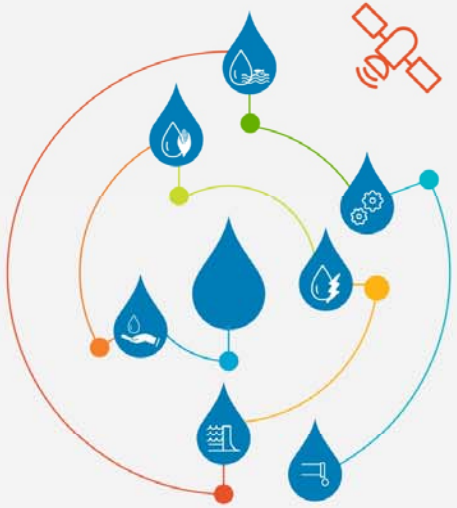
Online portal supporting flood and drought management in Asia



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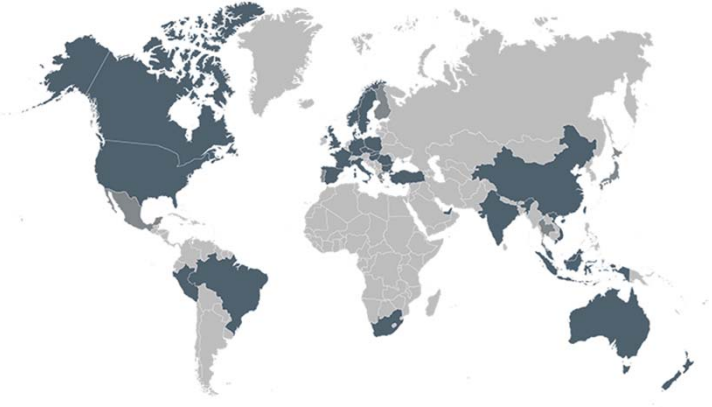
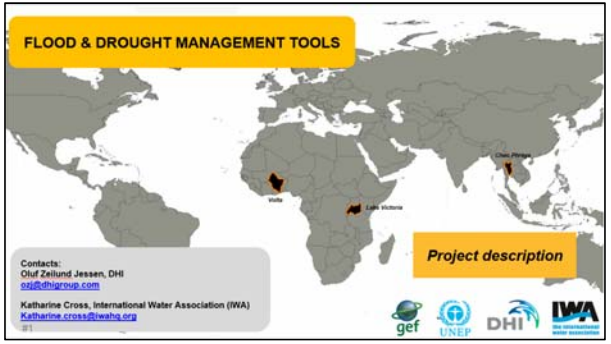
DHI, October 2018

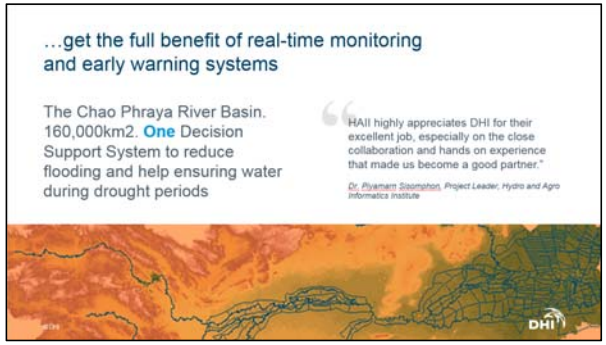
ADB

DHI in Asia





Flood & Drought Management Tools Project



Flood early warning - Thailand

Ayeyarwady decision support system and basin master plan - Myanmar

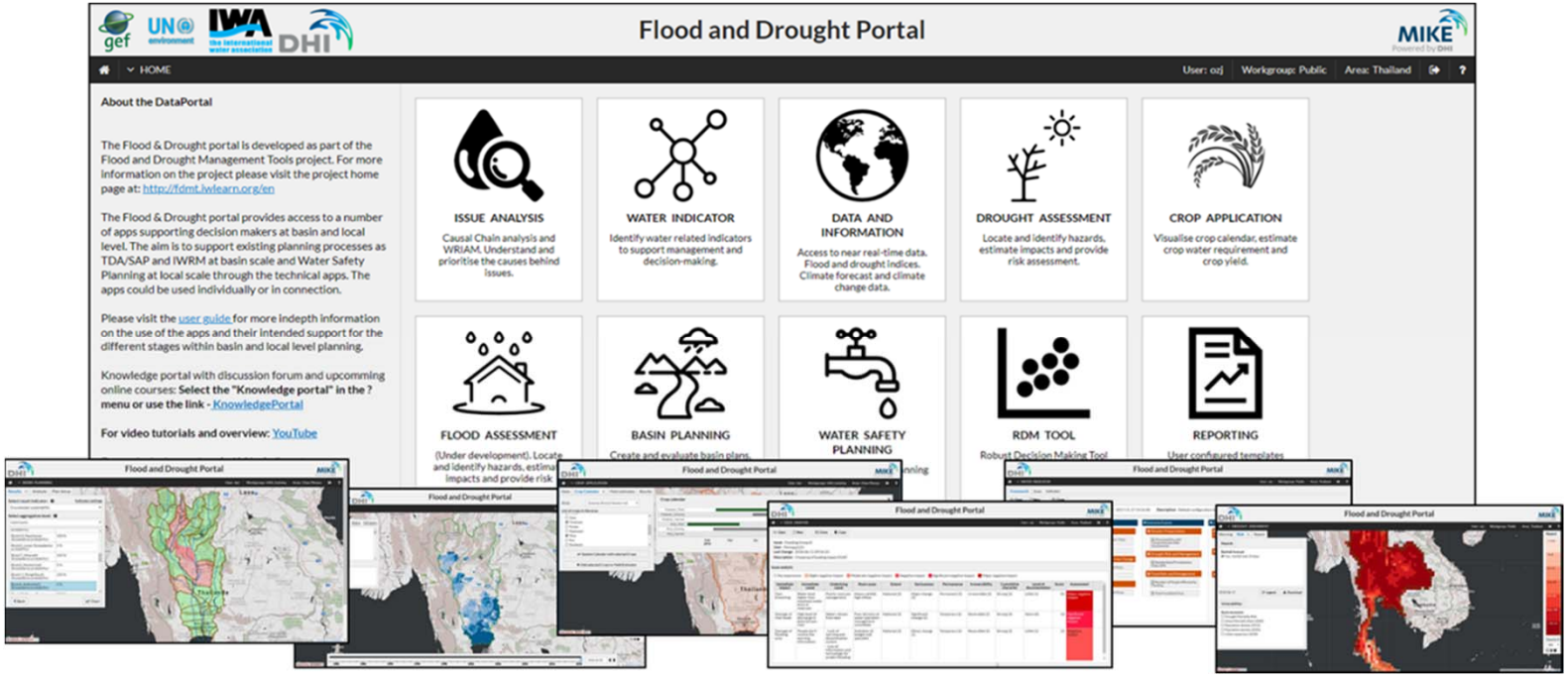
Basin Planning - objectives

Basin Planning – across time scales

	Hours	Days	Months	Years	Decades
Solutions	• On-line monitoring • Flash flood forecasting • Real-time control • Emergency management • **Flood forecasting** and early warning • …	• **Reservoir operation** • **Water allocation** • **Seasonal forecasting** • **Drought management** • Reservoir sedimentation management • …	• Infrastructure development • **Water and environmental planning** • **Climate change adaptation** • …		

Online portal with tools for basin and catchment planning

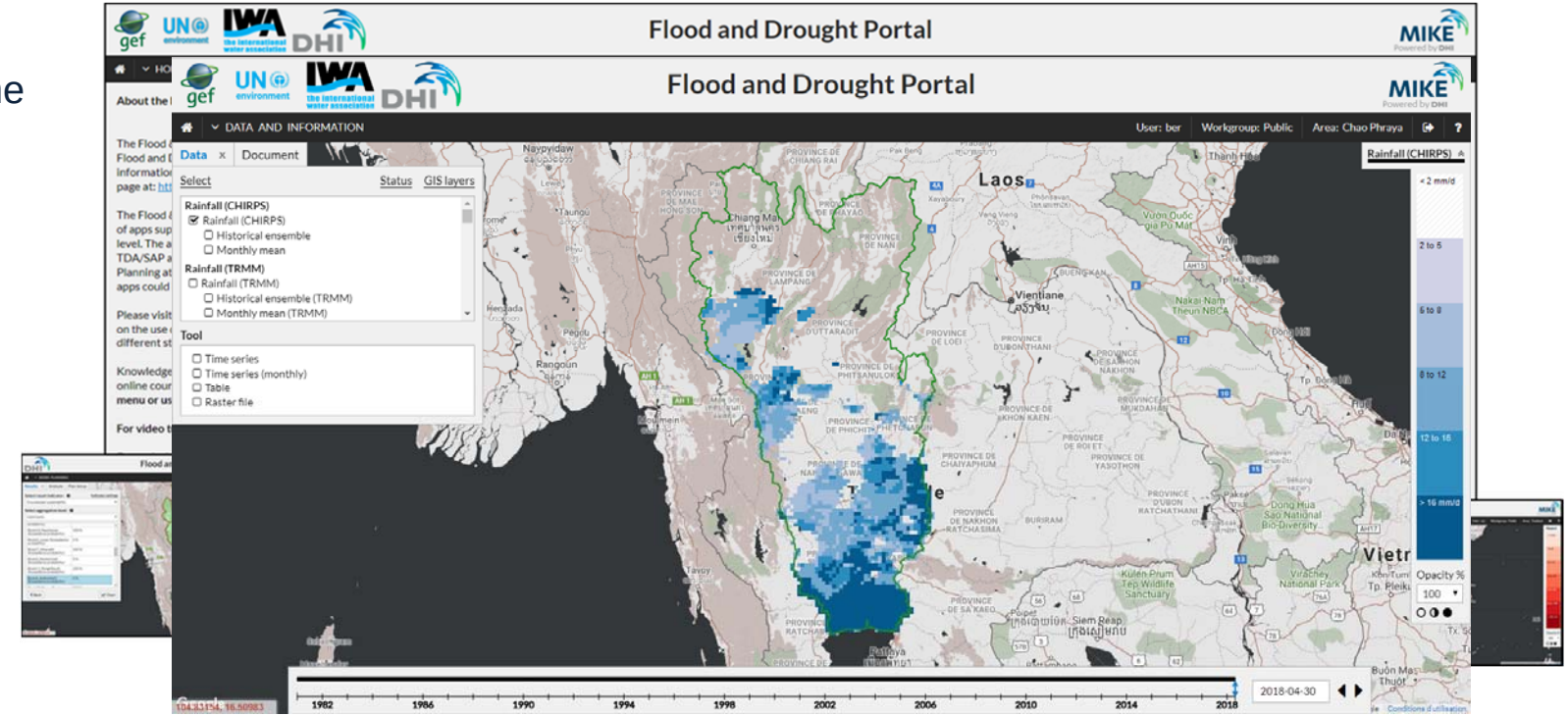
Online portal with tools for basin and catchment planning



www.flooddroughtmonitor.com

Online portal with tools for basin and catchment planning

Near real time satellite data



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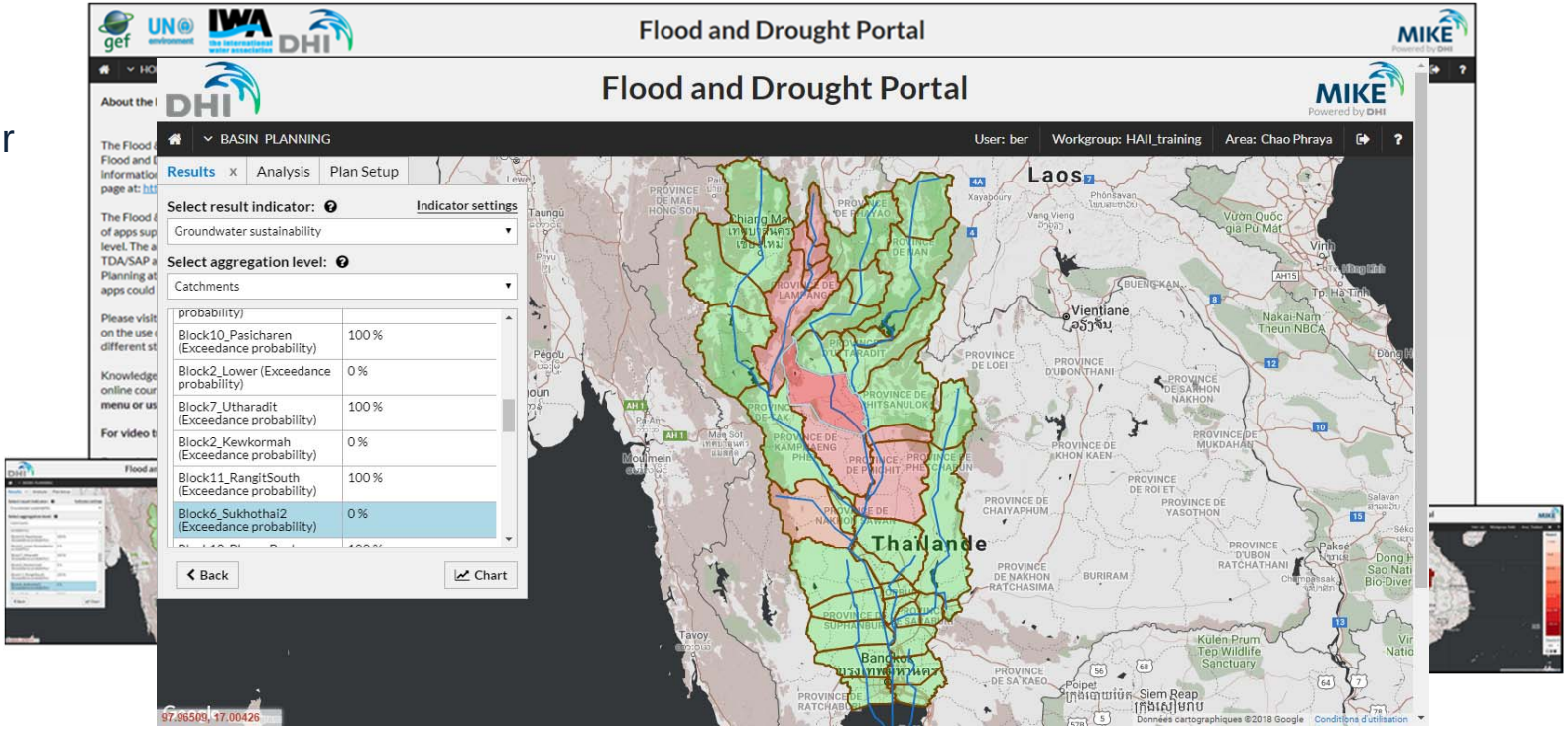
Planning tool linked to water resources model



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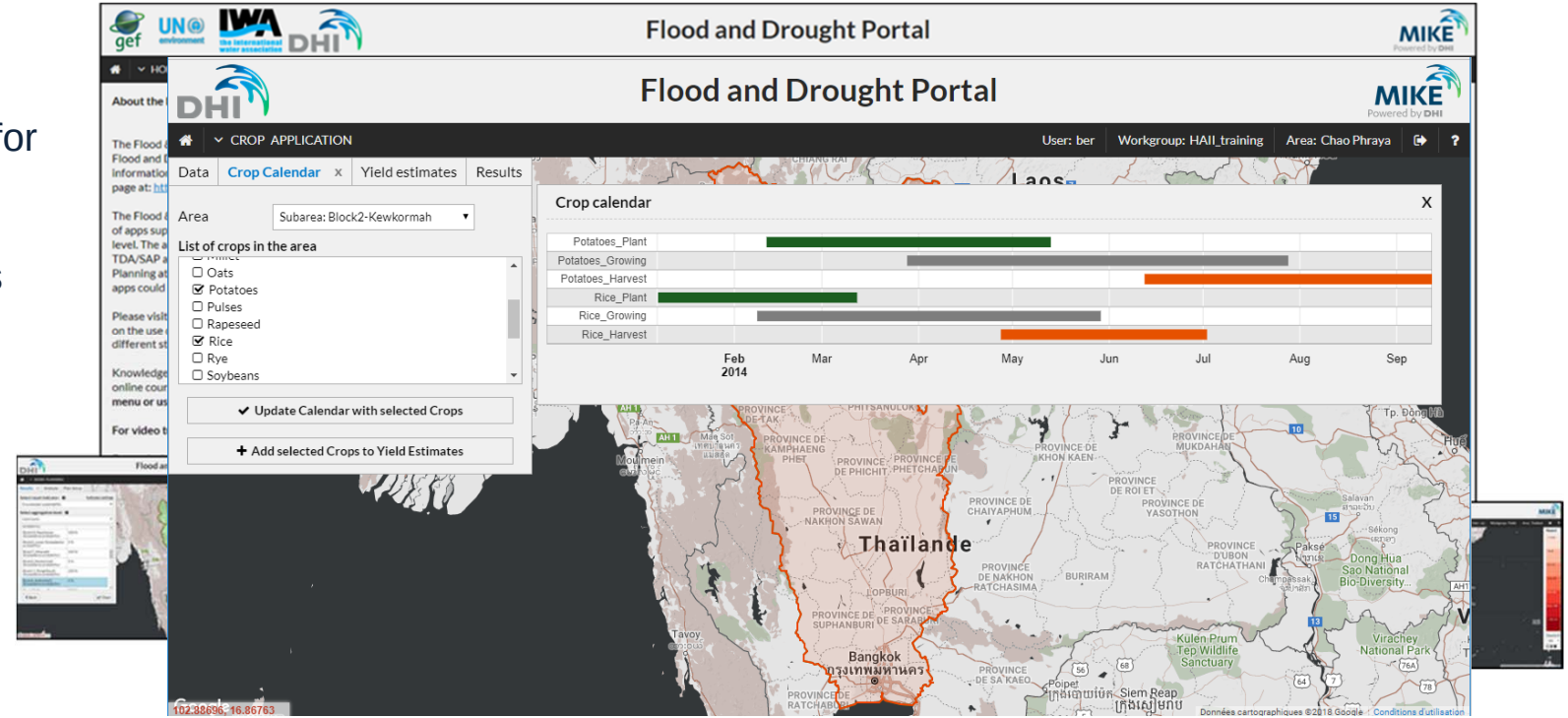
Specific applications for flood and drought assessments



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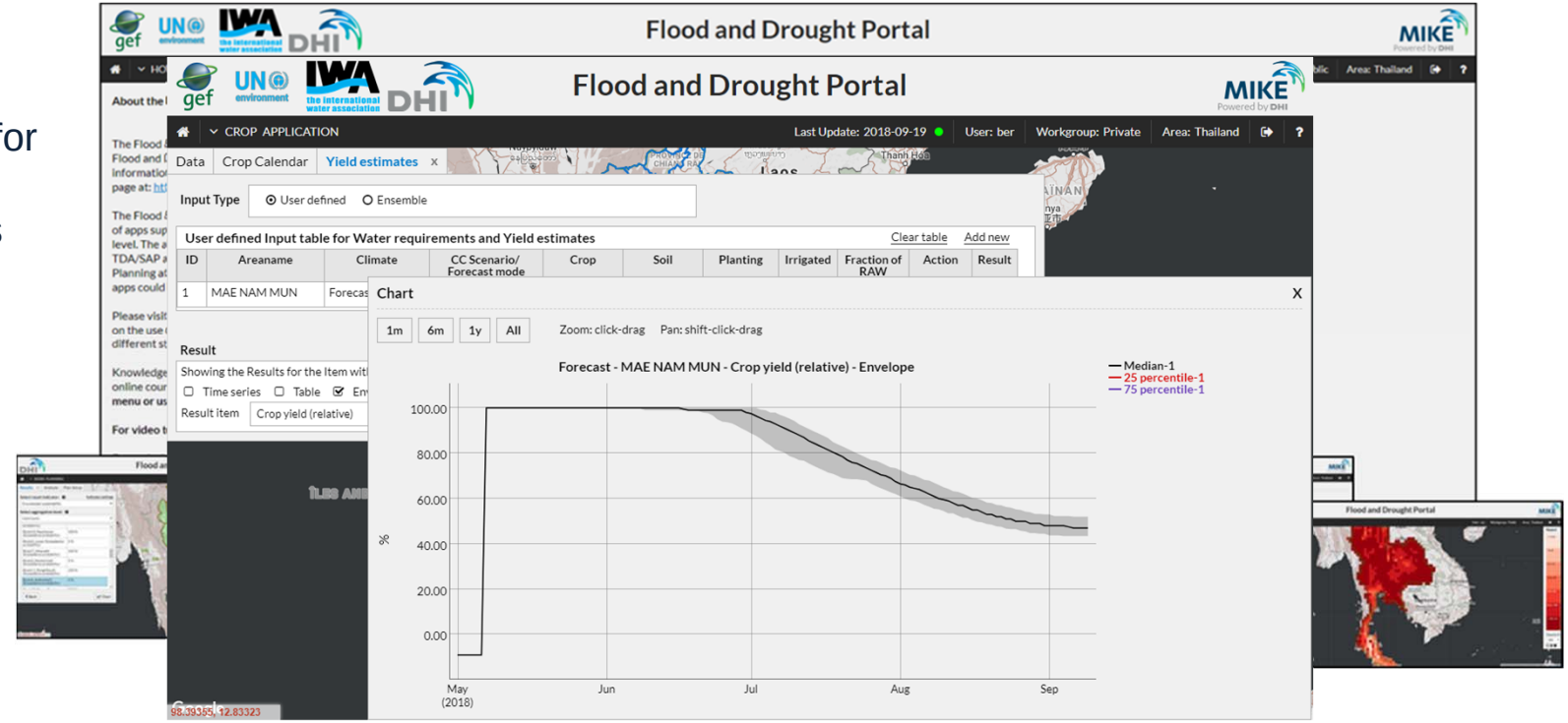
Specific applications for crop yield assessments



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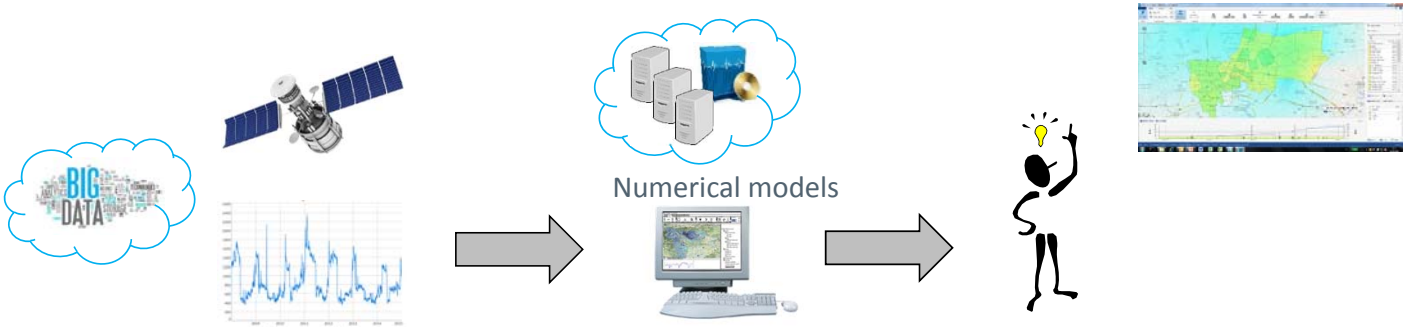
Providing the best basis for sound decisions



Data *Analysis* *Decision process*