

Selected Publications by Faculty & Staff, since 2003

For more, please log on to personal websites

Tulossa / Forthcoming

Alarämi, K. & **T. Inkinen** (2008; *in press*). Information technology, communication and networking in small and medium size software companies. The case of northern Finland. *International Journal of Knowledge Management Studies* 2: 3 (*in press*).

Hedberg, C. & **K. Kepsu** (2008; *in press*). Identity in motion: The process of Finland-Swedish migration to Sweden. In **Raento, P.** (ed.): Nation, state, and identity in Finland. *National Identities* 10: 1 (Special Issue).

Hjort, J. & M. Luoto (2008; *in press*). Can abundance of geomorphological features be predicted using presence-absence data? *Earth Surface Processes and Landforms* 32.

Inkinen, T. (2008; *in press*). Challenges to digital governance in a city. Perspectives on e-inclusion and informational citizenship. In Yigitcanlar, T., K. Velibeyoglu & S. Baum (eds.): *Creative urban regions*. IGI, Hershey.

Inkinen, T. (2008; *in press*). Gender and the social use of mobile technologies. From information society policies to everyday practices. The case of Finland. In Priya Ulteng, T. & T. Cresswell (eds.): *Gendered mobilities*. Ashgate, Aldershot.

Koskela, H. (2008; *in press*). Fear and its Others. In Smith, S., S. Marston, R. Pain & J. P. Jones (eds.): *Handbook of social geography*. Sage, London.

Kosonen, K. (2008; *in press*). Making maps and mental images: Finnish press cartography in nation-building, 1899–1942. In **Raento, P.** (ed.): Nation, state, and identity in Finland. *National Identities* 10: 1 (Special Issue).

Raento, P. (ed.; *accepted for publication*). Arena Symposium: Teaching European identities. *Journal of Geography in Higher Education*.

Raento, P. & S. D. Brunn (2008; *in press*). Picturing a nation: Finland on postage stamps, 1917–2000. In **Raento, P.** (ed.): Nation, state, and identity in Finland. *National Identities* 10: 1 (Special Issue).

O'Loughlin, J., **P. Raento** & J. D. Sidaway (2008; *in press*). Editorial: Where the tradition meets its challengers. *Political Geography* 27: 1, 1–4.

2007

Ahlqvist, T. & **T. Inkinen** (2007). Technology foresight in multiscalar innovation systems. A spatiotemporal process perspective. *Fennia* 185: 1 (forthcoming).

Darmody, R.G., C. E. Thorn, **M. Seppälä**, S. W. Campbell, Y. K. Li & J. Harbor (2007; *in press*). Age and weathering status of granite tors in Arctic Finland (~68 N.). *Geomorphology*.

- Heikkinen, R., M. Luoto, M. Kuussaari & **T. Toivonen** (2007). Performance of butterfly-landscape models depends on modelling technique, scale and model complexity. *Landscape and Urban Planning* 79, 347–357.
- Heinonen, S. & **R. Ratvio** (2007; eds.). Asumisen tulevaisuutta ennakoimassa / Finnish Housing Foresight. *VTT:n tutkimusraportti VTT-R-04021-07*. 96 s.
- Hjort, J.**, M. Luoto & **M. Seppälä** (2007). Landscape scale determinants of periglacial features in subarctic Finland: a grid-based modelling approach. *Permafrost and Periglacial Processes* 18, 115–127.
- Kepsu, K.** (2007). Muuttuva suomenruotsalainen muuttoliike ja kielirajat. In Junila, M. & C. Westin (eds.): *Kahden puolen Pohjanlahtea II. Enemmistöjen ja vähemmistöjen kesken*, 131–160. SKS, Helsinki.
- Kivikkokangas-Sandgren, R.** (2007). *New global regions. Possibilities to sustainable regions*. Atlantic Books, New Delhi.
- Kangasoja, J. & **H. Schulman** (2007; eds.). *Arabianranta. Rethinking urban living*. 287 p. City of Helsinki Urban Facts, Helsinki.
- Koskela, H.** (2007). Crime/fear of crime. In Kitchin, R. & Thrift, N. (eds.): *International encyclopedia of human geography*. Elsevier, Oxford.
- Kujala, K., **M. Seppälä** & T. Holappa (2007; *in press*). Physical properties of peat and palsa formation. *Cold Regions Science and Technology*.
- Loikkanen, H. A.** & H. Lönnqvist (2007). Metropolitan housing markets – The case of Helsinki. In Andersson, Å. E., L. Petterson. & U. Strömquist (eds.): *European metropolitan housing markets*, 63–84. Springer, Berlin.
- Luoto, M. & **J. Hjort** (2007; *in press*). Downscaling of coarse-grained geomorphological data. *Earth Surface Processes and Landforms* 31.
- Löytönen, M.** (2007). So far, so close. In Mäkipää, H. (ed.): *The Finnish Institute in Japan 10 Years*. The Finnish Institute in Japan, Tokyo.
- Tikkanen, M.** (2007; Finnish editor in chief). *Maapallo [Earth]*. 520 p. Karttakeskus, Helsinki.
- Varady, D. & **H. Schulman** (2007). Social disorders in the stages of public housing decline: A case of Helsinki. *Housing Studies* 22: 3.
- Virtanen, H.** (2007). Monietnistyvät lähiöt – Suomalaisten asuinalueiden etninen erilaistumiskehitys ja siihen vaikuttavat tekijät. *Yhdyskuntasuunnittelu/The Finnish Journal of Urban Studies* 45: 3 (*forthcoming*).

2006

- Ainiala, T. & **J. Vuolteenaho** (2006). How to study urban onomastic landscape? *Acta Onomastica* 47, 58–63.
- Antikainen, J., J. Kankkunen, K. Karas, **K. Kosonen**, P. A. Purhonen & J. Tolvanen (2006). *GE3. Riskien maailma*. 265 p. Tammi, Helsinki.

- Bernelius, V.** (2006). On the path of learning: Urban segregation and the educational outcomes of comprehensive schools in Helsinki. *Helsinki Quarterly* 2006/4, 22–27.
- Hjort, J.** (2006). *Environmental factors affecting the occurrence of periglacial landforms in Finnish Lapland: a numerical approach*. 162 p. Shaker, Aachen.
- Hjort, J.** & M. Luoto (2006). Modelling patterned ground distribution in Finnish Lapland: an integration of topographical, ground and remote sensing information. *Geografiska Annaler A* 88, 19–29.
- Inkinen, T.** (2006). The social construction of the urban use of information technology: the case of Tampere, Finland. *Journal of Urban Technology* 13, 49–75.
- Inkinen, T.** & J. S. Jauhiainen (2006; eds.). *Tietoyhteiskunnan maantiede*. 271 p. Gaudeamus, Helsinki.
- Johansson, T.** (2006; ed.). Geographical information systems applications for schools – GISAS. *Helsingin yliopiston maantieteen laitoksen julkaisuja A* 141. 100 p.
- Johansson, T.** & **P. Pellikka** (2006). GISAS – geographical information systems applications for schools. In Suarez, J. & M. Bela (eds.): *AGILE 2006. 9th AGILE Conference on Geographic Information Science: Shaping the future of geographic information science in Europe*, 317–318. College of Geoinformatics, University of West Hungary & ALTO Press.
- Kepsu, K.** (2006). Finlandssvenska flyttningsmönster och språkgränser. In Junila, M. & C. Westin (eds.): *Mellan majoriteter och minoriteter: Om migration, makt och mening*, 124–148. Svenska litteratursällskapet, Helsingfors.
- Kepsu, K.** & **J. Westerholm** (2006). Finland-Swedish minority under pressure – Challenges for an ‘old’ minority. In **Raento, P.** (ed.): *Finnishness in Finland and North America: Constituents, changes, and challenges*, 72–97. Aspasia Books, Toronto & *Journal of Finnish Studies* 9: 2 (Special Issue, 2005).
- Koskela, H.** (2006). The other side of surveillance. Webcams, power and agency. In Lyon, D. (ed.): *Theorizing surveillance. The panopticon and beyond*, 163–181. Willan, Cullompton.
- Loikkanen, H. A.**, S. Laakso, P. Kilpeläinen, E. Kostainen & I. Susiluoto (2006). Economic impacts of the Helsinki 2005 World Championships in Athletics. *KIHU's Publication Series* 7.
- Luoto, M. & **J. Hjort** (2006). Scale matters – a multi-resolution study of the determinants of patterned ground activity in subarctic Finland. *Geomorphology* 80, 282–294.
- Löytönen, M.** (2006). HIV and Africa – Disaster approaching? In Hämäläinen, P. (ed.): *When disease makes history. Epidemics and great historical turning points*, 257–276. Helsinki University Press, Helsinki.
- Löytönen, M.** (2006). Kun silmäm pohjaa tutkittiin paikkatietojärjestelmällä. *Duodecim* 122, 2573–2574.

Raento, P. (2006). Communicating geopolitics through postage stamps: The case of Finland. *Geopolitics* 11, 601–629.

Raento, P. (2006). Changing food culture and identity in Finland. In **Raento, P.** (ed.): *Finnishness in Finland and North America: Constituents, changes, and challenges*, 50–71. Aspasia Books, Toronto & *Journal of Finnish Studies* 9: 2 (Special Issue, 2005).

Raento, P. & S. Flusty (2006). Three trips to Italy – Deconstructing the New Las Vegas. In Minca, C. & T. Oakes (eds.): *Travels in Paradox. Remapping Tourism*, 97–124. Rowman & Littlefield, Lanham.

Rinne, P. (2006). Struggles over resources and representations in territorial conflicts in the Northern Atlantic Autonomous Region (RAAN), Nicaragua. *Helsingin yliopiston maantieteen laitoksen julkaisu A* 142. 164 p.

Seppä, H. & **M. Tikkanen** (2006). Land uplift-driven shift of the outlet of Lake Ähtärinjärvi, western Finland. *Bulletin of the Geological Society of Finland* 78, 5–18.

Seppälä, M. (2006). Palsa mires in Finland. *The Finnish Environment* 23, 155–162.

Tikkanen, M. (2006). Unsettled weather and climate of Finland. In Lindholm, T. & R. Heikkilä (eds.): *Finland – land of mires*, 7–16. Finnish Environment Institute, Helsinki & *The Finnish environment* 23/2006.

Tikkanen, M. (2006). The landforms of Finland. In Lindholm, T. & R. Heikkilä (eds.): *Finland – land of mires*, 27–38. Finnish Environment Institute, Helsinki & *The Finnish environment* 23/2006.

Tikkanen, M. (2006). Postglacial history of Finnish inland waters. In Lindholm, T. & R. Heikkilä (eds.): *Finland – land of mires*, 39–48. Finnish Environment Institute, Helsinki & *The Finnish environment* 23/2006.

Tikkanen, M. (2006). Glacial and postglacial history of the Baltic Sea and Finland. In Lindholm, T. & R. Heikkilä (eds.): *Finland – land of mires*, 59–67. Finnish Environment Institute, Helsinki & *The Finnish environment* 23/2006.

Toivonen, T., R. Kalliola, K. Ruokolainen & R. N. Malik (2006) Across-path DN gradient in Landsat TM imagery of Amazonian forests: a challenge for image interpretation and mosaicking. *Remote Sensing of Environment* 100, 550–562.

2005

Hellemaa, P. (2005; ed.). Maantieteellisen tiedon hankinta ja esittäminen. *Helsingin yliopiston maantieteen laitoksen opetusmonisteita* 48.

Inkinen, T. (2005). European coherence and regional policy? A Finnish perspective on the observed and reported territorial impacts of EU research and development policies. *European Planning Studies* 13, 1113–1122.

Johansson, T. (2005). Introducing GIS into upper secondary schools in Europe. *GIS Educator* 1/2005, 1 & 7.

- Johansson, T. & P. Pellikka** (2005). Interactive geographical information systems (GIS) applications for European upper secondary schools. In Méndez Vilas, A., B. Gonzales Pereira, J. Mesa Gonzáles & J. A. Mesa Gonzáles (eds.): *Recent research developments in learning technologies, vol. 2*, 505–509. III International Conference on Multimedia & ICT's in Education, FORMATEX, Caceres.
- King, D. J., I. Olthof, **P. K. E. Pellikka**, E. D. Seed & C. Butson (2005). Modelling and mapping forest ice storm damage using remote sensing and environmental data. *Natural Hazards* 35, 321–342.
- Korhola, A., **M. Tikkanen** & J. Weckström (2005). Quantification of Holocene lake-level changes in Finnish Lapland using a cladocera – lake depth transfer model. *Journal of Paleolimnology* 34, 175–190.
- Koskela, H.** (2005). Urban space in plural: elastic, tamed, suppressed. In Seager, J. & L. Nelson (eds.): *A companion to feminist geography*, 257–270. Blackwell, Oxford.
- Koskela, H.** & S. Tani (2005). 'Sold out!' Women's practices of resistance against prostitution related sexual harassment. *Women's Studies International Forum* 28, 418–429.
- Laakso, S. & T. Halme, P. Kilpeläinen, **H. A. Loikkanen** & **M. Vaattovaara** (2005; eds.). Kirkkonummen kunnan muuttoliiketutkimus. *Helsingin yliopiston maantieteen laitoksen julkaisu B* 52.
- Loikkanen, H. A.**, M. Riihelä & R. Sullström (2005). Regional income convergence and inequality in boom and bust. Results from micro data in Finland 1971–2000. In Felsentein, D. & B. Portnov (eds.): *Regional disparities in small countries*, 109–127. Springer, Berlin.
- Loikkanen, H. A.** & I. Susiluoto (2005). Cost efficiency of Finnish municipalities in basic service provision 1994–2002. *Urban Public Economics Review* 4, 39–64.
- Loikkanen, H.** & I. Susiluoto (2005). Paljonko verorahoilla saa. *Kunnallisan kehittämissäätiö, tutkimusjulkaisut* 50. 115 p.
- Luoto, M. & **J. Hjort** (2005). Evaluation of current statistical approaches for predictive geomorphological mapping. *Geomorphology* 67, 299–315.
- Löytönen, M.** & R. Jäntti (2005). *Koillisväylän löytäjä. Tutkimusmatkaaja Adolf Erik Nordenskiöld Jäämerellä*. 46 p. Finnish Literature Society, Helsinki.
- Matthews, J.A., **M. Seppälä** & P. Q. Dresser (2005) Holocene solifluction, climate variation and fire in a subarctic landscape at Pippokangas, Finnish Lapland, based on radiocarbon-dated buried charcoal. *Journal of Quaternary Science* 20:6, 533–548.
- Raento, P.** (2005). Religion and diversity in Finland. In Koenig, M. (ed.): *Negotiating religious pluralism. Canadian Diversity/Diversité Canadienne* 4: 3 (Special Issue), 16–20.
- Raento, P.** & P. Hottola (2005). Where on earth is New York? Pedagogical lessons from Finnish geography students' knowledge of the United States. *International Research in Geographical and Environmental Education* 14, 5–27.

- Raento, P.** & S. D. Brunn (2005). Visualizing Finland. Postage stamps as political messengers. *Geografiska Annaler B* 87, 145–163.
- Seppälä, M.** (2005). Frost heave on earth hummocks (pounus) in Finnish Lapland. *Norsk Geografisk Tidsskrift* 59, 171–176.
- Seppälä, M.** (2005; ed.). *The physical geography of Fennoscandia*. Oxford University Press, Oxford.
- Seppälä, M.** (2005). Dating of palsas. *Geological Survey of Finland, Special Paper* 40, 79–84.
- Tikkanen, M.** (2005). Climate. In **Seppälä, M.** (ed.): *The physical geography of Fennoscandia*, 97–112. Oxford University Press, Oxford.
- Vuolteenaho, J.** (2005). Kaupunkitilan elävöittäminen: jälkimodernin muutoksen megatrendeistä Oulun kävelykadulle (Abstract: Enlivening urban space: from megatrends of postmodern change to Oulu's pedestrian street). *Terra* 117, 91–108.
- Vuolteenaho, J.** & T. Ainiala (2005). Urbaanin paikannimistön haasteita – kielitieteen ja maantieteen tieteenalatradiatioista arkiseen käyttönimistöön Helsingin metropolialueella (Abstract: Urban toponymy's challenges – from disciplinary traditions of linguistics and geography to everyday place names in metropolitan Helsinki). *Alue ja ympäristö* 34, 4–18.
- Westerholm, J.** (2005). Major human impact. In **Seppälä, M.** (ed.): *The physical geography of Fennoscandia*, 367–381. Oxford University Press, Oxford.

2004

- Douglass, W. A. & **P. Raento** (2004). The tradition of invention. Conceiving Las Vegas. *Annals of Tourism Research* 31, 7–23.
- Hellemaa, P.** (2004). Teemakarttojen lukemiseen liittyviä ongelmia. *Terra* 116, 166–172.
- Hendriks, J. & **P. Pellikka** (2004). Estimation of reflectance from a glacier surface by comparing spectrometer measurements with satellite-derived reflectances. *Zeitschrift für Gletscherkunde und Glazialgeologie* 38, 139–154.
- Koskela, H.** (2004). Webcams, TV shows and mobile phones. Empowering exhibitionism. *Surveillance and Society* 2, 199–215. <[www.surveillance-and-society.org/articles2\(2\)/webcams.pdf](http://www.surveillance-and-society.org/articles2(2)/webcams.pdf)>
- Laakso, S. & **H. A. Loikkanen** (2004). *Kaupunkitalous*. 472 p. Gaudeamus, Helsinki.
- Luoto, M. & **J. Hjort** (2004). Generalized linear modelling in periglacial studies: terrain parameters and patterned ground. *Permafrost and Periglacial Processes* 15, 327–338.
- Löytönen, M.** & R. Jäntti (2004). *Uutta maailmaa tutkimassa. Tutkimusmatkaaja Pehr Kalm Pohjois-Amerikassa*. 40 p. Finnish Literature Society, Helsinki.

Löytönen, M. & C. Sabel (2004). Mobile phone positioning systems and the accessibility of health services. In Maheswaran, R. & M. Craglia (eds.): *GIS in Public health practice*, 277–285. CRC Press, Boca Raton.

Raento, P., A. Hämäläinen, H. Ikonen & N. Mikkonen (2004). Striking stories. A political geography of euro coinage. *Political Geography* 23, 929–956.

Raento, P. (2004). Ahead, a bright but challenging future. *Journal of Cultural Geography* 22, 135–137.

Sabel, C. & **M. Löytönen** (2004). Clustering of disease. In Maheswaran, R. & M. Craglia (eds.). *GIS in public health practice*, 51–67. CRC Press, Boca Raton.

Seppälä, M. (2004). *Wind as a geomorphic agent in cold climates*. Cambridge University Press, Cambridge.

Sharov, A. I., K. Gutjahr & **P. E. Pellikka** (2004). Phase gradient approach to the evaluation and mapping of glacier rheology from multi-pass SAR interferograms. In Smits, P. C. & L. Bruzzone (eds.): *Analysis of multi-temporal remote sensing images*, 154–165. World Scientific.

Valta-Hulkkonen, K., A. Kanninen & **P. Pellikka** (2004). Remote sensing and GIS for detecting changes in aquatic vegetation of a rehabilitated lake. *International Journal of Remote Sensing* 25, 5745–5758.

Valta-Hulkkonen, K., **P. Pellikka** & J. Peltoniemi, 2004. Assessment of bi-directional reflectance over aquatic macrophyte vegetation in CIR aerial photographs. *Photogrammetric Engineering and Remote Sensing* 70, 581–587.

2003

Hedberg, C. & **K. Kepsu** (2003). Migration as a cultural expression? The case of the Finland-Swedish minority's migration to Sweden. *Geografiska Annaler B* 85, 67–84.

Inkinen, T. (2003). Exploring the information society: experiences from Finland. *Netcom. Networks and Communications Studies* 17, 249–268.

Inkinen, T. (2003). Information society, citizens and everyday life: does the Internet make a difference in spatial practices? *Fennia* 181, 25–33.

Koskela, H. (2003). 'In visible city'. Insecurity, gender, and power relations in urban space. In Öhman, J. & K. Simonsen (eds.): *Voices from the North. New trends in Nordic human geography*, 283–298. Ashgate, Aldershot.

Koskela, H. (2003). 'Cam Era' – the contemporary urban Panopticon. *Surveillance and Society* 1, 292–313. <[www.surveillance-and-society.org/articles1\(3\)/camera.pdf](http://www.surveillance-and-society.org/articles1(3)/camera.pdf)>

Leppäranta, Matti, **Matti Tikkanen** & **Juhani Virkanen** (2003). Observations of ice impurities in Finnish Lakes. *Proceedings of the Estonian Academy of Science, Chemistry* 52:2, 59-75.

Luoto, M. & **M. Seppälä** (2003). Thermokarst ponds as indicators of the former

distribution of palsas in Finnish Lapland. *Permafrost and Periglacial Processes* 14, 19–27.

Raento, P. (2003). The return of the one-armed bandit: gaming in the West. In Hausladen, G. J. (ed.): *Western places, American myths. How we think about the West*, 225–252. University of Nevada Press, Reno.

Ruth, O. (2003). The effects of de-icing in Helsinki urban streams, Southern Finland. *Water Science and Technology* 48: 9, 33–43.

Ruth, O. (2003). Road salt as a pollutant in Helsinki urban streams, Southern Finland. *Proceedings of the 1st International Conference on Urban Drainage and Highway Runoff in Cold Climate, 25–27 March, Riksgården, Sweden*, 35–47.

Sabel, C. E., P. J. Boyle, **M. Löytönen**, A. C. Gatrell, M. Jokelainen, R. Flowerdew & P. Maasilta (2003). Spatial clustering of amyotrophic lateral sclerosis in Finland at place of birth and place of death. *American Journal of Epidemiology* 157, 898–905.

Schulman, H. (2003). Planeringen och byggandet av Helsingfors. In *Helsingfors stads historia efter 1945. Del 2*, 11–109. Edita, Helsingfors.

Seppälä, M. (2003). Surface abrasion of palsas by wind action in Finnish Lapland. *Geomorphology* 52, 141–148.

Tikkanen, M. (2003; Finnish editor-in-chief). *Muuttuva maailma: Keski-Amerikka ja Karibia*. 160 p. (*Discover the World: Central America, Mexico and Caribbean – Regards sur le Monde: L'Amérique Centrale, le Mexique et les Caraïbes*). Valitut Palat – Reader's Digest.

Tikkanen, M. & O. Ruth (2003). Origins and development of the ancient outflow channel of the river Vantaanjoki, southern Finland, as indicated by fluvial sediments. *Fennia* 181, 69–83.

Toivonen, T. & M. Luoto (2003). Landsat TM images in mapping of semi-natural grasslands and analysing of habitat pattern in an agricultural landscape in south-west Finland. *Fennia* 181, 49–67.

Valta-Hulkkonen, K., **P. Pellikka**, H. Tanskanen, A. Ustinov & O. Sandman (2003). Digital false colour aerial photographs for discrimination of aquatic macrophyte species. *Aquatic Botany* 75, 71–88

Vuolteenaho, J. & J. Suikkanen (2003). Paikkatietojärjestelmät, spatiaalinen mallinnus ja maantiede: yhteiskuntatutkimuksen ja -suunnittelun näkökulmia (Abstract: Geographical information systems, spatial modelling and geography: perspectives on societal research and planning). In **Pellikka, P. & J. Vuolteenaho** (eds.): Geoinformatics. *Terra* 115, 179–191 (Special Issue).

Vuorela, N. & **T. Toivonen** (2003). Can the past suggest the present day biodiversity? Detecting and classifying change transitions in the landscape. In Mander, U & M. Antrop (eds.): *Multifunctional landscapes III: Continuity and change*, 135–166. WIT.