HITACHI
Inspire the Next

Diovista
DioVISTA Hands-on Seminar

◎ 株式会社 日立パワーソリューションズ

Schedule

time	substance
5 minutes	Opening Remarks
25 minutes	Lecture DioVISTA/Flood Operating Procedure
60 minutes	Exercise: Creating a map of the expected inundation area of a Class 1 river • Capture river channel data • Ground clearance editing • Set embankments and culverts • Setting levee conditions • 25m mesh flood calculation • Creation of envelope diagrams • Preparation of deliverables in accordance with the guidelines
25 minutes	Q&A
5 minutes	Closing Remarks

• Purpose of the seminar

- Purpose
  - Flood area mapping work Increased productivity

subject

- New foundation formula
- Support for computational mesh subdivision (25m)
- Set up a house collapse risk zone
- Set the flood duration
- Output in NetCDF format
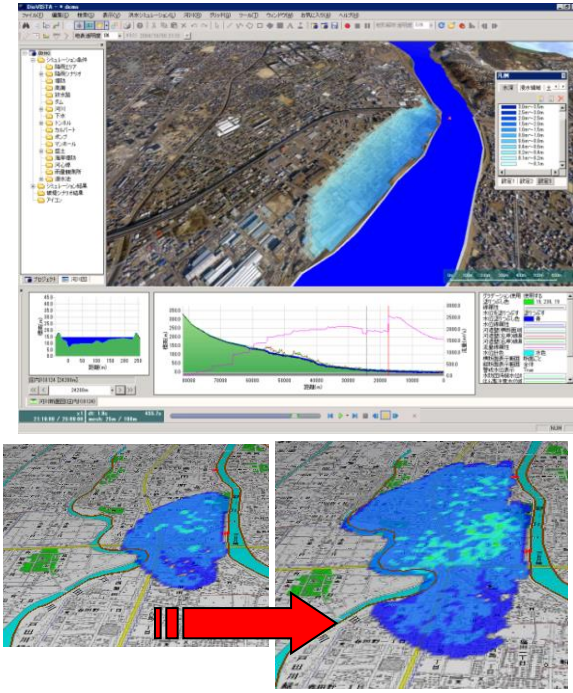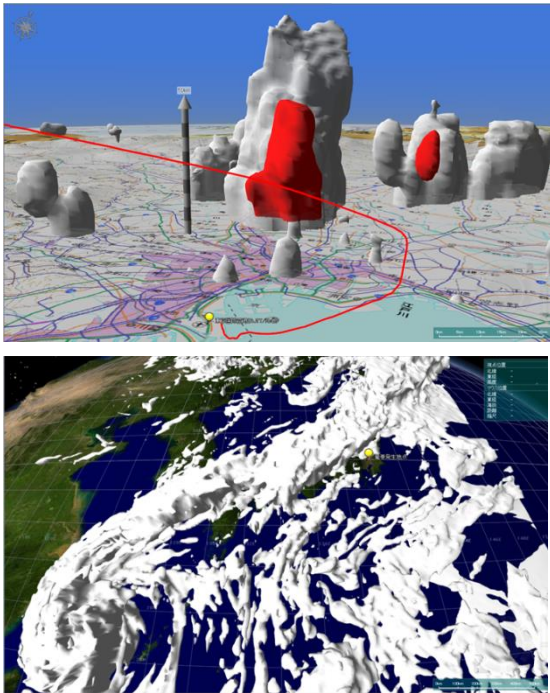
→ Increased computational load

suggestion

- High-speed computational methods that withstand increased computational loads
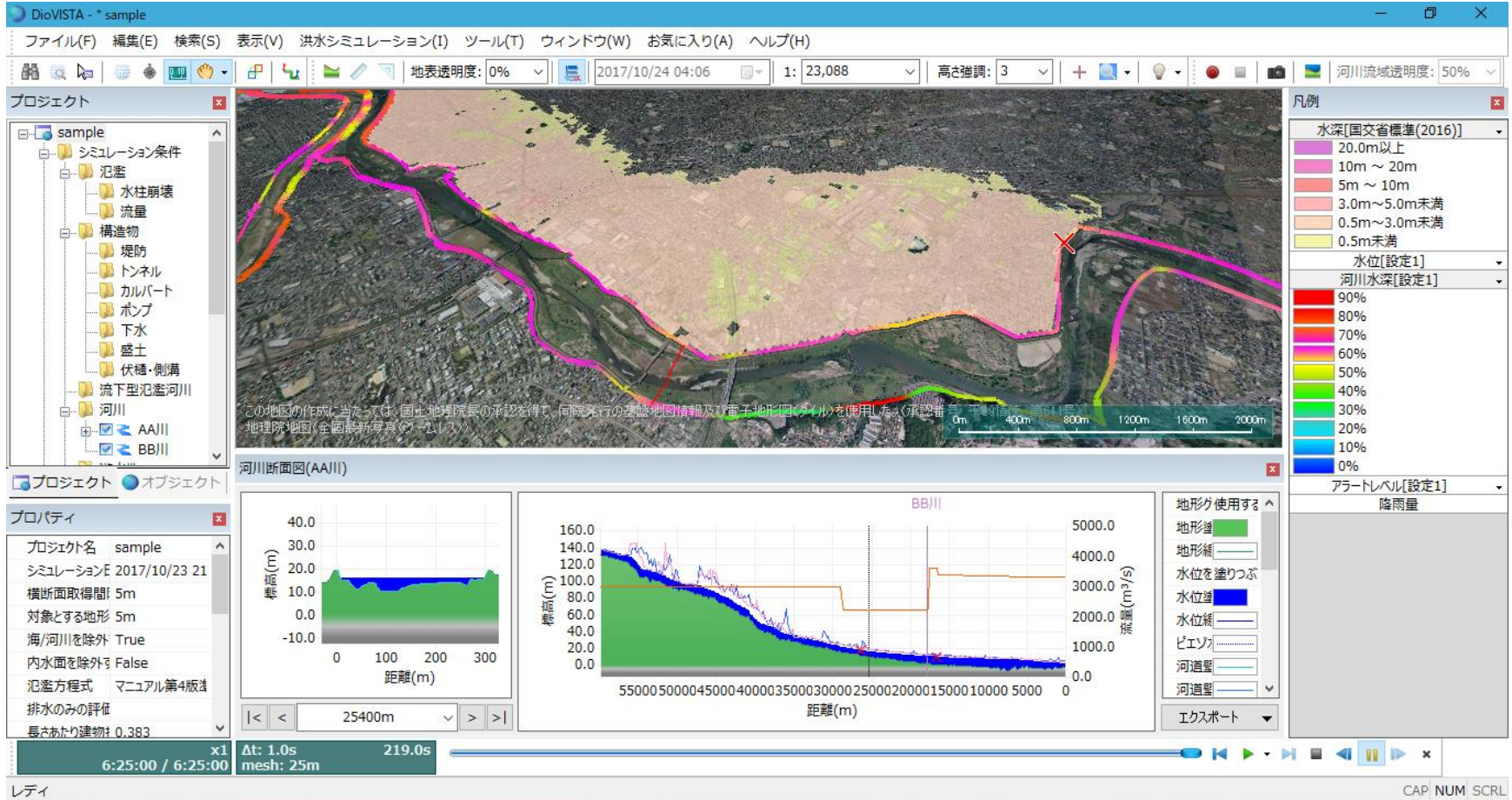- Straightforward operating procedures without rework

DioVISTA Series

Provide information technology to respond to the increased
risk of heavy rain and flooding due to climate change

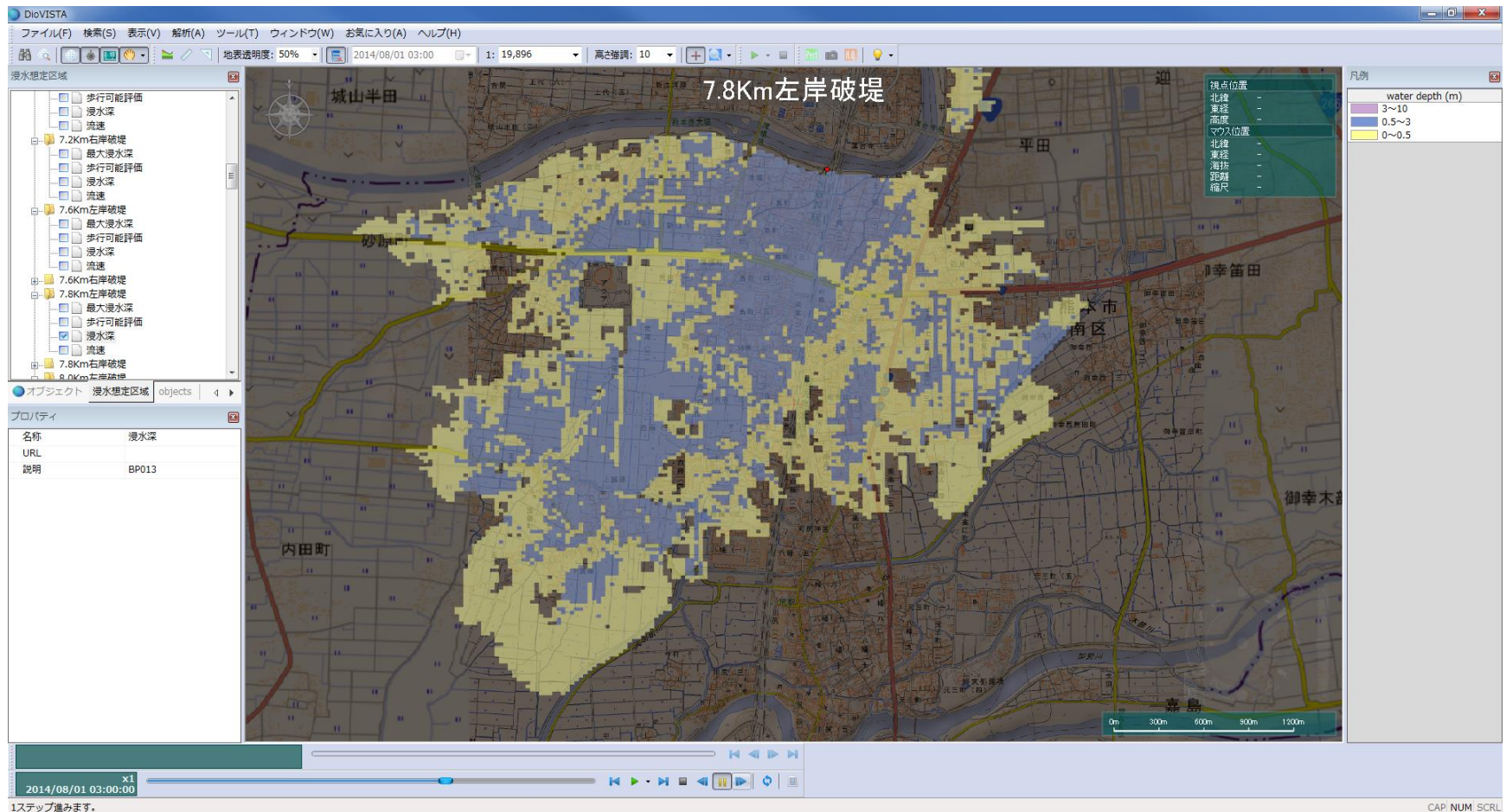| product	**DioVISTA / Flood**	**DioVISTA / Storm**
purpose	Flood analysis and prediction	Visualization of analysis and observation data
image		
Launch	June 2006 ~	August 2014 ~

DioVISTA / Flood

Flood analysis and prediction

DioVISTA / Storm

Visualization of analysis and observation data

Simulation result data: MLIT GSI Map, Elevation data
(5m mesh): Geospatial Information Authority of Japan