

# Improving operational water management, and WSUD, with real-time calibrated rainfall data.

The frequent occurrence of excessive rainfall in urbanised areas and river catchments is an important reason for water managers to have access to the best available rainfall data for effective planning, design, operation and maintenance of their water systems and related assets. With climate change, the expected increasing frequency of such excessive rainfall provides even further incentive for water managers to have timely access to such data, which is recognised as a key data source for effective water management.

Various sources of precipitation data, within several studies, were compared to explore the benefits of calibrated radar rainfall data. Water Technology staff concluded that calibrated radar rainfall can be a significantly improved data source for water management activities and models. This approach exceeds rain gauge network density

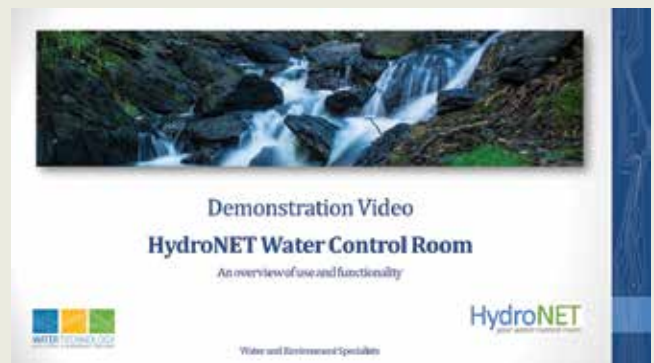
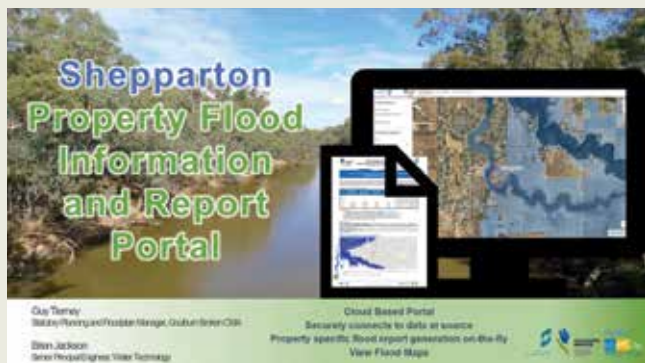


recommendations for all urban water management needs, including WSUD, and is significantly cheaper and more robust to implement than further expanding existing rain gauge networks.

More information about the study and data comparisons is available [here](#).

Contact Brian to discuss how HydroNET method can be used to access calibrated rainfall data.

## Webinar Recordings



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