The publications, which have been published by September 2019, and the ones under review, are presented here. The following is marked in the list of peer-reviewed scientific articles: Peer-reviewed papers where I am the corresponding / first author (*), papers where I have been the funder and project leader (f), paper written without the PhD supervisor (*).

### A Peer-reviewed scientific articles

#### Published articles:

Lotsari E, Lind L, Kämäri M. 2019. Impacts of hydro-climatically varying years on ice development in a subarctic river. Water. (Journal article (refereed), original research) (accepted in September 2019) *f*


Lotsari E, Kasvi E, Kämäri M, Alho P. 2017. The effects of ice-cover on flow characteristics in a subarctic meandering river. Earth Surface Processes and Landforms 42, 1195–1212. DOI:10.1002/esp.4089. (Journal article (refereed), original research) *f*


Also three manuscripts are under peer-review at the moment (September 2019) for international scientific journals:

Panin, A., Astakhov, V., Komatsu, G., Lotsari, E., Lang, J., Winsemann, J. Middle and Late Quaternary glacial lake-outburst floods, drainage diversions and reorganization of fluvial systems in northwestern Eurasia. Earth Science Reviews. (Journal article (refereed), original research) (revision submitted in August 2019)

Lotsari, E., Hackney, C., Salmela, J., Kasvi, E., Kemp, J., Alho, P., Darby, S. Sub-arctic river bank dynamics and driving processes during the open-channel flow period. Earth Surface Processes and Landforms. (Journal article (refereed), original research) (submitted in June 2019)

In addition, the following manuscripts are under work, and will be submitted for peer-review during academic year 2019-2020:

Lotsari E, House K, Alho P, Baker VR. Comparison of long-term evolutionary trajectories of two ephemeral channels after channel-forming extraordinary floods. Geomorphology. (Journal article (refereed), original research) (Submitted in early 2019)

Lotsari E, Kemp J, Olley J. Holocene extreme flow events and their variability in Mid-Brisbane River, Australia. (Journal will be decided in early 2019, submitted in summer 2019.) (Journal article (refereed), original research)

B Non-refereed scientific articles

Non-refereed journal articles:


Non-refereed conference proceedings:


Presentations/abstracts in the international and national conferences, and seminars and invited talks/lectures (O=oral presentation, P=poster presentation):

Lotsari, E. 2019. Invited speaker at seminar, Umeå University, Department of Ecology and Environmental Sciences, Sweden, 17/04/2019. The talk was entitled: Defrosting sedimentary systems: the impacts on the evolution and material transport of high-latitude rivers - Case studies from north to south. (O)


Lotsari E. 2016. Invited speaker in seminar Series, entitled “The effects of annual and extreme fluvial processes on river dynamics in hydrologically different regions”. Department of Geography, University of Southampton, Southampton, UK. 16.3.2016. (O)


Lotsari E. 2015. Present and future fluvial processes in Finland: case studies from different river environments. Presentation in Seminar Series. Australian Rivers Institute, Griffith University, Brisbane, Australia 27.3.2015.(O)


Lotsari, E. 2014. Invited talks in seminars and research group meetings in CSIC, Madrid / Spain, 09/03/-09/06/2014 during my research visit. Presenting about the post-doctoral research project “Extreme and annual fluvial processes in river dynamics”. (O)

Lotsari E. 2013. Climate change impacts on discharges, flooding and fluvial erosion-sedimentation potential in a coastal river reach of SW Finland. Nordic Geographers Meeting (NGM13), Reykjavik, Iceland. (O)


Lotsari E. 2010: Dynamic relationship between discharge and river morphology in the braided sub-arctic lower Tana River: 2D-morphology modelling as a tool for river channel change detection. Maantieteen päivät 29.10.2010, Joensuu, Finland. (O)


Lotsari, E. 2010. Visiting lecturer at the University of Arizona, 12/03/2010, Civil Engineering Department, Tucson/USA): topic related to the PhD, i.e. "Fluvial processes and their future magnitudes". (O)


C Scientific books (monographs)

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D Publications intended for professional communities


E Publications intended for the general public, linked to the applicant's research


Savon sanomat, 19.3.2014. Vahvaa tiedettä nyt ja tulevaisuudessa. Journalists: many writers, including Lotsari Eliisa. (Popularised article, newspaper article)

I have been also interviewed by Media: