KNOWLEDGE DRIVEN WATER MANAGEMENT SOLUTIONS

# PROGRAM

| **Walk-in** | | | |
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| *08:30 NL/SA time* | *16:30 AU time* | *01:30 CO time* | *02:30 US time* |

| **Theme: Urban Water Management** | | | |
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| *9:00 NL/SA time* | *17:00 AU time* | *02:00 CO time* | *03:00 US time* |

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| **Theme Vision** | Arnold Lobbrecht- Hydrologic<br>*Welcome and opening of HydroNET Live 2022*<br>*Knowledge driven water management* |
| **Main story** | Paul Rasmussen & Brian Jackson – Melbourne Water<br>*Urban Drainage Visualisation using HydroNET* |
| **User stories** | Tendai Sawunyama<br>*Application of HydroNET to enhance water resources management decision making within Inkomati-Usuthu Water Management Area* |
| | Gerrit Hiemstra - Weather Impact<br>*Forecasting extreme precipitation in The Netherlands* |
| | Stefan Ligtenberg - Weather Impact<br>*Operational forecasting and alert service for flooding* |
| | Huug Meier & Torsten Kooistra - Municipality of Amersfoort<br>*SCOREwater – Use of data and technology for climate adaptation* |
| | Guy Tierney & Brian Jackson – Goulburn Broken CMA<br>*Goulburn Broken Flood Intelligence Portal* |

| **Networking break** | | | |
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| *10:30 NL/SA time* | *18:30 AU time* | *03:30 CO time* | *04:30 US time* |

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| **Theme: Fresh Water Availability**<br>*11:30 NL/SA time* *19:30 AU time* *04:30 CO time* *05:30 US time* | |
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| **Theme Vision** | Leanne Reichard - HydroLogic<br>*Smart water management solutions for climateproof fresh water availability* |
| **Main story** | Sindy N. Mthimkhulu & Thembeka S. Nkambule - Joint RBA's Project Board<br>*Assisting Eswatini to make meaningful water use decisions through the HydroNET platform* |
| **User stories** | Christiaan Olivier - Hex Valley Water Users Association<br>*Determining irrigated volumes on farm level using incremental evaporation* |
| | Jippe Hoogeveen - Food and Agriculture Organization of the United Nations<br>*Knowledge driven agricultural water management through new technologies and innovations* |
| | Rutger van Ouwerkerk - Dutch Water Authority Brabantse Delta<br>*The use of water balance in regional water management* |
| | Daniel Lovell - Goulburn Broken Catchment Management Authority<br>*The role of hydrometric information tools in managing and communicating delivery of water for the environment in the Goulburn River* |
| | Eustathia Bafilatos - Department of Water and Sanitation<br>*The national roll-out of HydroNET to support South Africa's Catchment Management Agencies* |
| | Meinte Blaas - Rijkswaterstaat<br>*Fresh Water Availability: Water Management in the Netherlands on Operational, Tactical and Strategic level* |
| | Nathalie van Veen - Rijkswaterstaat<br>*How to keep fresh water in the Dutch Delta? Case study Hollandsche IJssel* |

| **Networking break**<br>*13:20 NL/SA time* *21:20 AU time* *06:20 CO time* *07:20 US time* |
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| **Theme: Flood Management**<br>*14:00 NL/SA time* *22:00 AU time* *07:00 CO time* *08:00 US time* | |
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| **Theme Vision** | Maarten Spijker - HydroLogic<br>*Effective knowledge driven solutions for managing floods* |
| **Main story** | Luuk Knook - Hoogheemraadschap Stichtse Rijnlanden<br>*Decision support system Vidente 1.0 with HydroNET* |
| **User stories** | Oliver Nicholson - Office of Public Works<br>*The use of The Water Control Room for Flood and Drought Emergencies in Ireland* |
| | Jan Heida – ESRI<br>*Esri and HydroLogic cooperate on a robust information supply* |
| | Bram Schnitzler – HydroLogic<br>*HydroNET ArcGIS collaboration example - dashboard dike monitoring* |
| | Bart van der Aa - Dutch Water Authority Limburg<br>*Managing up to 900 flood prevention action in time* |
| | Nadine Slootjes - Deltares<br>*WaterCONNECT – access to reliable data, simulation models, forecasts and dash-boards in support of decision-making processes for water management* |
| | Saúl Buitrago Díaz – Awaio<br>*HERMANA: A tool for integrated water management. Experiences in Valle del Cauca Valley in Colombia* |
| | Thilivhali Munyai - Gauteng Provincial Disaster Management Centre<br>*How Gauteng Provincial Disaster Management Centre utilizes HydroNET Weather Information to enhance its preparedness and response capabilities* |

| **Networking break**<br>*15:45 NL/SA time* *23:45 AU time* *08:45 CO time* *09:45 US time* |
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| **End**<br>*17:00 NL/SA time* *01:00 AU time* *10:00 CO time* *11:00 US time* |
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