

Dam break - Shallow and Deep wet bed

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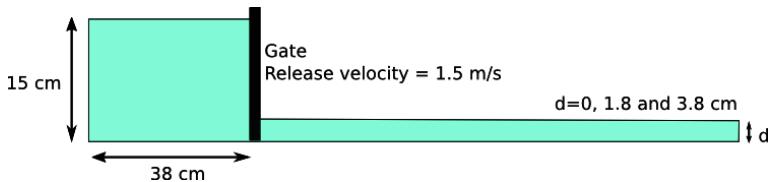
LSDYNA ICFD solver

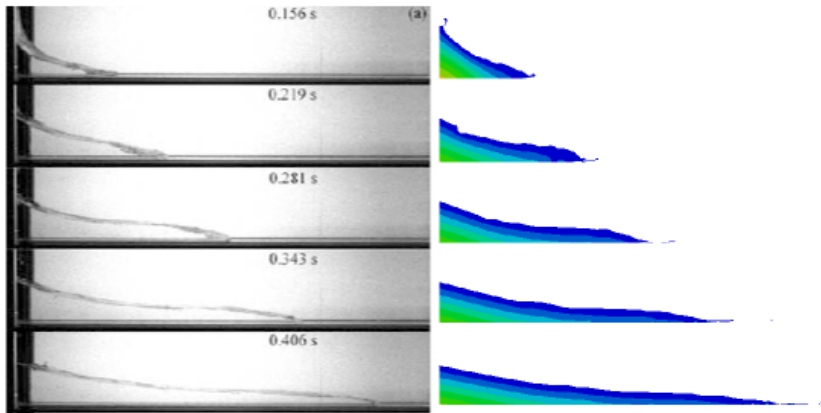
Dev version SVN 107350

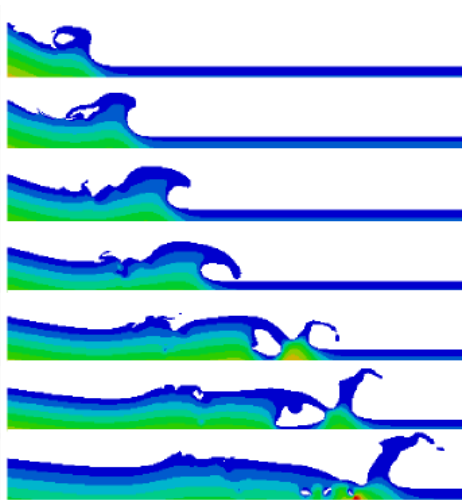
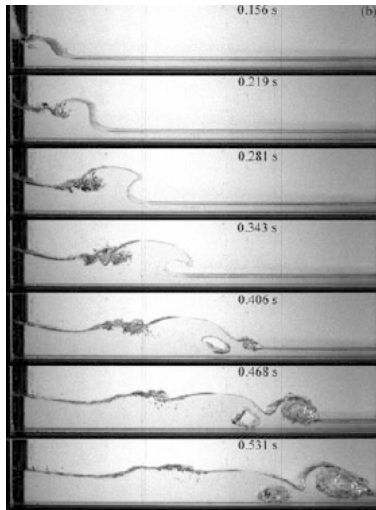


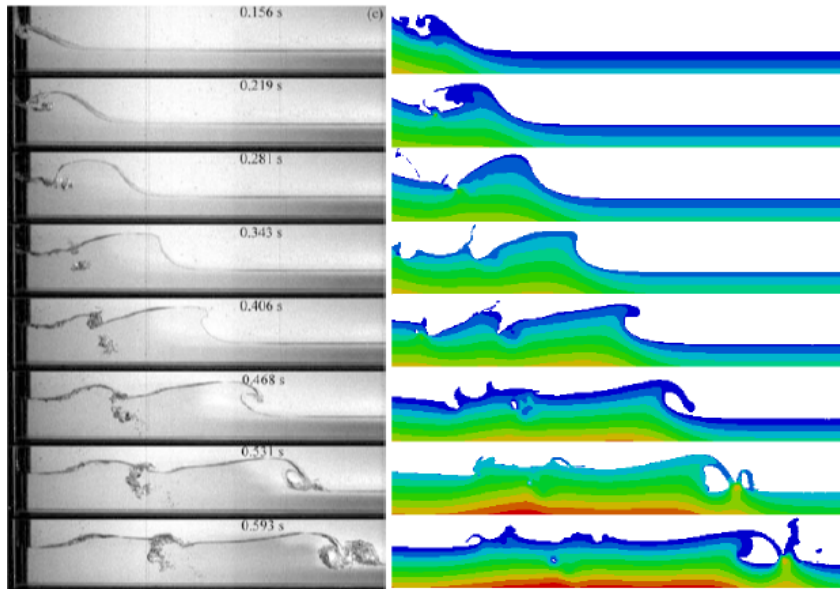
LSTC
Livermore Software
Technology Corp.

- ▶ Water, $\rho = 1000$ and $\mu = 0.001$
- ▶ Mesh size, approx 1 mm









- [1] I. M. Jánosi, D. Jan, K. G. Szabó, and T. Tél, “Turbulent drag reduction in dam-break flows,” *Experiments in Fluids*, vol. 37, no. 2, pp. 219–229, 2004.
- [2] M. Gomez-Gesteira, A. J. C. Crespo, B. D. Rogers, R. A. Dalrymple, J. M. Dominguez, and A. Barreiro, “Sphysics - development of a free-surface fluid solver - part 2: Efficiency and test cases,” *Comput. Geosci.*, vol. 48, pp. 300–307, Nov. 2012.

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