

Finnur Pálsson  
Mán ár (01.2020)

## Erindi á Vísindaráðsefnum/Scientific presentation

### Erindi

Finnur Pálsson, Eyjólfur Magnússon, Joaquin Munoz-Cobo Belart og Helgi Björnsson.  
Rannsóknaráðstefna Vegagerðarinnar 30. október 2020 Áhrif breytinga Skeiðarárjökuls á farveg og rennsli Súlu, Finnur Pálsson, Jöklahópur Jarðvísindastofnunar Háskóla Íslands.

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Hrafnhildur Hannesdóttir, Oddur Sigurðsson, Ragnar Heiðar Þrastarson, Snævarr Guðmundsson, Joaquín M.C. Belart, Finnur Pálsson, Eyjólfur Magnússon, Skúli Víkingsson, Tómas Jóhannesson. A national glacier inventory and variations in glacier extent in Iceland from the Little Ice Age maximum to 2019. Virtual IGS Nordic Branch Meeting, 11–13 November 2020.

Thorsteinn Thorsteinsson, Esther Jensen, Ingibjörg Jónsdóttir, Kristjana Eyþórsdóttir, Andri Gunnarsson, Hlynur Skagfjörð Pálsson, Oddur Sigurðsson, Finnur Pálsson, Ragnar Þrastarson, Gunnar Sigurðsson, Tómas Jóhannesson. A sudden jökulhlaup from the newly formed marginal lake at Langjökull, W Iceland. Virtual IGS Nordic Branch Meeting, 11–13 November 2020

Hrafnhildur Hannesdóttir, Oddur Sigurðsson, Ragnar H. Þrastarson, Snævarr Guðmundsson, Joaquín M.C. Belart, Finnur Pálsson, Eyjólfur Magnússon, Skúli Víkingsson, Ingibjörg Kaldal and Tómas

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Sverrir Guðmundsson, Helgi Björnsson, Finnur Pálsson, Hannes H. Haraldsson, 2005. Jökulleysing: eðlisfræðileg og reynslubundin líkön. Verkefnafundur: Veður vatn og orka, Orkustofnun, 27. janúar, 2005

Helgi Björnsson og Finnur Pálsson. Grímsvatnahlaup: vatnsgeymir, upphaf og rennsli. Rannsóknir Vegagerðarinnar. Ráðstefna 7. nóv. 2003 á Hótel Nordica. Reykjavík.

Helgi Björnsson, Finnur Pálsson og Sverrir Guðmundsson, 2002. Jöklarannsóknir. Vísindadagar Háskóla Íslands, 1.-2. nóvember, 2002.

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Helgi Björnsson, Sverrir Guðmundsson and Finnur Pálsson, 2000. Afkoma og veðurþættir á Vatnajökli 1994-2000. Landsvirkjun 3, nóvember 2000.

Helgi Björnsson, Sverrir Guðmundsson and Finnur Pálsson, 2000. Meteorological observations on Vatnajökull: energy components, ablation and mass balance. 24. October 2000. The Icelandic Meteorological Office.

Other publications

Finnur Pálsson 2011, Vorferð Jöklarannsóknafélagsins á Vatnajökul 5.-12. júní 2010, Jökull No. 61, 2011, pp. 107-110.

Finnur Pálsson. 2003. Haustferð Jöklarannsóknafélagsins 2002. Jökull, 52

Finnur Pálsson. 2002. Haustferð Jöklarannsóknafélagsins 2001. Jökull, 51

Finnur Pálsson, Guðmundur Ásmundson, Þorgeir Pálsson og Örn D. Jónsson. 1979. Maður- tækni – tölva. Náttúruverkur, tímarit Félags verkfræðinema og Félags náttúrfraeðinema við HÍ, 6. árgangur. Bls. 69-75.

#### Annað/Various

1. Þróun, forritun og prófun, forritasafns til úrvinnslu á íssjarmælisniðum (yfirborðs og botnsnið) (1981-1987)

2. Þróun og ritun hugbúnaðar til 3-víðrar (3D) myndframsetningar á landslagi, og gerð mynda slíkra af mældum jöklum og jökulbotnum. (1984-1988)

3. Þróun og smíði mælitækja til mælingar á vatnshæð Grímsvatna, (rafræn nákvæmnisloftvog og hitamælir) (1990)

4. Hugmyndavinna við endurbætur (sem fækkaði villum í sendingu 100-1000 fallt án aukins afls) á stafrænum sendibúnaði til stafræns gagnaflutnings með jarðkjálftamerkjasetni RH frá Grímsfjalli til Reykjavíkur (Jón Sveinsson sá um rafræna hönnun og smíði) (1991-92)

5. Hönnun og umsjón með gerð mælitækjahúss (úr trefjaplasti) á skíðum til að hýsa mælitæki (t.d. íssjá) við sniðmælingar í snjó og á jöklum. Hönnun skíðabúnaðar með sleppibremsum, ásamt Þorsteini Jónssyni og Jóni Sveinssyni. (1992-1993)

6. Endurbætur á íssjá RH (betra SNR) í samvinnu við Marteinn Sverrisson 1992-93

7. Hönnun stafræns skráningarhluta íssjár RH (í samvinnu við Jón Sveinsson) 1992-93

8. Hönnun og smíði stafrænnar fjöltíðni íssjár, í samvinnu við Svein Erik Hamran (grunnhugmyndir eru frá honum), Sverri Guðmundsson og Magnús Þór Karlsson 1994 - 1999

9. Þróun og smíði og forritun 6 sjálfvirkra veðurstöðva til notkunar á Vatnajökli, í samvinnu við Hollenska tæknimenn, Sverri Guðmundsson og Hannes H. Haraldsson Landsvirkjun (1996)

10. Þróun og samsetning endurbætts búnaðar til vöktunar á vatnshæð Grímsvatna. Með talinn fjarskiptabúnaður til stjórnunar mælinga, aflestrar og viðvörunnar. (1996-97)

#### Kennsluefni/Teaching material

Samstætt safn fyrirlestraefnis í Grundvallaratriðum tölvutækni. Gert aðgengilegt á netinu á vormisseri 2001. (ásamt unnum lausnum heimadæma)

Safn lausna (unnið af FP) sýnidæma í Líkindaaðferðum gert aðgengilegt á netinu vorið 2002.