

LOCAL MONITORING SYSTEM SUPPORTING A FLOOD THREAT RESPONSE

DHI - PROJECT ANALYSIS

MEASUREMENT SYSTEM WITH AN AUTOMATIC DATA TRANSFER

Comprehensive protection against flood threat of Zulawy – Stage 1 – City of Elblag.

Monitoring system consists of 10 monitoring stations located on the warminsko-mazurskie province. Each of these stations has its own complete infrastructure and equipment for measurement data monitoring and transfer. The main task of telemetric stations is transferring data concerning hydro - and meteorological conditions to the operator software.



Customer:
DHI Poland



Location:
Warminsko-mazurskie Voivodeship, City
and County of Elblag



Design:
Local monitoring system supporting a flood
threat response.



Equipment:
10 digital data loggers

9 radar water level sensors

9 hydrostatic water level sensors

2 weight rain-gauges

2 ultrasonic wind- gauges

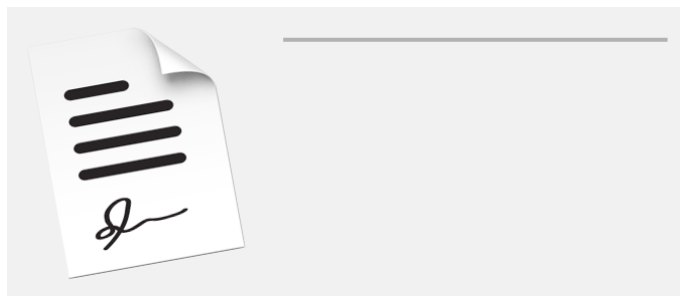
2 ultrasonic flowmeters

WORKS

- Construction of automatic telemetric measurements stations
- Assembly, implementation, startup and calibration of the system
- Data transmission to the Crisis Management Center

SUMMARY

- Construction of hydro – and meteorological measurements network
- Each station works autonomically
- Providing data to the flood threat forecast module



Technika IT S.A.
ul. Toszecka 2
44-102 Gliwice,
Polska

Phone: [0048 32 338 38 70](tel:0048323383870)
Fax: [0048 32 338 38 71](tel:0048323383871)
sales@technikait.com.pl

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