

YOUR WATER DATA – FROM FIELD MEASUREMENT TO WEB INTERFACE ANALYSIS

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What options do you have for collecting Water data in the field and getting it back to the office and having it available on the web for analysis?

In this session Matt Saunders will describe data logging principles in general for water measurements and the currently available communications and other options for transporting logged data from the field into a central computer system in near real time for analysis.

The options, including modern IP based systems, will be discussed, principles for IP data delivery over the internet will be explained and examples of data rates and availability in remote areas will be outlined.

Matt Saunders will also discuss the balance between data logging intervals, data logger battery life and cost trade offs for dial up modem, GPRS, CDMA, SMS/Short Burst data and the emerging Satellite IP data systems along with approx costs of these alternatives.

Matt Saunders is the General Manager of Unidata Pty Ltd, a long established data logging company based in Perth. Matt's most recent experience includes managing Research Grants at Curtin University. He has also headed up Communications Software and Hardware companies as well as working for Telstra's Packet, Frame and Cell technology company QPSX Communications. Matt has recent experience in Africa and has long experience in remote area communications throughout Asia, India and the Middle East.