

# Summary of 2002 Workshop Outcomes

(NSF Grant CMS-0237039)

- The workshop members supported the development of integrated tsunami scenario simulations.
- Similar integrated simulation efforts are taking place in many areas of scientific and applied research (e.g. space physics, nuclear arsenal integrity).
- Many of the components of integrated simulations appears to be adequately mature and some require further research.
- In order to initiate, coordinate and develop the community efforts for tsunami scenario simulations, another workshop should be organized.

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- Preliminary simulation integration was recommended – to examine the mechanics of linking models - not the accuracy of the individual components or the resulting product.
- The issue of model accuracy and benchmarking was an important and continuing concern.
- Relative roles of basic and applied research were considered a major issue.
- Workshop members involved in hazards planning emphasized the need for eventually modeling actual communities.

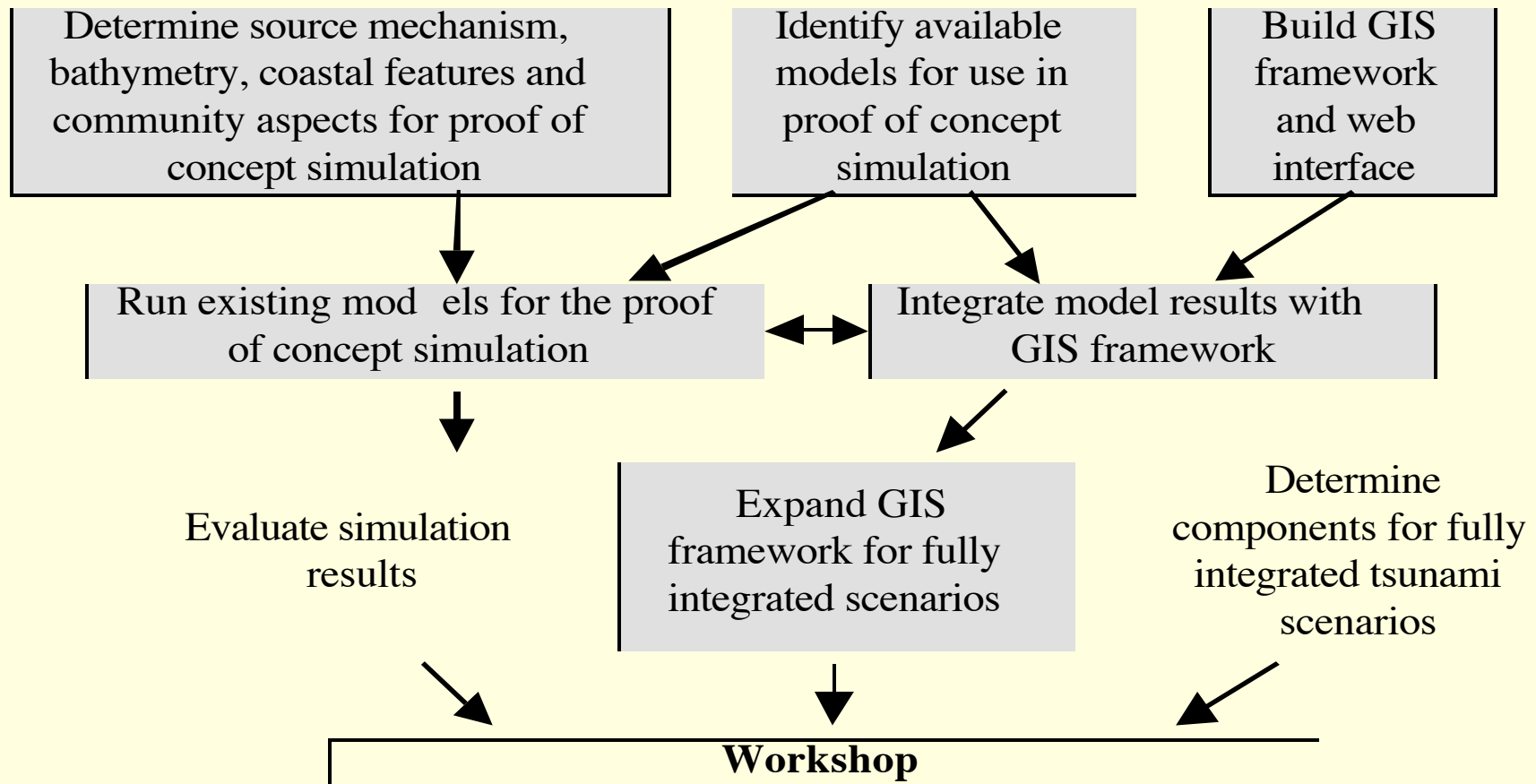
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(NSF Proposal CMS-0301315)

- October 2002 – A proposal for a preliminary – “proof of concept” simulation and continuing development of the integrated scenario was submitted to NSF.

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Observations from proposal commentary:

- Concern over the limited scope of the proof-of-concept simulation
- Concern over strong academic bias in the team selection – need to include practical disaster planner
- Coordination with National Tsunami Hazard Mitigation Program