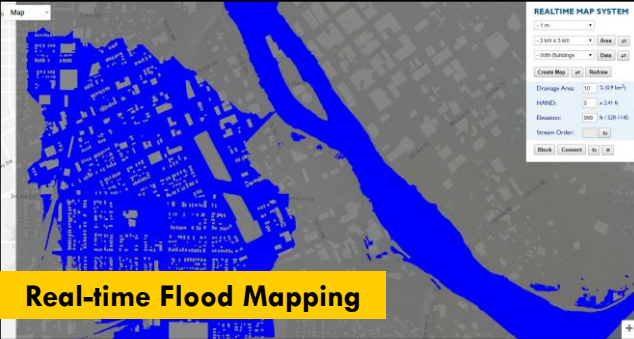
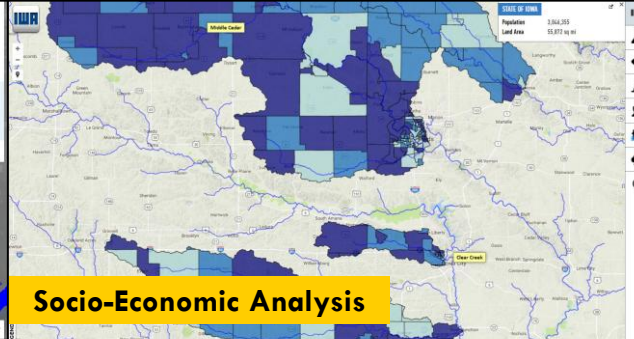




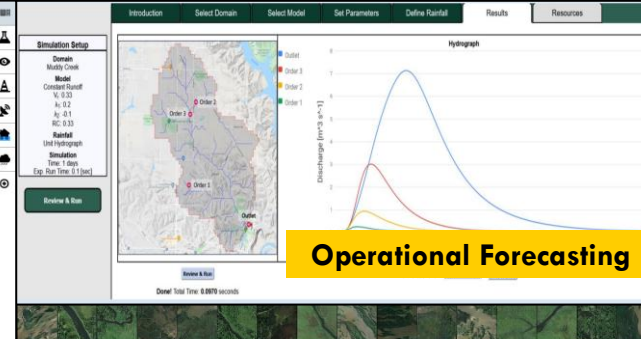
# Decision Making in the Era of Artificial Intelligence, Digital Twin Systems and Metaverse



Real-time Flood Mapping



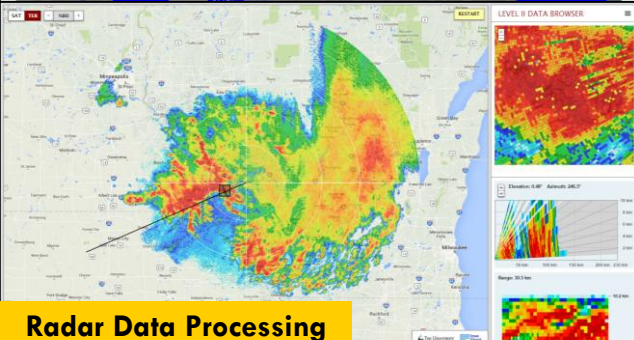
Socio-Economic Analysis



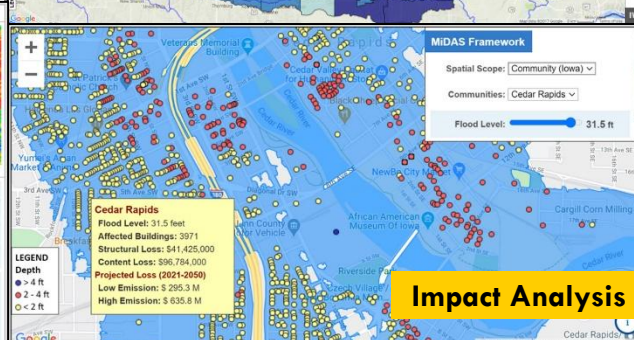
Operational Forecasting



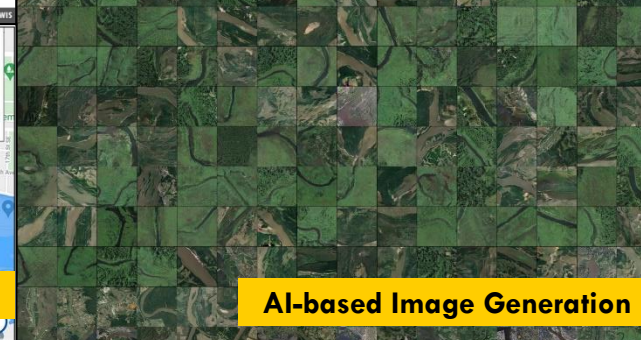
Digital Twin



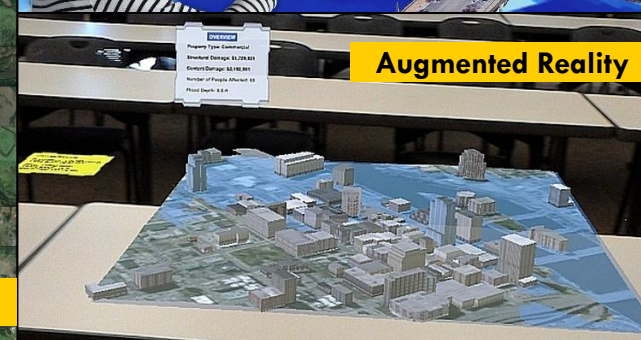
Radar Data Processing



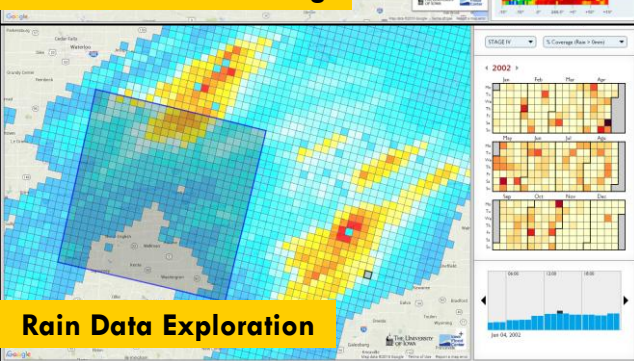
Impact Analysis



AI-based Image Generation



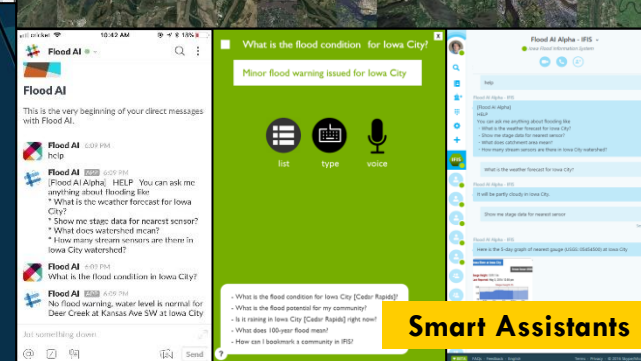
Augmented Reality



Rain Data Exploration



Visual Analytics



Smart Assistants



Virtual Reality

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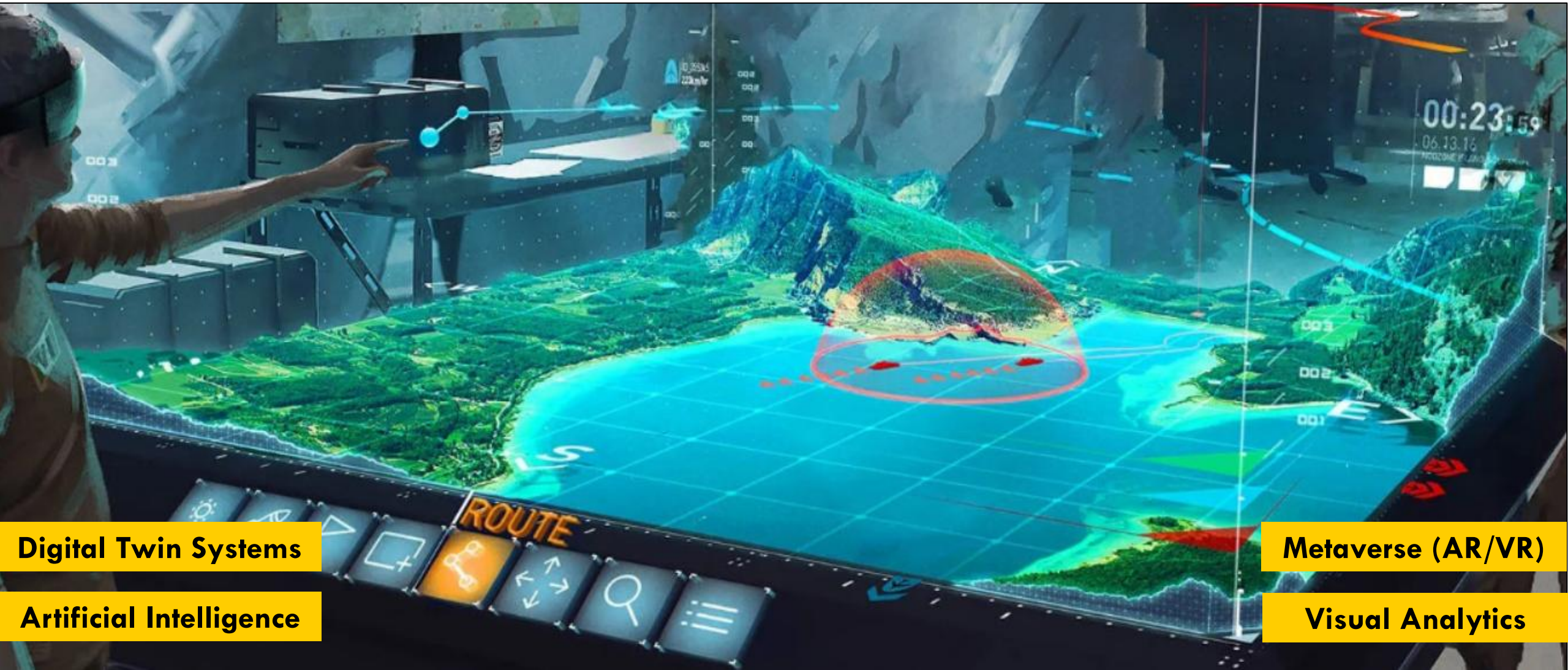
Ibrahim Demir, Associate Professor, IFC, IIHR, CEE, ECE

Director, Hydroinformatics Lab, University of Iowa



# Decision Making in the Era of Artificial Intelligence, Digital Twin Systems and Metaverse

**IOWA**



Digital Twin Systems

Artificial Intelligence

Metaverse (AR/VR)

Visual Analytics

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