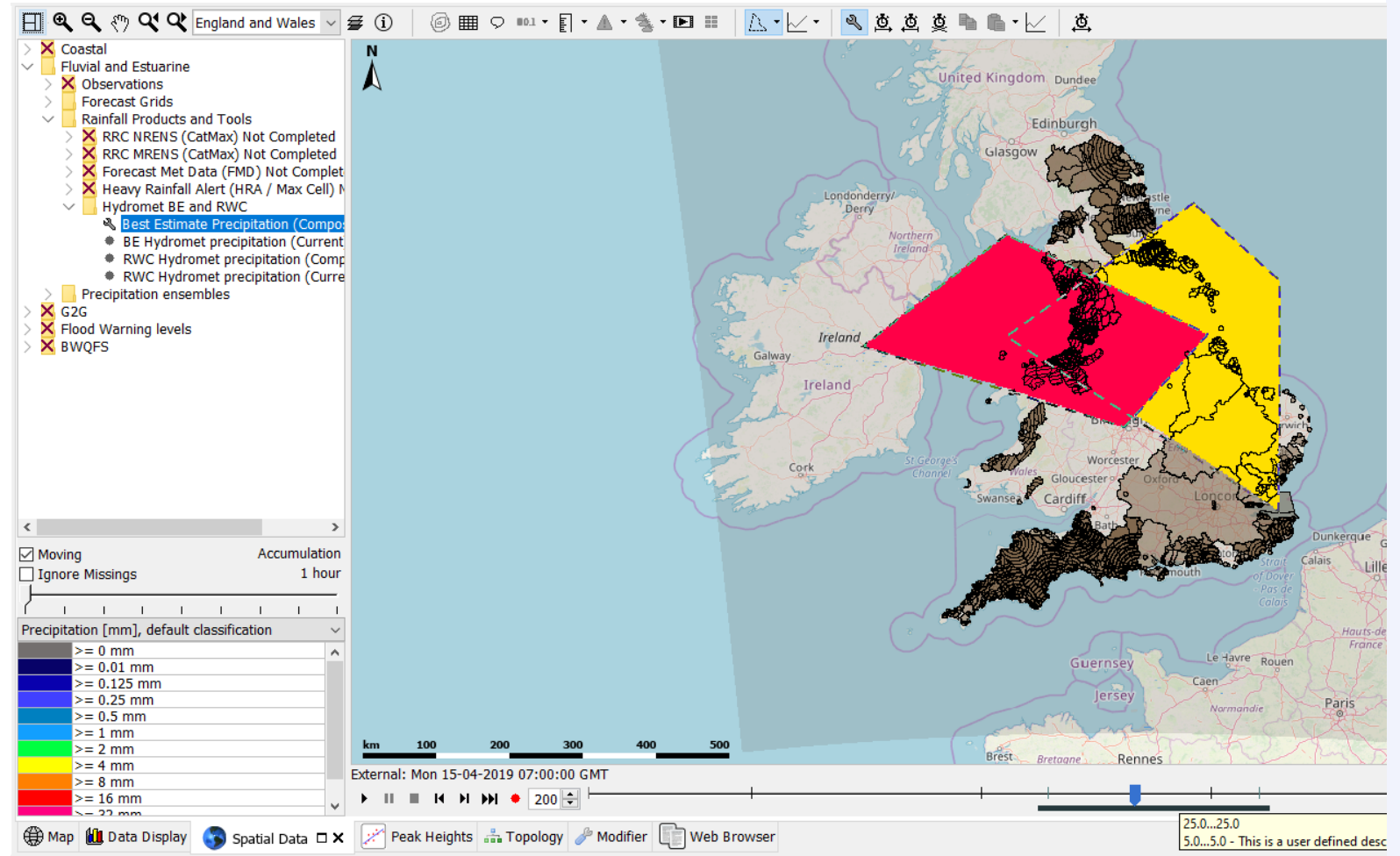
"Dashboards gives user the opportunity to easily view several displays side-by-side..."



# Exercise: Spatial Modifiers

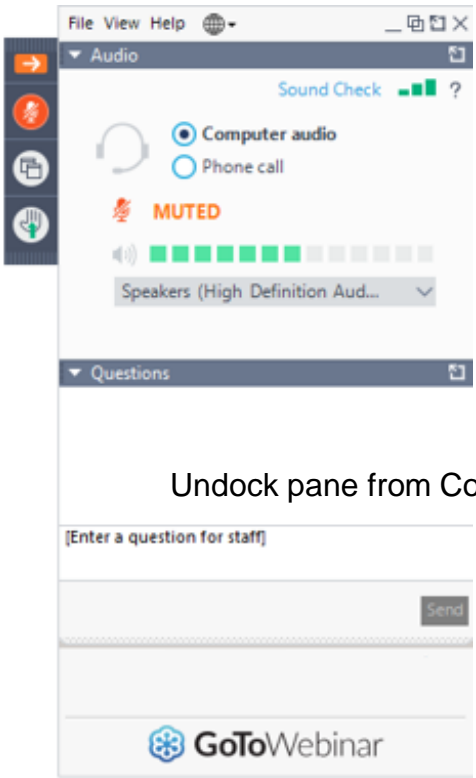
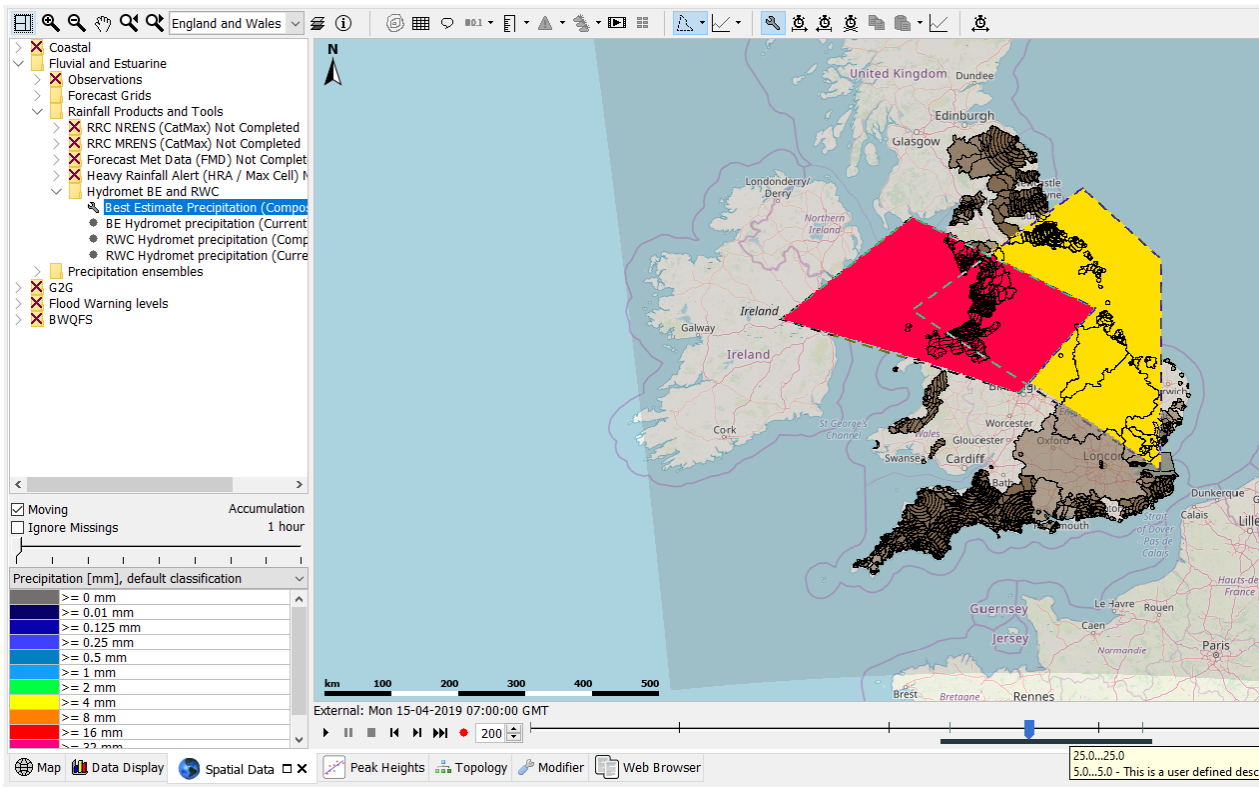
- Modify spatial input data
- Execute models using modified input
- Modifications traceable

"Spatial modifiers enable you to quickly generate forecast scenarios based on your expert knowledge..."



# Video

## Exercise: Spatial Modifiers



Undock pane from Control Panel

#daretoask

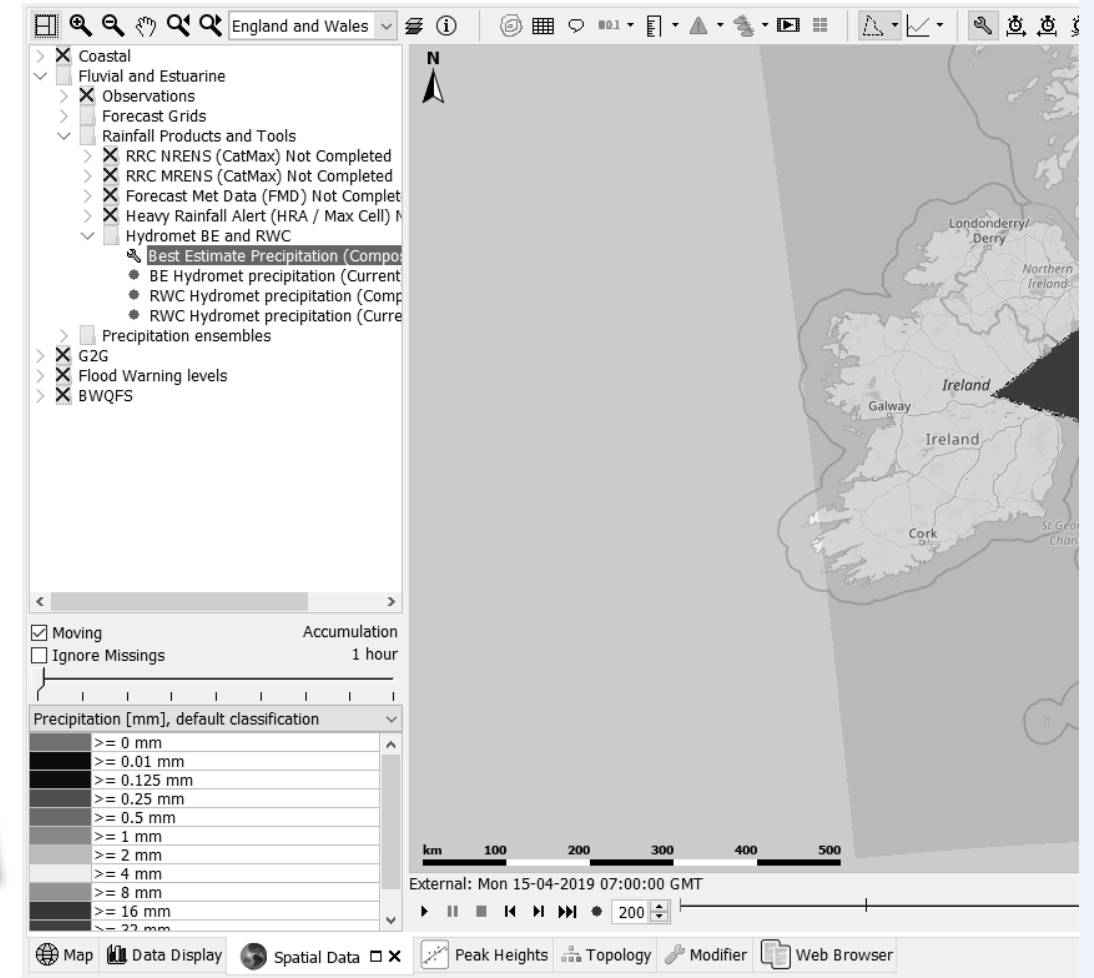
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Click to play the video

# Exercise: Spatial Modifiers

- Questions?
- Modify spatial input data
- Execute models using modified input
- Modifications traceable

"Spatial modifiers enable you to quickly generate forecast scenarios based on your expert knowledge..."

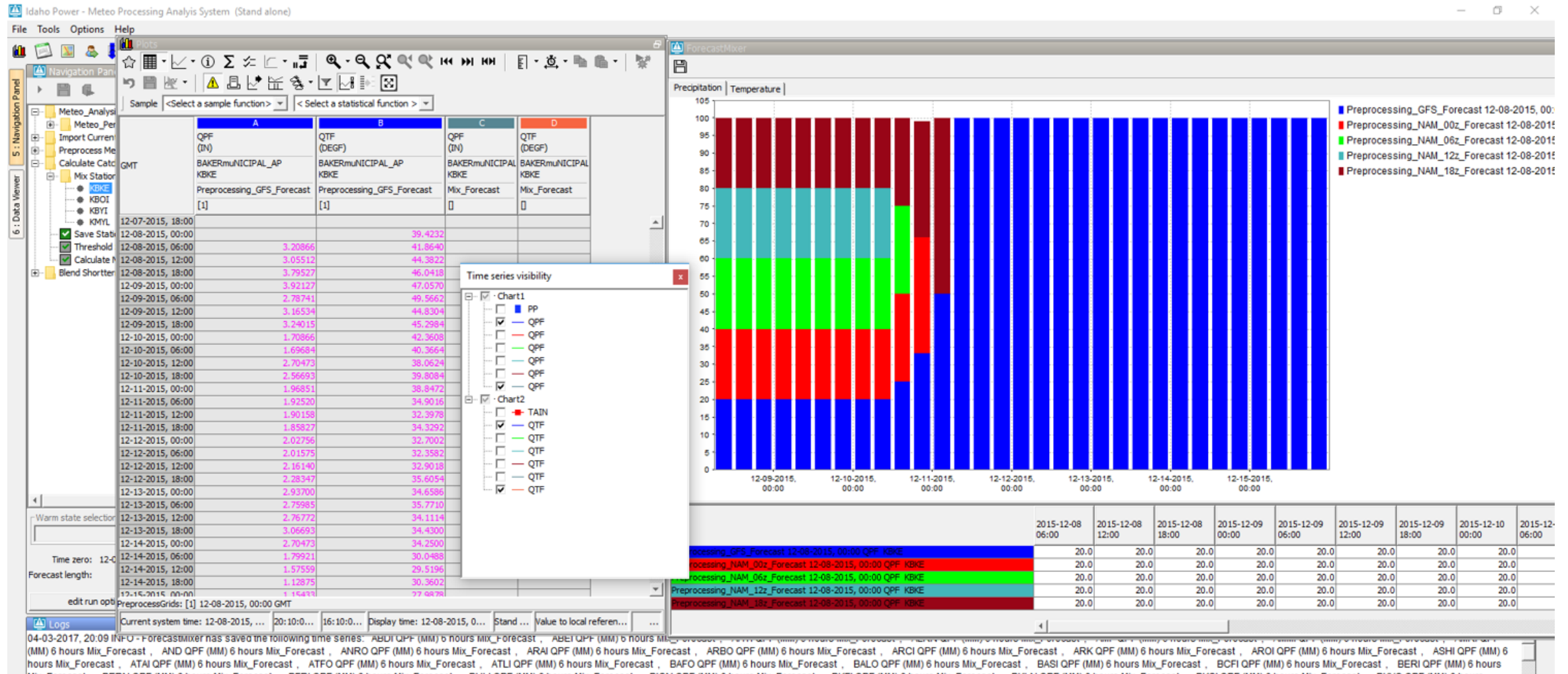


# Other: Forecast Mixer - Usage

1. Select a display from displayGroups in TSD. The most recent external forecast or current forecast are visible
2. If needed, open more forecast using the TSD button “Search and select forecasts”
3. Open ForecastMixer by pressing the button “Open Forecast Mixer” on the TSD tool bar (see TSDAndForecastMixer.png in zip file)
4. ForecastMixer uses filters from ForecastMixer.xml to obtain the relevant time series from plots.
5. For each separate filter (called ‘mixing’) a separate tab is created in ForecastMixer. It shows the default weights for all input time series .
6. If the weighting method is ‘userDefinedWeights’ then the user can change the weights . The chart (bars) are changing accordingly.
7. We can save the output forecasts using the buttons in the upper left corner. All output forecasts from all Tab’s are saved in one go.



# Other: Forecast Mixer - Usage





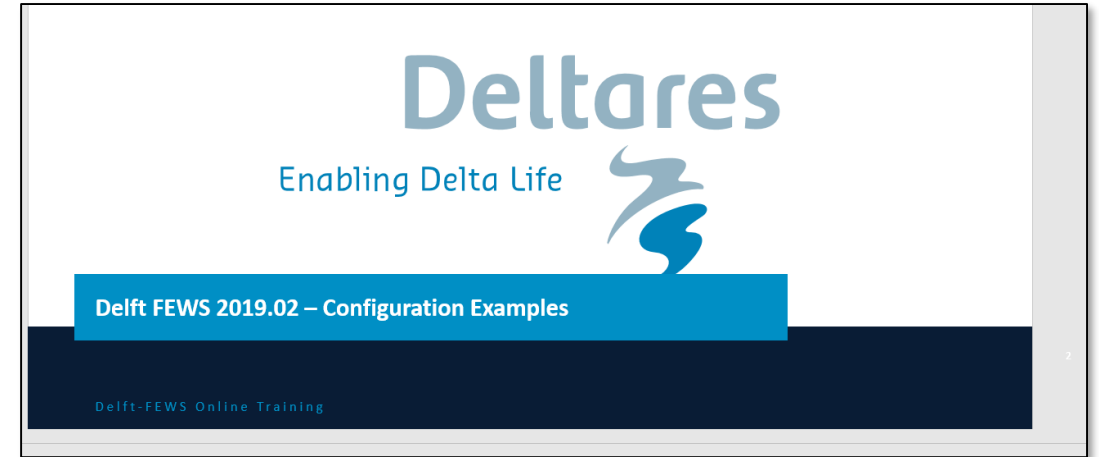
# Exercise 5: Various configuration examples

Video:

- Organize LocationSets with MetaData
- Review data with Display Groups
- Share Timeseries via PI Import and Export

Live demo

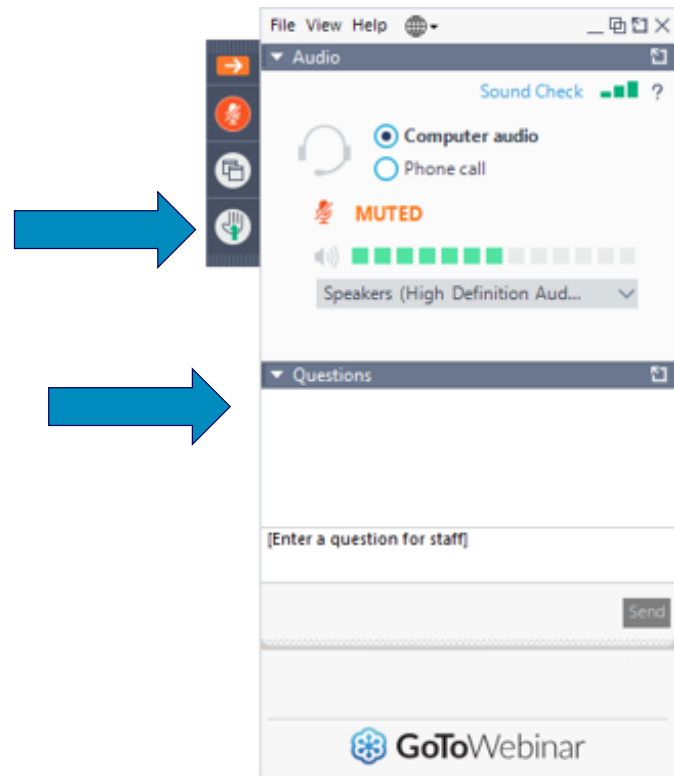
- Hide Unselected Outside Map



Click to play the video

# Video

## Exercise 5 Configuration Example



#daretoask

Undock pane from Control Panel

[illegible]

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 [facebook.com/deltaresNL](https://facebook.com/deltaresNL)

