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EUROPEAN UNION



Common borders. Common solutions.

Earthquake, Landslide and Flood Disaster Prevention: the **SciNetNatHaz** project

Acknowledgments:

The **SciNetNatHaz** Project is partially funded by the **EU** and Hellenic National funds within the context of the **Black Sea Basin Joint Operational Programme 2007-2013**

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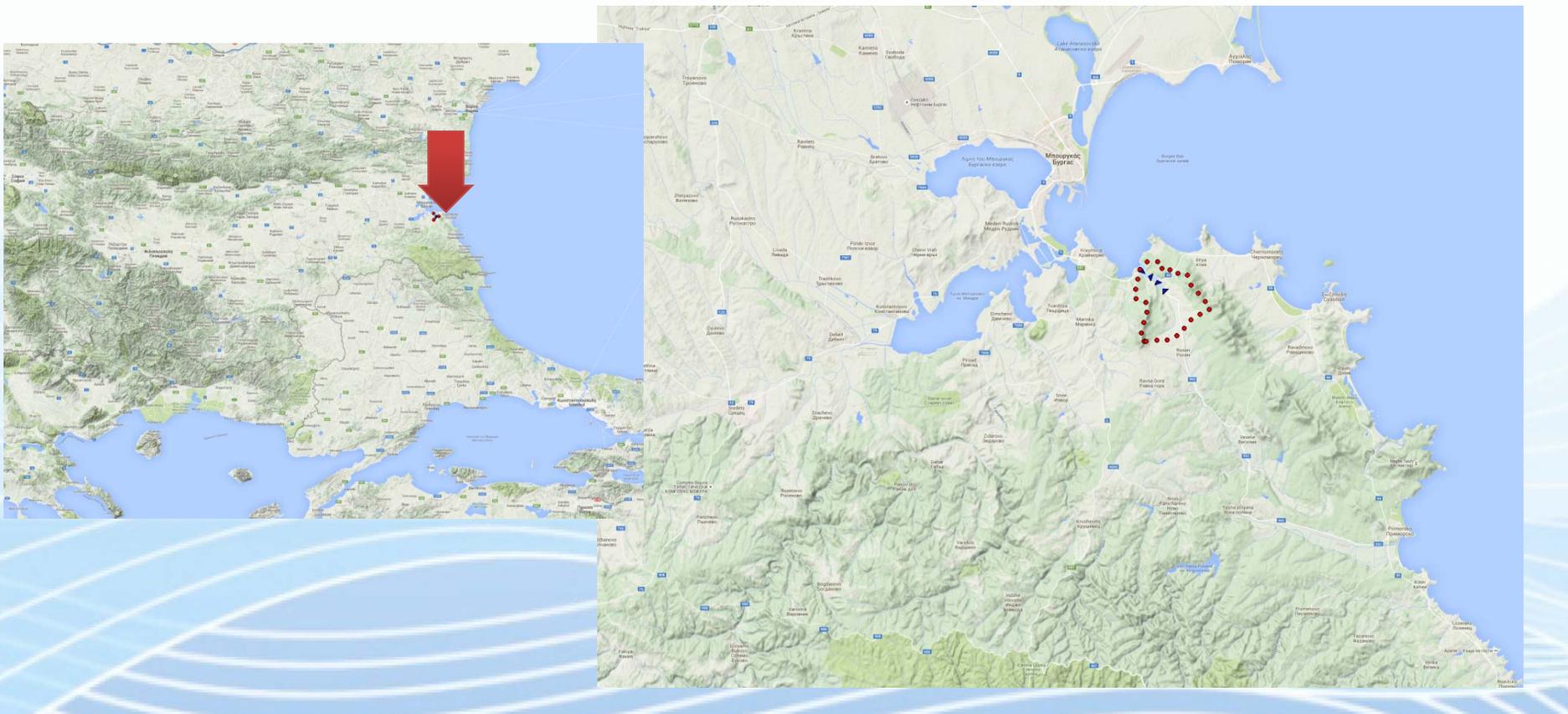
Information: *K. Papatheodorou, Project Coordinator, TEI of Central Macedonia, Hellas, www.scinetnathaz.net*



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Flood Hazard Assessment – Burgas Pilot Implementation

Can be applied on a regional scale using only topographic map data or even ASTER DEMs

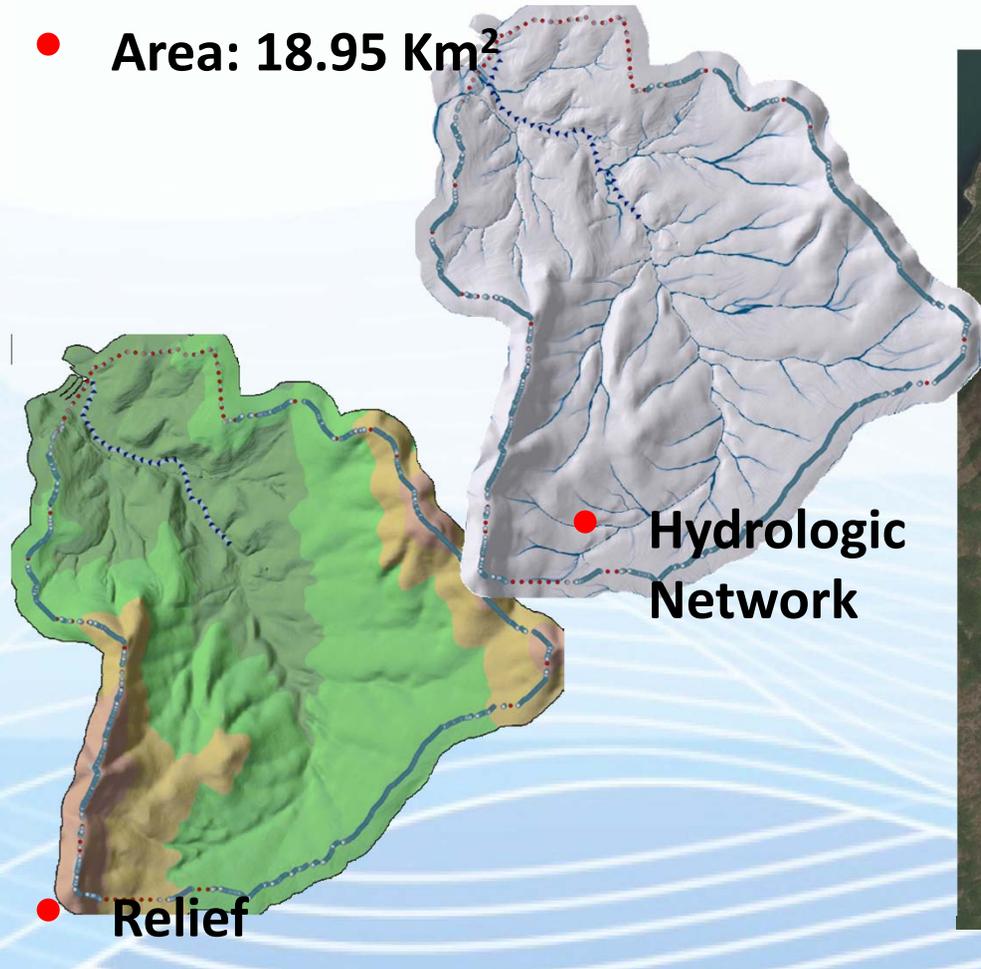




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General Information

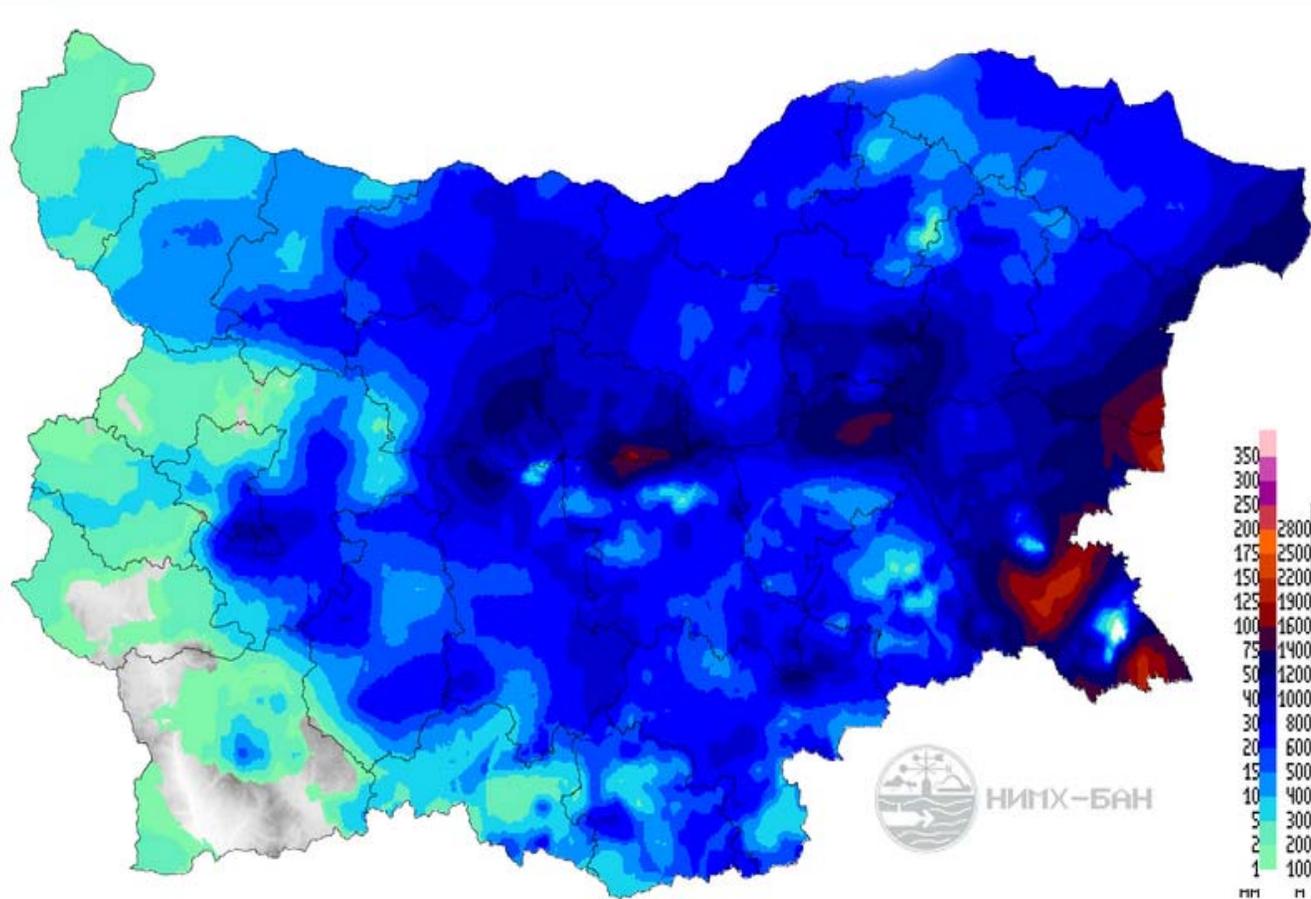
- Area: 18.95 Km²





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Geographical distribution of the rainfall intensity 05-06 September 2014



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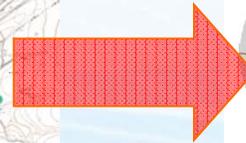
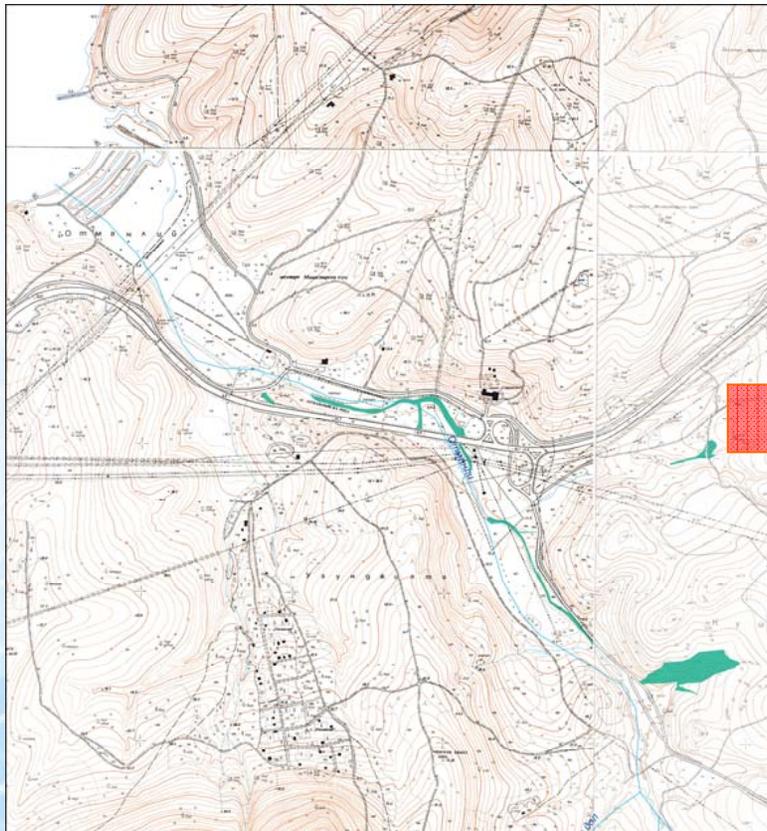
Flood Hazard Assessment – Burgas Pilot Implementation





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FHA – Regional Scale implementation





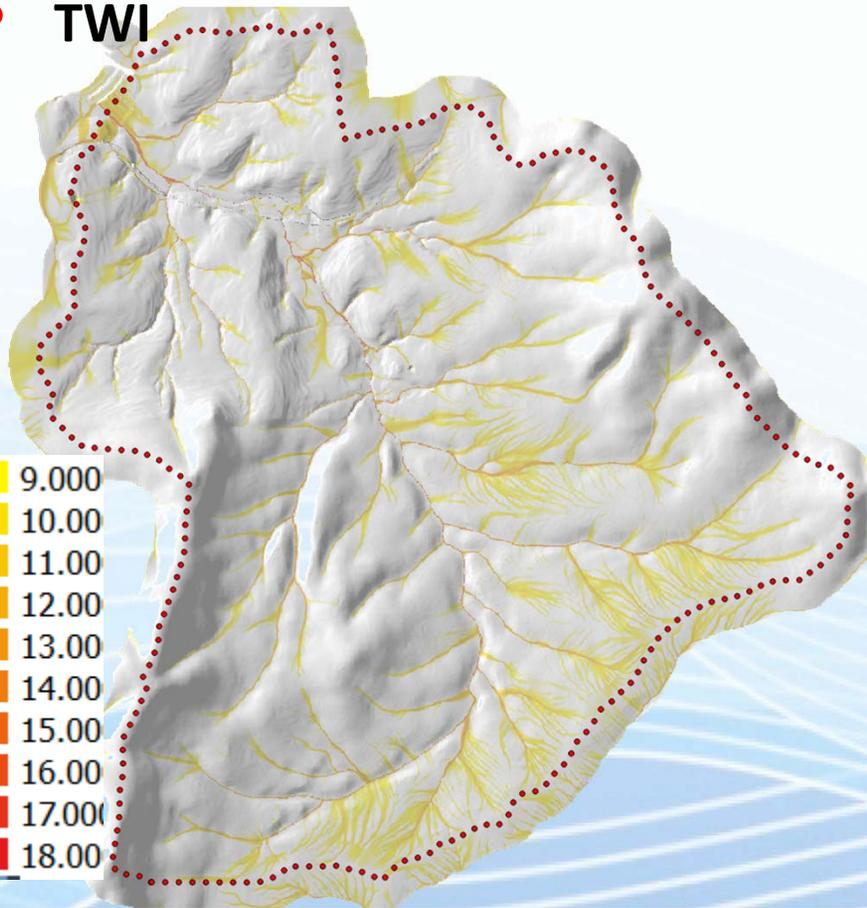
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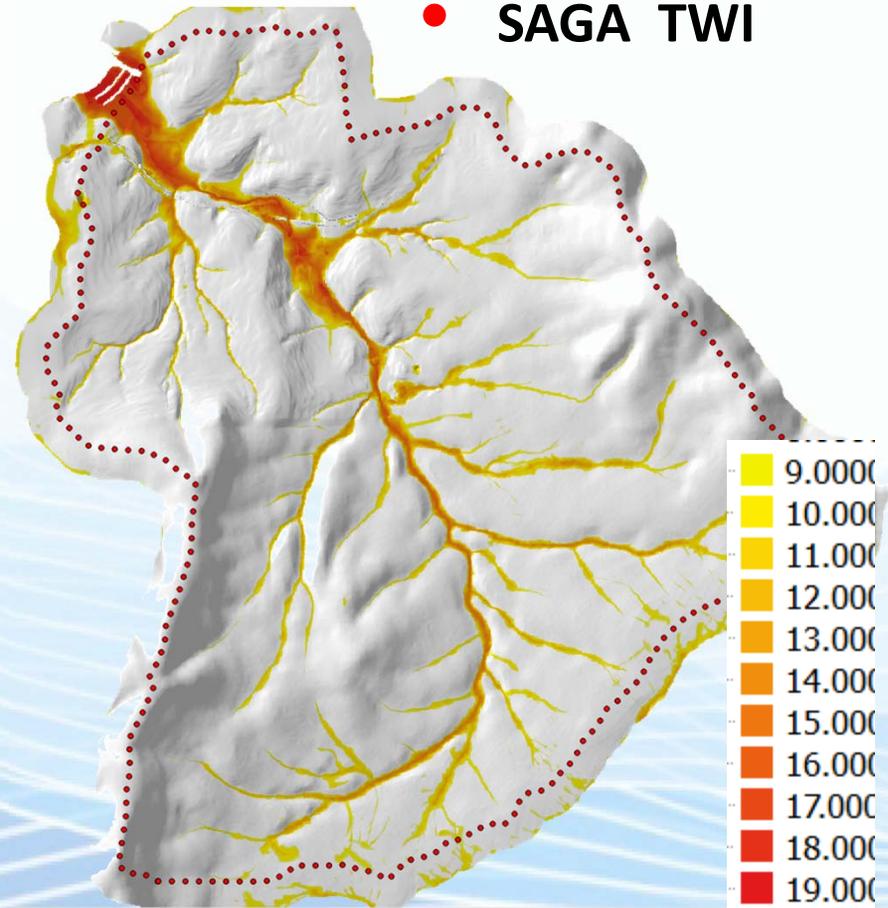
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FHA – Regional Scale implementation

● TWI



● SAGA TWI



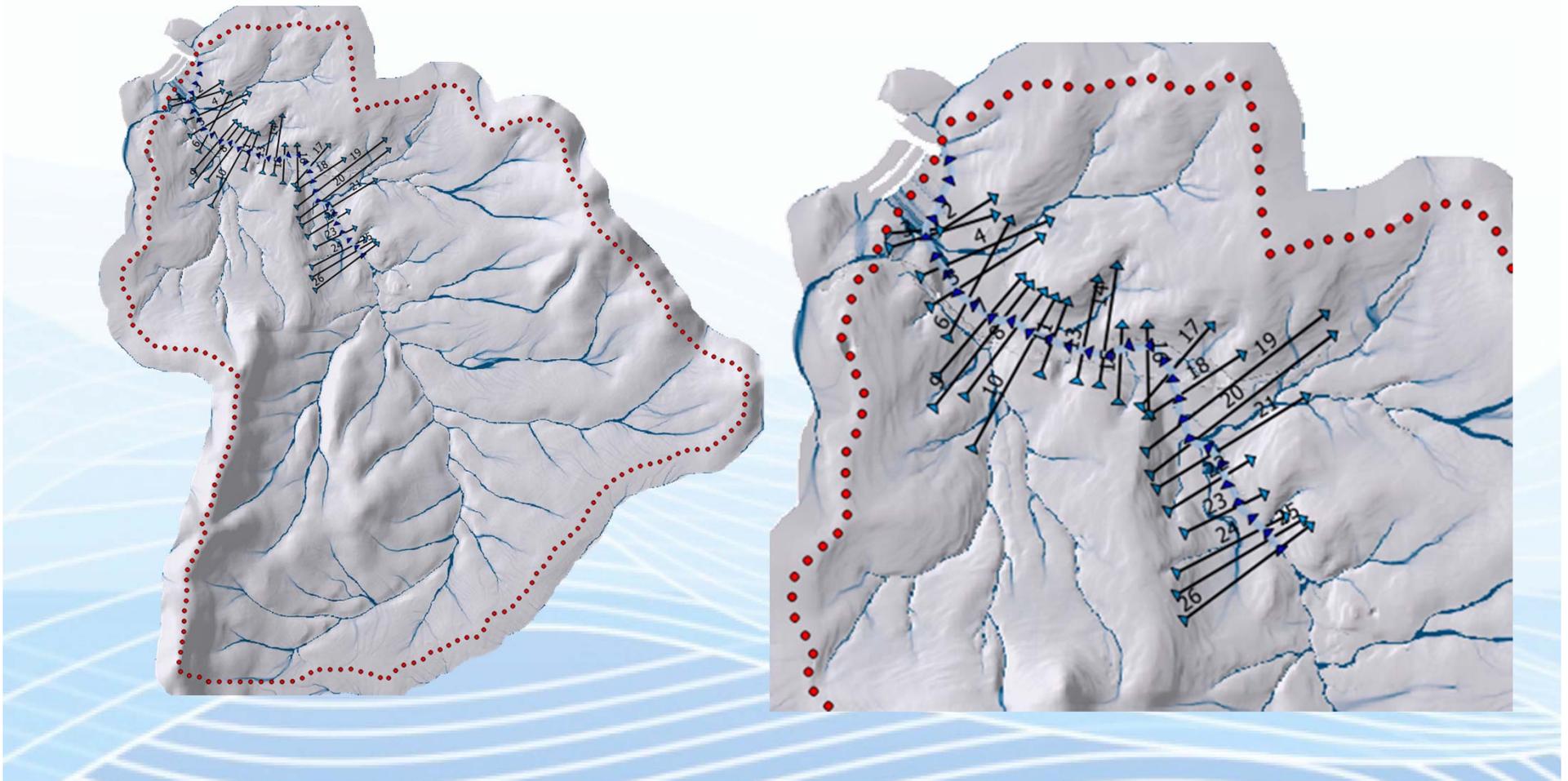


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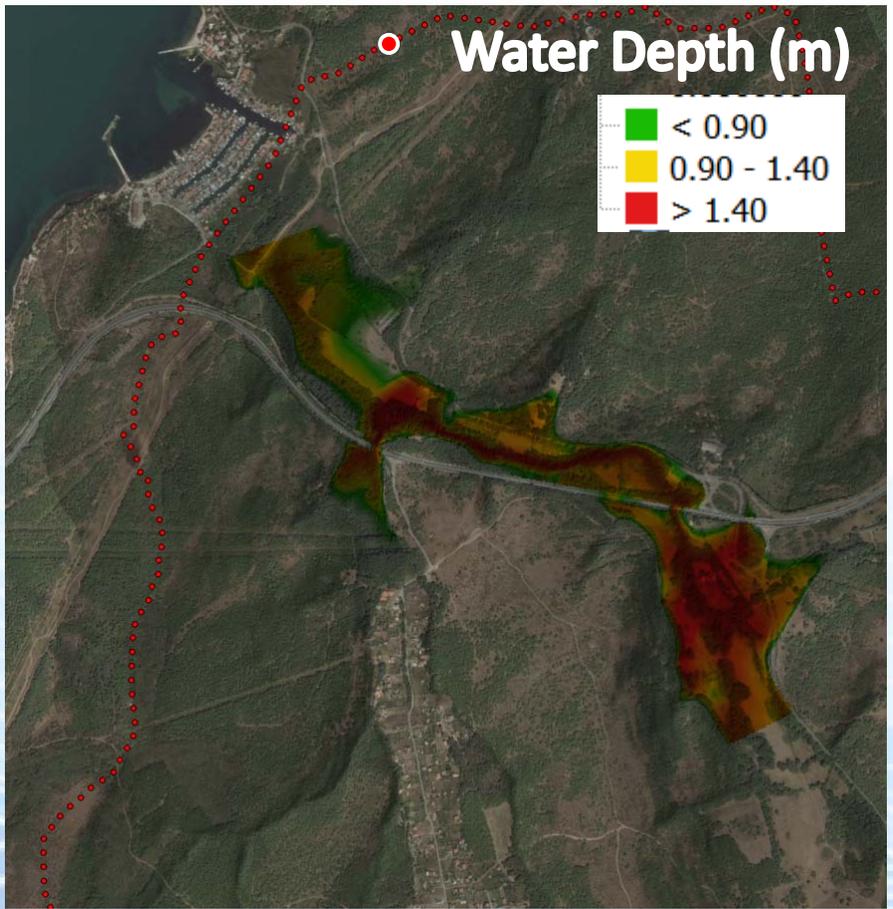
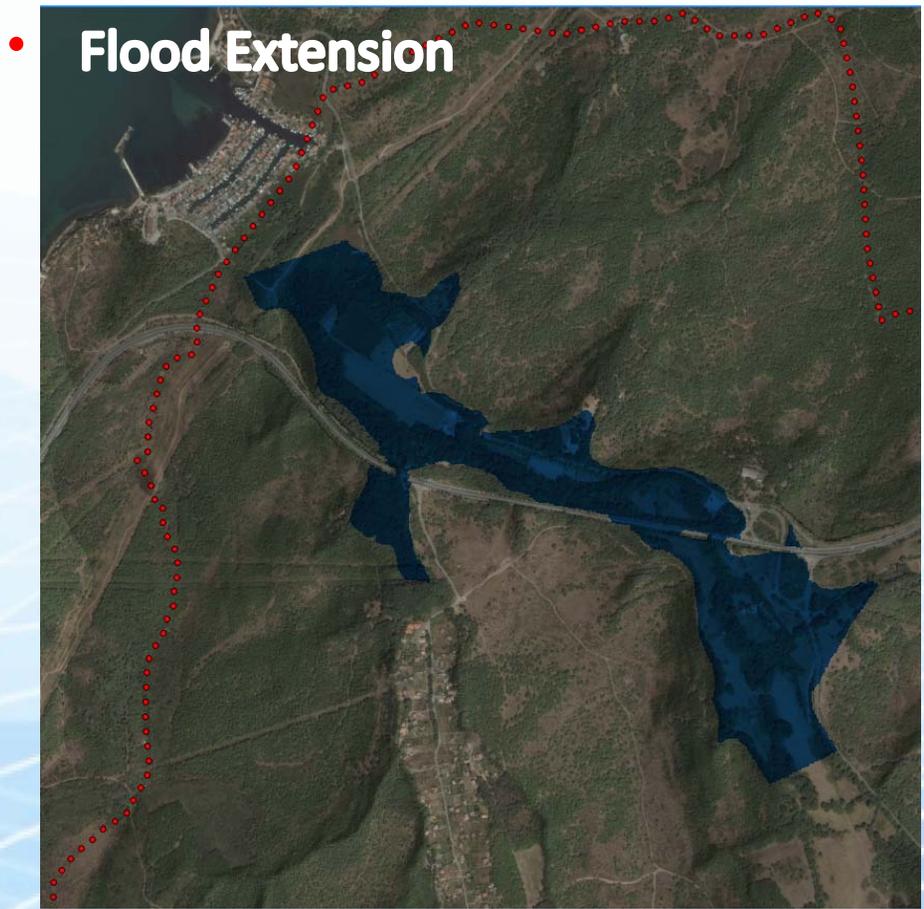
Flood Hazard Assessment – Local Scale implementation





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Flood Hazard Assessment – Local Scale implementation



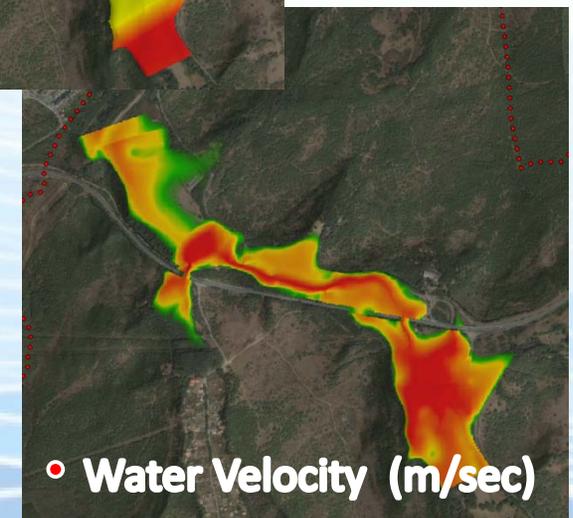
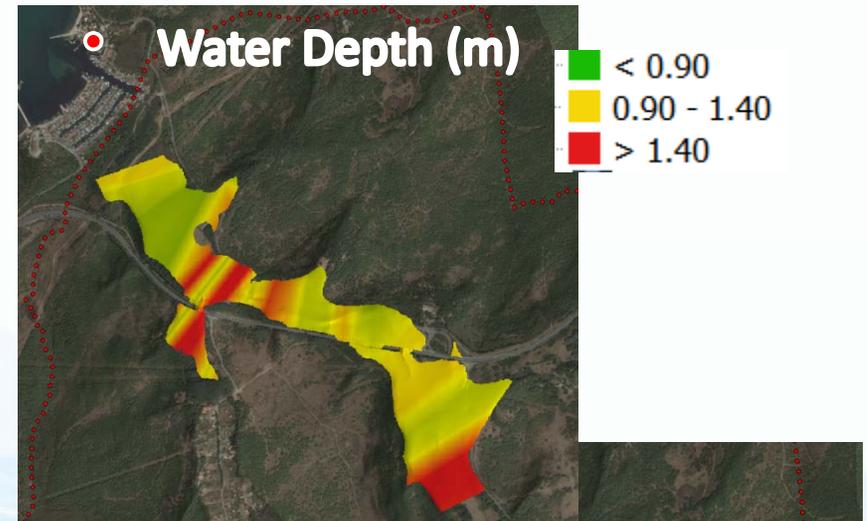
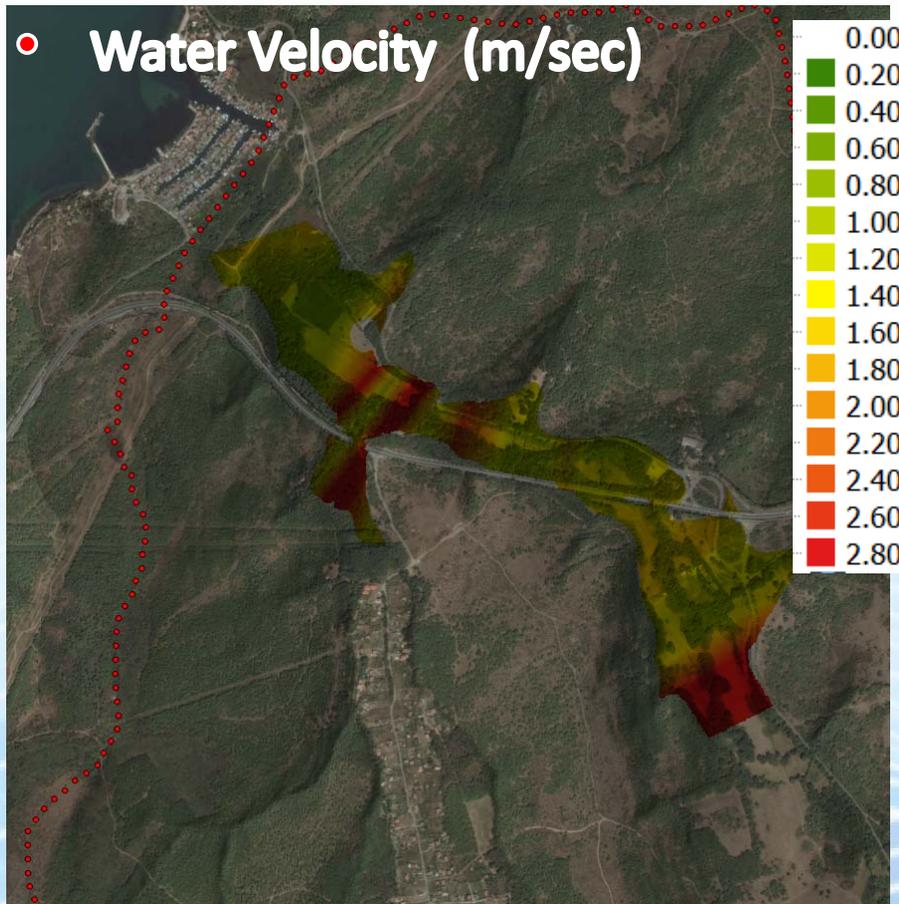


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Flood Hazard Assessment – Local Scale implementation





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A Scientific Network for
Thank You
Earthquake, Landslide and Flood
Hazard Prevention

SciNetNatHaz project!

The Project

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2007-2013





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Open Invitation!

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