

Curriculum vitae (CV)

Name:

Ólafur Eggertsson

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Iceland

Nationality:

Icelandic

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Birth day and place:

5 October 1964, Reykjavík

Marital Status:

Married, 3 children.

Address home:

Kambsvegur 35

104 Reykjavík

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Education:

1984-1988, University of Iceland B.Sc. in Geology, February 1988.

1989-1994, Lund University, Sweden, PhD.-studies.

PhD.-degree in November 1994 in Quaternary

Geology.

Address work:

Icelandic Forest Research

Mogilsa

Academic positions:

1989 Research engineer. Laboratory of Wood anatomy and Dendrochronology, Lund University, Sweden.

1989-1994 Research Scholarship during Ph.D. studies at the Department of Quaternary Geology. Lund University Sweden.

1995-1996 Research engineer. Laboratory for Wood anatomy and Dendrochronology, Lund University, Sweden.

1996-2000 Senior Lecturer (Associate Professor) and head of Laboratory for Wood Anatomy and Dendrochronology, Lund University, Sweden.

From September 2000 -. Senior Research Scientist, Icelandic Forest Research, Mogilsa, Reykjavík, Iceland

Teaching experience:

- Teaching dendrochronology and Quaternary Geology at Lund University 1995-2000.

- Lecturing at the University of Iceland and the Agricultural University of Iceland.

Present supervision of students, January 2012:

Main supervisor: M.Sc - thesis. Sævar Hreiðarsson. Agricultural University of Iceland.

Co-supervision: Phd- thesis. Lilja Karlsdóttir. University of Iceland

Co-supervision: Phd- thesis. Bjarki Þór Kjartansson. Lund University, Sweden

Other experience:

- Opponent at Fil lic and PhD thesis.

- Referee of international papers, scientific applications and research applications.

- Organizing PhD – courses, e.g. for NORFA.

Publications:**Peer-review publications from 2007: (18 publications between 1993 and 2006, not listed)**

Tom Levanič and **Ólafur Eggertsson** 2008: Effects of Environmental Factors on tree-ring Growth of birch (*Betula pubescens* Ehrh.) in Fnjóskadalur valley, North Iceland. *Dendrochronologia* 25, 135-143.

Igor Drobyshev, Mats Niklasson, **Ólafur Eggertsson**, Hans Linderson and Kerstin Sonesson. 2008: Influence of annual weather on growth of pedunculate oak in southern Sweden. *Ann. For. Sci.* 65 512-525.

Ólafur Eggertsson, P. H. Nygaard and J. P. Skovsgaard 2008: History of afforestation in the Nordic countries. In: G. Halldorsson, E.S. Oddsdóttir and B. D. Sigurdsson (eds), *Affornord, effects of afforestation on ecosystems, landscape and rural development*. TemaNord 2008 (562), 15-27.

Igor Drobyshev, Mats Niklasson, Hans W. Linderholm, Kristina Seftigen, Thomas Hickler and **Ólafur Eggertsson** 2011. Reconstruction of a regional drought index in southern Sweden since ad 1750. *The Holocene* 21(4) 667–679.

Armelle Decaulne, **Ólafur Eggertsson** and Þorsteinn Sæmundsson 2012. A first dendrogeomorphologic approach of snow avalanche magnitude-frequency in Northern Iceland. *Geomorphology* 167–168, 35–44.

Tzvetan Zlatanov Ivaylo Velichkov Georgi Hinkov Margarita Georgieva **Ólafur Eggertsson** and Saevar Hreidarsson 2012. Site index curves for European Chestnut (*Castanea sativa* Mill.) in Belasitsa mountain. *Journal of Forestry Society of Croatia* 136 (3-4), 153-159.

Sverrir A. Jónsson, **Ólafur Eggertsson** og Ólafur Ingólfsson 2012. Skógarsaga Fljótsdalshéraðs síðustu 2000 árin. *Náttúrfræðingurinn* 82 (1-4), 87-97. (in Icelandic).

Tzvetan Zlatanov, Patrick Schleppei, Ivaylo Velichkov, Georgi Hinkov, Margarita Georgieva, **Ólafur Eggertsson**, Magdalena Zlatanova and Harald Vacik 2013: Structural diversity of abandoned chestnut (*Castanea sativa* Mill.) dominated forests: Implications for forest management. *Forest Ecology and Management* 291, 326-335.

Lena Hellmann, Willy Tegel, **Ólafur Eggertsson**, Fritz Hans Schweingruber, Robert Blanchette, Alexander Kirdeyanov, Holger Gärtner and Ulf Büntgen 2013: Tracing the origin of Arctic driftwood. *Journal of Geophysical Research – Biogeosciences*, Vol. 118, 1–9.

Armelle Decaulne, **Ólafur Eggertsson** and Þorsteinn Sæmundsson 2013: Summer growth tells winter tales: dendrogeomorphology applied to snow-avalanche research in Northern Iceland. In: A. Decauline (ed), *Arbres & dynamiques*, Presses universitaires Blaise Pascal, Clermont-Ferrand, 31-48.

Armelle Decaulne, Þorsteinn Sæmundsson and **Ólafur Eggertsson** 2013: A multi-scale resolution of snow-avalanche activity based on geomorphological investigations at Fnjóskadalur, northern Iceland. *Polar Record*, 49 (3), 220 - 229.

Bjarni Sigurdsson, Jane Medhurst, Goran Wallin, **Ólafur Eggertsson** and Sune Linder 2013: Growth of mature boreal Norway spruce was not affected by elevated [CO₂] and/or air temperature unless nutrient availability was improved. *Tree Physiology*, doi: 10.1093/treephys/tpt043

Decaulne A., **Eggertsson Ó.**, Laute K. and Beylich A.A. 2013: Dendrogeomorphologic approach for snow-avalanche activity reconstruction in a maritime cold environment (upper Erdalen, Norway). *Zeitschrift für Geomorphologie* 57 (2), 55-68.

Gudmundur Halldórsson, Bjarni D. Sigurdsson, Brynja Hrafnkelsdóttir, Edda S. Oddsdóttir, **Ólafur Eggertsson** and Erling Ólafsson 2013. New arthropod herbivores on trees and shrubs in Iceland and changes in pest dynamics: A review. *ICEL. AGRIC. SCI.* 26, 69-84.

Armelle Decaulne, **Ólafur Eggertsson**, Katja Laute and Achim A. Beylich 2014. A 100-year extreme snow-avalanche record based on tree-ring research in upper Bødalen, inner Nordfjord, western Norway. *Geomorphology*, Available online 8 January 2014, ISSN 0169-555X, <http://dx.doi.org/10.1016/j.geomorph.2013.12.036>.

Lilja Karlsdóttir, Margrét Hallsdóttir, **Ólafur Eggertsson**, Ægir Th. Þórsson and Kesara Anamthawat-Jónsson 2014: Birch hybridization in Thistilfjörður, Northeast Iceland during the Holocene. *The Holocene* (submitted).

Other publications from 2007:

Eggertsson, O., 2007. Diameter growth and latewood percentage. In: Andreas Bergstedt (ed.). The potential of larch wood for exterior use – Report from a joint Nordic research project. *Forest & Landscape Working Papers* no. 24-2007. Forest & Landscape Denmark, 10-13.

Eggertsson, O. and Saladis J., 2007. Moisture fluctuations in two field trials. In: Andreas Bergstedt (ed.). The potential of larch wood for exterior use – Report from a joint Nordic research project. *Forest & Landscape Working Papers* no. 24-2007. Forest & Landscape Denmark, 54-57.

Ólafur Eggertsson and Jonas Saladis 2007: Gæði lerkiviðar. *Fræðabing landbúnaðarins* 2007, 492-496.

Ólafur Eggertsson 2007. Reyniviðurinn (*Sorbus aucuparia*) í Ásbyrgi. *Ársskýrsla Skógræktar ríkisins* 2006, 14-16.

Ólafur Eggertsson 2008: Aldur og þroski reyniviðar og birkis í Ásbyrgi. *Fræðabing Landbúnaðarins* 2008, 413-416.

Sverrir Aðalsteinn Jónsson, **Ólafur Eggertsson** og Ólafur Ingólfsson 2008: Saga gróðurfars, skóga og umhverfis á Héraði síðustu 2000 árin. Fræðaðing Landbúnaðarins 2008, 503-506.

Guðmundur Halldórsson, Arnór Snorrason, Ása L. Aradóttir, Bjarni D. Sigurðsson, Edda S. Oddsdóttir, **Ólafur Eggertsson**, Páll Kolka og Ólafur Arnalds 2009: Kolbjörk - endurheimt birkivistkerfa og kolefnisbinding. Fræðaðing Landbúnaðarins 2009, 438-442.

Ágústa Helgadóttir, **Ólafur Eggertsson** og Kristín Svavarsdóttir 2009: Aldursgreining krækilyngs (*Empetrum nigrum*) með áhringjum. Fræðaðing Landbúnaðarins 2009, 355-358.

Ólafur Eggertsson 2009: Fjörumórinn í Staðarsveit á Snæfellsnesi. Ársskýrsla Skógræktar ríkisins 2008, 27-28.

Ólafur Eggertsson 2009: NOLTFOX gagnagrunurinn: Langtímatilraunir í skógrækt. Ársskýrsla Skógræktar ríkisins 2008, 36-37.

Ólafur Eggertsson og Lárus Heiðarsson 2010. Guttormslundur - reiknaður viðarvöxtur. Ársrit Skógræktar ríkisins 2009, 14-15.

Ólafur Eggertsson 2010. Skógarsaga Íslands. Fræðaðing Landbúnaðarins 2011, 197-200.

Ólafur Eggertsson, Sævar Hreiðarsson og Edda S. Oddsdóttir 2011. Kastaníuskógurinn í Belasitsa fjöllum í Búlgaríu. Ársrit Skógræktar ríkisins 2010, 34-35.

Ólafur Eggertsson 2011. Hvað er viðarfræði. Ársrit Skógræktar ríkisins 2010, 8-10.

Sighvatur J. Þórarinsson og **Ólafur Eggertsson** 2012. Vistfræði reyniviðar (*Sorbus aucuparia* L.) í Trostansfirði – aldur, vaxtarhraði og þéttleiki. Skógræktarritið 2012 (1), 47-54.

Magnús Bjarklind, **Ólafur Eggertsson**, Þorbergur H. Jónsson og Árni Bragason 2012. Aspirnar við Kringlumýrarbraut – áhrif jarðvegsfyllingar á heilbrigði og vöxt tránna. Skógræktarritið 2012 (1), 85-91.

Sighvatur J. Þórarinsson og **Ólafur Eggertsson** 2012. Reyniviðurinn í Trostansfirði á Vestfjörðum. Ársrit Skógræktar ríkisins 2011, 24-27.

Ívar Örn Þrastarson, Bjarni Diðrik Sigurðsson, Eiríkur Þorsteinsson, **Ólafur Eggertsson**, Hreinn Óskarsson og Sævar Hreiðarsson 2013. Gæðaprófanir á viði úr íslenskum skógum sem byggingarefni. Rit Mógilsár 30. 59-63.

Lena Hellmann, Willy Tegel, **Ólafur Eggertsson**, Fritz Hans Schweingruber, Robert Blanchette, Alexander Kirilyanov, Holger Gärtner and Ulf Büntgen 2013: On the importance of anatomical classification in Arctic driftwood research. TRACE - Tree Rings in Archaeology, Climatology and Ecology, Vol. 11, 160-165.

Sævar Hreiðarsson and **Ólafur Eggertsson** 2013: Áhringjarannsókn á kastaníu í Belasitsa-fjöllum í Suður-Búlgaríu. Skógræktarritið 2013 (2), 54-58.

Ólafur Eggertsson, January 2014