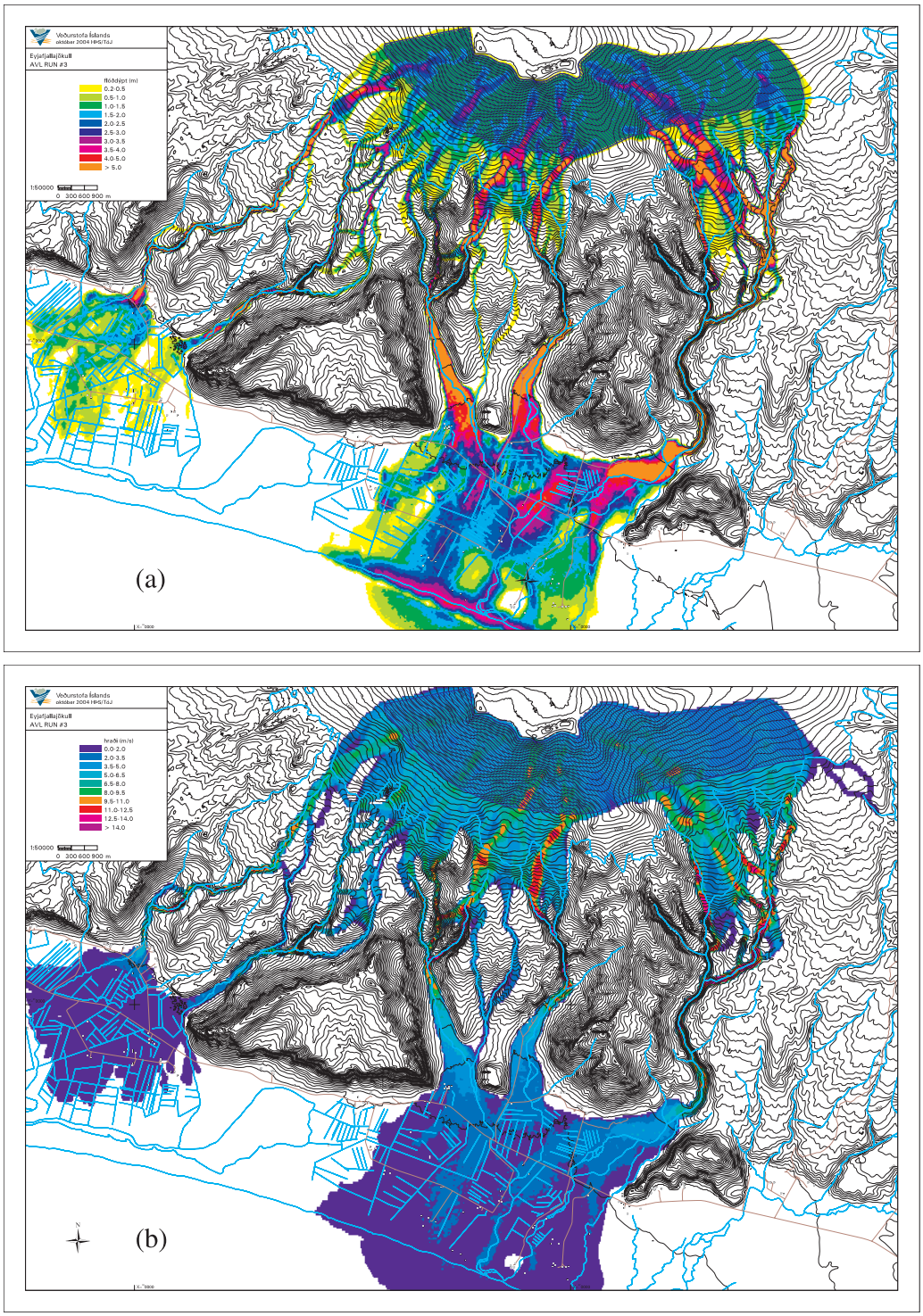
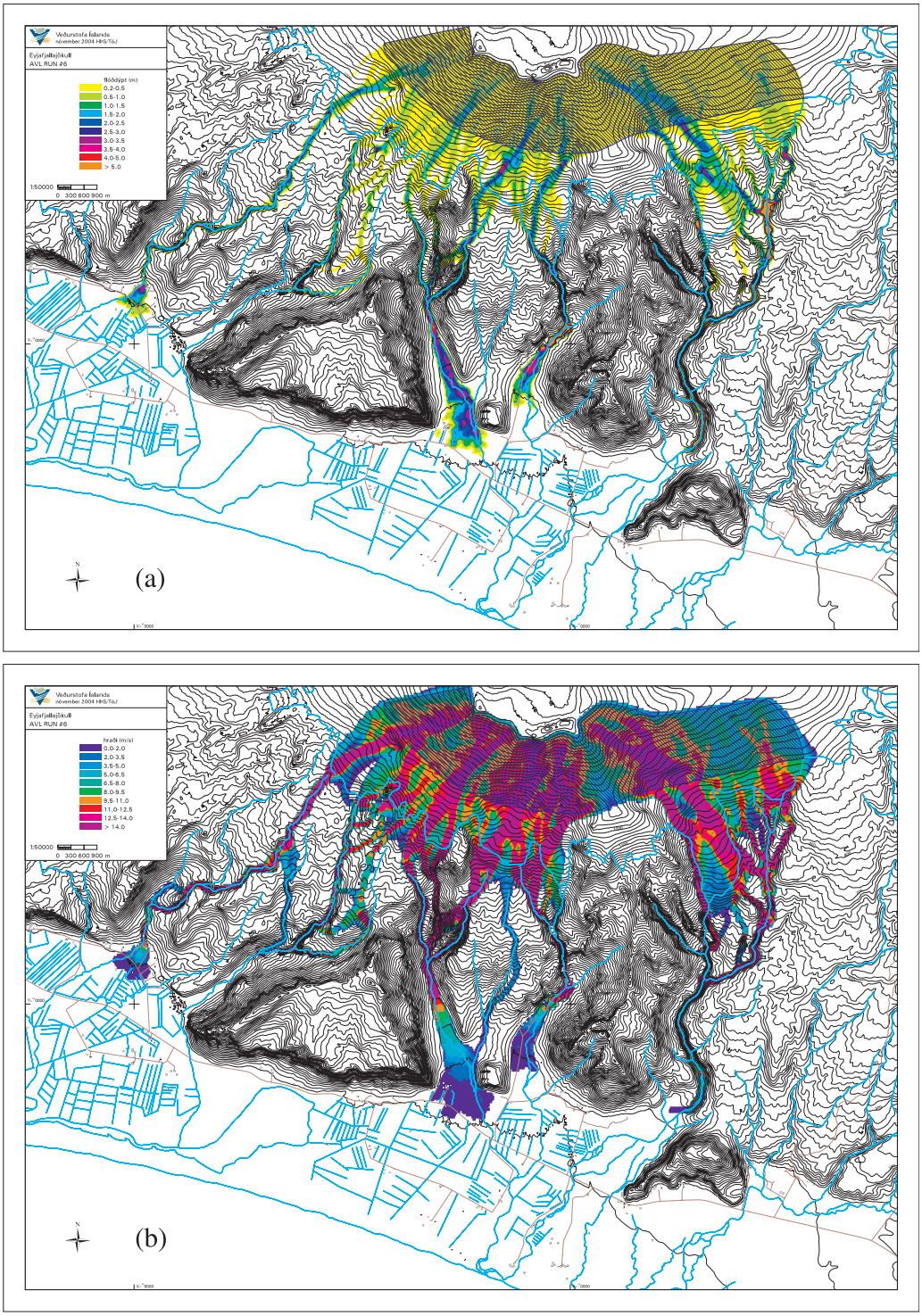
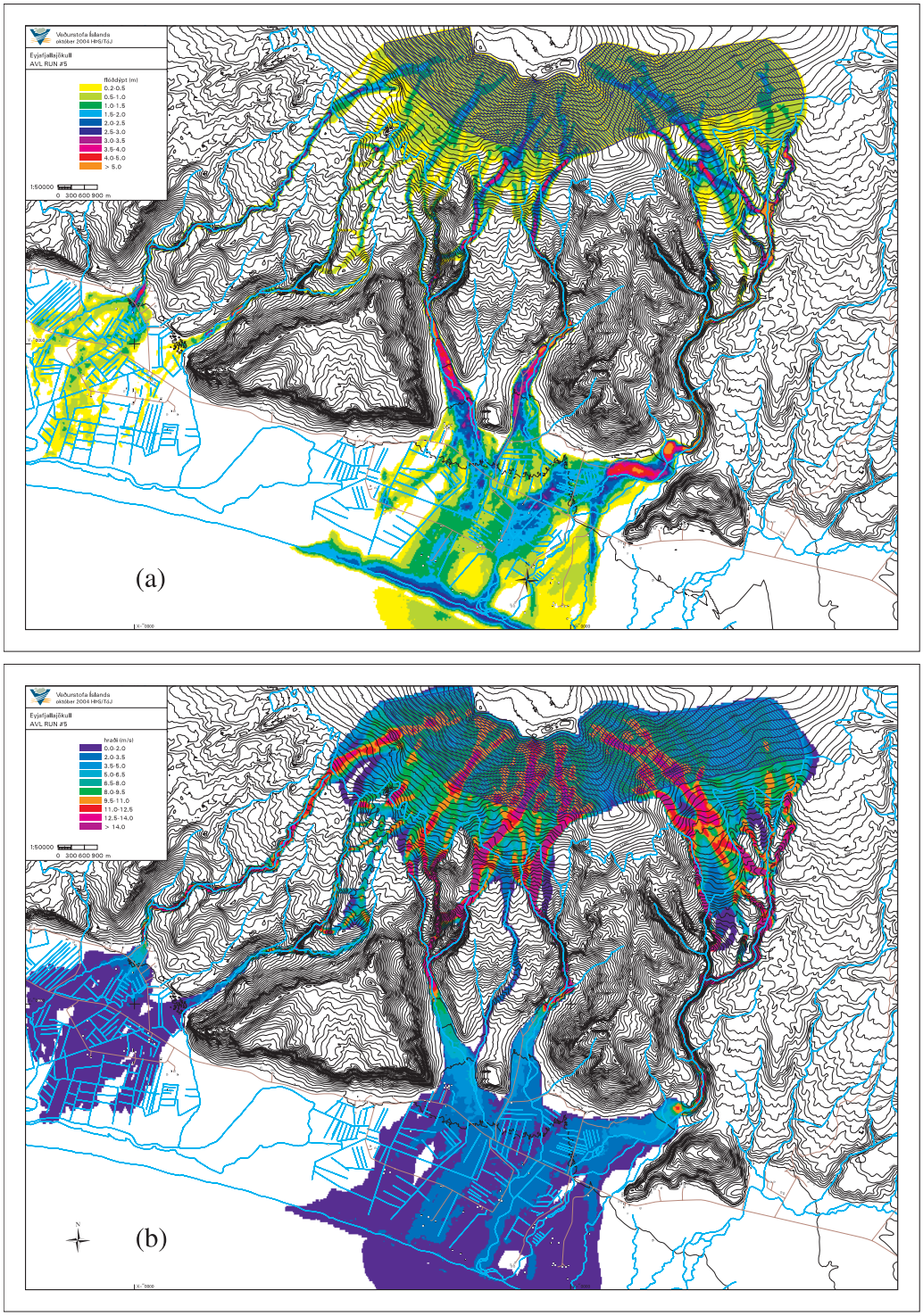


Mynd 8. Hámarks (a) flóðdýpt og (b) flóðhraði í keyrslu 3. Ath. smækkaður kvarði.



Mynd 9. Hámarks (a) flóðdýpt og (b) flóðhraði í keyrslu 4. Ath. smækkaður kvarði.



Mynd 10. Hámarks (a) flóðdýpt og (b) flóðhraði í keyrslu 5. Ath. smækkaður kvarði.

6. Heimildir

Bowles, J. E. 1979. Physical and Geotechnical Properties of Soils. McGraw-Hill Book Company, USA.

Eglit, M. E. 1983. Some mathematical models of snow avalanches. Í Shahinpoor, M., ristj. „Advances in the Mechanics and the Flow of Granular Materials", árgangur 2, bls. 577-588. Clausthal-Zellerfeld and Gulf Publishing Company.

Eyjólfur Magnússon. 2003. Airborne SAR data from S-Iceland: analyses, DE; improvements and glaciological applications. Meistaraprófsritgerð, Háskóla Íslands.

Gerhart, P. M., Gross, R. J. og Hochstein, J. I. 1993. Fundamentals of Fluid Mechanics. Addison-Wesley, 2. útgáfa.

Gray, J. M. N. T., Tai, Y.-C. og Noelle, S. 2003. Shock waves, dead-zones and particle-free regions in rapid granular free surface flows. Journal of Fluid Mechanics, 491, 161-181.

Haukur Tómasson. 1996. The jökulhlaup from Katla in 1918. Annals of Glaciology, 22, 249-254.

Helgi Björnsson. 1992. Jökulhlaups in Iceland: prediction, characteristics and simulation. Annals of Glaciology, 16, 95-106.

Helgi Björnsson. 1993. Ýmis sjónarmið um eðli Kötlugosa. Í Guðrún Larsen, ritstj., Kötlustefna, númer RH-3-93 í Fjölrit Háskólans, bls. 11-13. Raunvísindastofnun.

Iverson, R. M. 1997. The physics of debris flows. Reviews of Geophysics, 35(3), 245-296.

Magnús Tumi Guðmundsson, Freysteinn Sigmundsson og Helgi Björnsson. 1997. Ice-volcano interaction of the 1996 Gjálp subglacial eruption, Vatnajökull, Iceland. Nature, 389(30), 954-957.

Magnús Tumi Guðmundsson, Freysteinn Sigmundsson, Helgi Björnsson og Þórdís Högnadóttir. 2004. The 1996 eruption at Gjálp, Vatnajökull ice cap, Iceland: efficiency of heat transfer, ice deformation and subglacial water pressure. Bull. Volcanol., 66(doi: 10.1007/s00445-003-0295-9), 46-65.

Magnús Tumi Guðmundsson og Þórdís Högnadóttir. 2005. Ísbráðnun og upptakarennsli jökulhlaupa vegna eldgosa í Eyjafjallajökli og vestanverðum Mýrdalsjökli. Þetta rit, kafli X.

Nye, J. F. 1976. Water flow in glaciers: Jökulhlaups, tunnels and veins. Journal of Glaciology, 17(76), 181-207.

Pouliquen, O. og Forterre, Y. 2002. Friction law for dense granular flows: application to the motion of a mass down a rough inclined plane. Journal of Fluid Mechanics, 453, 133-151.

Salm, B. 1993. Flow, flow transition and runout distances of flowing avalanches. Annals of Glaciology, 18, 221-226.

Savage, S. B. og Hutter, K. 1989. The motion of a finite mass of granular material down a rough incline. Journal of Fluid Mechanics, 199, 177-215.

Zwinger, T., Kluwick, A. og Sampl, P. 2003. Numerical simulation of dry-snow avalanche flow over natural terrain. Í Hutter, K. og Kirchner, N., ritstj., Response of granular and porous materials under large and catastrophic deformations, árgangur 11 í Lecture notes in applied and computational mechanics, bls. 160-194. Springer (Berlín).