



## Harriet Lonka

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Date of birth: 13.10.1964

### EDUCATION

PhD on Legislative studies, Dept of Law, University of Eastern Finland, 2016  
Licentiate of Administrative Sciences, Dept of Public Leadership, University of Vaasa, 2012  
TAIVEX training program for art export, Aalto University, Small Business Centre, 2011  
Master of Science, Helsinki University, Faculty of Science, Dept of Geology and Mineralogy, 1991  
Bachelor of Arts, Tampere University, Section of Public Administration, 1992  
Matriculation examination, Helsingin II Normaalkoulu, Helsinki, 1983

### MAIN COMPETENCE AREAS

Legislative studies  
Business development and marketing  
Project management in multi-stakeholder environments  
Deep understanding of interconnections between environmental, economical and social aspects of different societal issues  
Prevention and mitigation of natural and technological hazards  
Security policy  
Preparedness planning and continuity management  
Risk assessment and management in the local communities  
Environmental risk management  
Natural resources management  
Aggregate Management

## WORKING EXPERIENCE

Project Manager  
Turku University of Applied Sciences  
Innovative Concepts for Foodstuff Export to China  
18.4.2017 -

Project Manager  
Kymenlaakso Regional Council  
Asia Business Development  
1.11.2016 – 30.6.2017

Project Manager  
Häme Region  
Resource Efficient Aggregate Management –project  
1.1.2015-28.2.2016

Project Manager  
Helsinki Uusimaa Region  
WATERS-project  
11.3.2013-31.12.2014

Researcher, freelancer  
Finnish Emergency Services College  
Evaluation of CRISMA Crisis Management Modelling Tool – Integration  
project  
During project's duration 1.8.2012-31.8.2014

Special researcher  
Finnish Environment Institute  
Expert work in groundwater protection and soil extraction issues.  
1.3.-30.9.2012

Researcher  
University of Vaasa  
Finalizing the licentiate thesis 'Strategies as a tool in security governance'  
1.9.-31.12.2011

Director  
Finnagora, Centre for Culture, Science and Economy for Finland in Hungary  
1.1.2010-13.4.2011  
The Cultural Attaché of the Finnish Embassy in Hungary  
Budapest  
1.1.2010-30.6.2011

Business Director, Risk Management  
Gaia Consulting Oy, 2005– 2009

Researcher, Project Manager  
Development of risk management activities,  
Gaia Group Oy, 2001-2005

Senior Researcher  
Projects in the field of environmental risk management  
Finnish Environment Institute, 1998-2001

Researcher  
Projects in the field of ground water geology and prevention of chemical  
accidents  
Finnish Environment Institute, 1996-1997

Research Officer, part-time researcher  
Development of groundwater protection methodology for hard-rock  
groundwater bedrock crush zones and their groundwater potential  
Helsinki University, Department of Geology and Mineralogy, 1993-1994

Geologist, mapping of groundwater areas, study regarding risk of  
contamination arising from hazardous materials entering groundwater  
Water and Environment District of South Eastern Finland, 1992-1993

PhD student, structural geological studies and fieldwork in Bohemia and  
Moravia, Tsechoslovakian Republic, 6 months, 1991, Scholarship from Charles  
University.

Officer, mapping of polluted soils  
Water and Environment District of South Eastern Finland, 1991

Student Employee, part-time, mapping of polluted soils  
State Provincial Office of South Eastern Finland, 1990

Assistant archivist  
Ministry of the Environment, 1989

## LANGUAGE SKILLS

Language	Spoken	Written
Finnish	mother tongue	
Swedish	excellent	good
English	excellent	good
French	moderate	moderate
German	moderate	moderate
Hungarian	basic skills	basic skills

## SELECTED PROJECTS

**1. Project Manager, Turku University of Applied Sciences  
Innovative Concepts for Foodstuff Export to China**

This project is a cooperation between Kymenlaakso Regional Council and Turku University of Applied Sciences (TUAS) as well as with various Private and Public partners. It aims at creating smoother practices for export and import of especially animal origin foodstuff between Finland and China. The export of foodstuff from Finland and import of foodstuff to China is strictly regulated by both EU and Chinese legislation. A Post Doc study period concentrating on legislative issues regulating this branch of trade between Finland and China at the International Law Institute in Beijing University in October - November 2017 is part of this project.

**2. Project Manager, Häme Regional Council  
Resource Efficient Aggregate Management (REKI) Project**

The REKI project was carried out in 2015-2016 in cooperation with the large amount of stakeholders representing academia, business and administration. The goal of the project was to create a common understanding of the entire process of aggregate management in Finland. The basic method for collection of information was workshops on different themes focusing on supply and need of aggregates, circulation of soil and rock, secondary materials, administration and land use planning issues and business model development. An important end result of the project was the Finnish Government including the idea of Demonstration Project Combining Aggregate Management and Construction Process on its list of Key Projects for 2016-2018.

**Project Coordinator, Helsinki-Uusimaa Region  
WATERS project**

3. The WATERS (Etelä-Suomen VEDET, 2013-2014) project supported the implementation of the EU Water Framework Directive in Finland. The project was a common effort of the Regions of Uusimaa, Häme and Päijät-Häme and is coordinated by Uusimaa Regional Council. The specific fields of interest in the Project were groundwater protection, storm water management and waste water management in sparsely populated areas. The project networked large amount of key actors in business, research and the public sector. The project resulted in an outcome of over 1,5 million euros project development using financing instruments of several EU structural fund programs. The project was continuing in years 2015-2016 in Häme Region in the framework of EU Structural Fund project Resource Efficient Aggregate Management.

**Project Evaluator, Emergency Services College  
Project evaluation of EU FP7 project 'Modelling crisis management for improved action and preparedness '(CRISMA)**

4. CRISMA Integration Project focused on large scale crisis scenarios with immediate and extended human, societal, structural and economic, often irreversible, consequences and impacts. The CRISMA project developed a simulation-based

decision support system, for modelling crisis management, improved action and preparedness. The CRISMA System facilitates simulation and modelling of realistic crisis scenarios, possible response actions, and the impacts of crisis depending on both the external factors driving the crisis development and the various actions of the crisis management team. The project partners represented 17 stakeholders from 9 EU countries and from Israel. Evaluation period 2012-2014.

**Evaluation Team Leader, CMC Finland**

**EU CoordEx 2014 in Kuopio 7-11 April 2014**

5. Work as a freelancer to plan and carry out the evaluation of the international exercise EU CoordEx 2014 in Kuopio 7-11 April 2014. The exercise's aim was to improve the EU Civil Protection Mechanism's preparedness and response by conducting this exercise to the National key contact point staff, European Civil Protection Experts and Technical Assistance Support Teams (TAST) by improving the co-ordination and integration of these interlinked elements.

**Special Researcher, Finnish Environment Institute**

**Evaluation of the Land Extraction Act**

6. The evaluation of the Land Extraction Act (entered into force 1982) was carried out in the Act's 30 years anniversary. The primary aim was to evaluate how the permit system under the Act is functioning, and to present an overview of the current situation and the guidance mechanisms for soil extraction. The research material consisted of a literature review and a survey and interviews of experts. Expert Workshops in which various facilitation methods were utilized were carried out in different parts of the country. The proposed development needs related to regulating the extraction of earth material are based on the study results. Financed by the Ministry for the Environment, 2012.

**Director of Finnagora, Centre for Culture, Science and Economy for Finland in Hungary**

7. Development of the concept for exportation of Finnish wood knowhow. Culture exportation project, co-financed by the Ministry of Education and Culture, 2011, Project Leader
8. *Finnish Business in Hungary* publication, Hungarian-Finnish Trade-Guild, 2011, Editor in Chief
9. Enhancement of the societal status of the Roma minority by improving the educational system and the use of minority languages. Co-operation project between Hungarian and Finnish partners, co-financed by the Ministry of Education and Culture, 2010-2011, Project Leader
10. Finnish-Hungarian Science Days 2010, co-organised with the Hungarian Academy of Sciences, 2010, Project Leader
11. Development of the methodology for cultural exportation in the field of design between Finland and Hungary. Culture exportation project, co-financed by the Ministry of Education and Culture, 2010, Project Leader

**Business Director, Gaia Consulting Oy****Business development in the field of renewable energies in China**

12. Pre-Study on market need related to tap water, sewage, waste management and environmental protection in the rural area of China, Confidential, 2008-2009, Project Leader
13. Business development in the field of renewable energies in China, internal development project of Gaia, co-funded by Finnpartnership program, 2008-2009, Project Leader
14. Review of Finnish technological, process and business competence of biogas plants and energy solutions, 2008, Expert

**Risk management and other expert work**

15. Evaluation of the Scientific Advisory Board for Defense, Ministry of Defense, 2008, Expert
16. Evaluation of the natural resources strategy, Ministry of Agriculture, 2008, Project Leader

**Safety work in Kouvola region**

17. Preparation of Safe Community Application for City of Kouvola, City of Kouvola 2007-2008, Project Manager
18. Pre-Study on safety planning in Kouvola region, Kouvola Region Federation of Municipalities 2007, Project Manager
19. Safety work in City of Kouvola, City of Kouvola 2006-2007, Project Manager
20. Planning for cross-sectoral safety work at Kouvola region, City of Kouvola 2005-2006, Project Manager

**Preparedness planning, regional projects**

21. Facilitation of Preparedness Planning Process in Province of Southern Finland, The State Provincial Office of Southern Finland, 2006, Project Manager
22. Pre-Study on safety planning in Uusimaa region, Uudenmaan liitto 2007, Project Manager
23. Preparedness Planning of Technical Services, City of Lappeenranta, 2006-2007, Project Manager

**Flood risk management**

24. Land Use Planning and Civil Engineering in Urban Flood Risk Management, Ministry of the Environment, 8 municipalities from SE Finland, 2006-2007, Project Manager
25. Development of Flood Risk Management in Finland, Southeast Finland Regional Environment Centre and Ministry of Agriculture and Forestry 2006, Project Manager

**Follow up of emergency exercises**

26. Follow up of Oil Combatting and Major Accident Exercise on lake Saimaa, Ministry of the Environment, Rescue Services of Saimaa Region, 2006, Project Manager

27. Follow up of a Dam Break Exercise in Lapland, Lapland Regional Environment Centre, 2006, Project Manager

#### **Investigation of the Catastrophe in Asia**

28. Investigation of the Catastrophe in Asia on 26 December 2004, Major Accident Investigation Committee, Finnish Government, 2005, Expert

#### **Evaluation of strategy for securing the functions vital to society**

29. Evaluation of strategy for securing the functions vital to society, Ministry of Defence, 2005, Project Manager

#### **Researcher, Project Manager, Gaia Group Oy**

##### **Preparedness planning, follow up of exercises, case studies**

30. Follow-up and reporting of emergency exercises in Southeast Finland 2002, Ministry of the Interior and in Vaasa 2004, Rescue Services of Bothnia Region, Project Manager
31. Case Study on Storm Flood of the City of Vaasa, Ministry of Agriculture and Forestry, City of Vaasa, 2003, Project Manager
32. Preparedness planning for City of Vaasa, 2004, City of Vaasa, Expert.

#### **Technological safety related projects**

33. Management of chemical accident risks in actors' network in Kymenlaakso, TUKES, Ministry of Environment, Ministry of Traffic and Communication, Finnish Fire Prevention Fund, Kymenlaakson liitto, private partners, 2005, Project Manager
34. Seveso-plants and land use planning, Southeast Finland Regional Environment Centre, 2004, Project Manager
35. Safety indicators in four European countries and Canada, 2004, TUKES, Project Manager

#### **General risk management and other**

36. Foresight study on the implications of ageing in the regional innovation environment – case studies Kymenlaakso and Pohjois-Savo, 2004, Project Manager
37. Improvement of risk analysis and preparedness of regional rescue services, Rescue Services of Bothnia, City of Vaasa, Finnish Fire Prevention Fund, 2003-2004, Expert
38. Finland 2015 Summit Seminar working group "Society and Security", 2003, SITRA, Reporting Expert
39. Risk Management in Finland - pre-study, 2002, SITRA, Project Manager

#### **Evaluation of EU-projects**

40. Evaluation on EU-projects fp 5 IST and risk management (spring 2002), fp 6 Emergency management and GMES (spring 2003, autumn 2003), Preparatory Action on Security-related Research (spring 2005)

**Research officer, Finnish Environment Institute****Environmental risk management**

41. Environmental risk management – outline of research and development, 1998-2001, Finnish Ministry of the Environment, Project Manager

**International projects**

42. Prevention of Natural and Technological Disasters, 2000-2002, Part of EU Commission Action Programme in the Field of Civil Protection, Secretary General
43. OECD Chemical accidents working group, representative of Finnish environmental administration in 1998-2000
44. Preparation of OECD Chemical accidents working group Special Session on Environmental Effects of Accidents, 1999, Finnish Environment Institute
45. UN/ECE convention on transboundary effects of industrial accidents, specialist work as a representative of Finnish environmental administration in 1998-2000

**DISTINCTIONS AND POSITIONS OF TRUST**

Member, Chairperson of the Research Branch, The Advisory Board for Defense Information 2015-2018

Board Member, SaferGlobe Finland, 2015-

Chairperson of the Society for societal security in Finland 2007-

Member of the committee for the protection of the Baltic Sea, Ministry of the Environment, 2004-2007

Vice-Chair; section for environmental matters, Finnish Council for Natural Resources, 2003-2007

Vice-Chair; Steering Committee of European Environmental Advisory Councils, 2000-2003

Member of the Regional Development Council, the Ministry of the Interior, 2000-2002

Member of group of official observers in UN General Assembly, New York 1.-13.10.2000

Member of Finnish Council for Natural Resources, 1999-2003

Member of Finnish Council for the Environment and Natural Resources, 1995-1999

Member of the City Council of Kouvola, 1993-2008

Member of the Board of Regional Council of Kymenlaakso 1993-1996

**PUBLICATIONS***Thesis work:*

1. Lonka, H. 2016. Valtioneuvoston turvallisuusstrategiatyö lainsäädännön muokkaajana (Governmental Security Strategy Work in Shaping the Legislation). PhD Thesis at the University of Eastern Finland. In Finnish with an English abstract.
2. Lonka, H. 2012. Strategiat työvälteenä turvallisuusasioiden hallinnassa. Näkökulmana valtioneuvoston työskentely. (Strategies as a tool in security governance) Licentiate thesis at the University of Vaasa. In Finnish.

*International scientific journals:*

3. Lonka, H. and Wybo, J-L. 2005. Sharing of experiences. A method to improve usefulness of emergency exercises. Int.Journal of Emergency Management Vol.2, No. 3, 2005.



4. Wybo, J-L. and Lonka, H. 2002. Emergency management and information society: how to improve synergy? *Int. Journal of Emergency Management*, Vol. 1, No. 2, pp. 183-190.
5. Lonka, H., Schulmann, K., and Venera, Z. 1998. Ductile deformation of tonalite in the Suomusjärvi shear zone, South-Western Finland. *Journal of Structural Geology*, Vol. 20 No. 6 pp. 783-798.

*Conference proceedings, presentations, posters and non-peer-reviewed papers:*

6. Lonka, H. ja Limnell, J. 2015: Strategiasta käytäntöön: Suomi kyberlain säädäntöä kehittämässä. *Oikeus 2/2015*, s.202-213.
7. Lonka, H. 2013. *National security strategy as a background to disaster planning: A Finnish Case Study*. Konferenssiesitelmä IIIR 2013 konferenssissa. QUT, Brisbane, Australia 17.6.2013.
8. Lonka, H. and Wybo, J-L. 2003. Sharing of experiences. A method to improve usefulness of emergency exercises. In: Newkirk, R.T. (ed.) *The International Emergency Management Society 10th Annual Conference Proceedings: Emergency Management in a Changing World*. June 3-6, 2003 Sophia Antipolis, Provence, France. Published by Ecole des Mines de Paris.
9. Wybo, J-L. and Lonka, H. 2001. Emergency management and information society - how to improve synergy? *Sustainable Information Society - Values and Everyday Life*, Kouvola, Finland. (Published in a website-version only: <http://www.kouvola.fi/sis>)
10. Lonka, H. 2000. Risk assessment procedures used in European Union countries and Norway. In: Cottam, M.P. et al (ed.) *Foresight and Precaution. Proceedings of ESREL 2000, SARS and SRA-Europa Annual Conference, Edinburgh 15-17 May 2000*, vol. 2, pp.1363-1367. Balkema, Rotterdam.
11. Lonka, H. 1998. Preparedness for responding to oil and chemical accidents in Finland – the point of view of environmental emergencies. English summary of the report. In: *OECD Workshop "On new developments in chemical emergency preparedness and response"* 3-6 November 1998, Lappeenranta, Finland.
12. Lonka, H. 1997. Preparedness for Responding to Chemical Accidents in Finland. Poster Presentation. In: Nieminen, K. and Pääkkönen, E. (ed.) *Proceedings of the Symposium on NBC Defence '97* 10-12 June 1997. Defence Forces Research Centre, Finland.

*Other reports:*

13. Lonka, H. ja Loukola-Ruskeeniemi, K. (toim.) 2015. Kiviaines- ja luonnonkiviteollisuuden kehitysnäkymät. Työ- ja elinkeinoministeriön julkaisu, Konserni 54/2015.
14. Rintala, J & Lonka, H. 2013. Maa-aineslain toimivuuden arviointi. Evaluation of the Land Extraction Act. In Finnish, with English Abstract. *Suomen Ympäristö* 12/2013.
15. Lonka, H. 2012. Kulttuuriviennin hankkeet Finnagorassa 2010-2011: Kulttuuriviennin prosessin kehittämisestä puuosaamisen vientiin. Teoksessa: *Loppuraportti: TAIVEX-*

*vientivalmennus 2009-2011 Tuottajien kansainvälinen osaaminen avainasemassa. Ajatuksia suomalaisen taiteen kansainvälistymisestä ja viennin edistämisestä. 11.3.2012.*

16. Lonka, H. ja Nikula, J. 2008. *Maankäyttö ja kuntatekninen suunnittelu taajamien tulvariskien hallinnassa*. Kaakkois-Suomen ympäristökeskuksen raportteja 1/2008. 73 s. Kaakkois-Suomen ympäristökeskus. ISBN 978-952-11-3123-3 (pdf).
17. Lonka, H., Hjelt, M., Uusikylä, P. ja Karinen, R. 2005. Yhteiskunnan elintärkeiden toimintojen turvaamisen strategian arviointi. Puolustusministeriön julkaisu.
18. Lonka, H. ja Halonen, M. 2004. Seveso-laitokset ja maankäytön suunnittelu. Alueellisen ympäristöhallinnon julkaisusarja 369, Kaakkois-Suomen ympäristökeskus, 41 s.
19. Lonka, H., Gilbert, Y. ja Hjelt, M. 2004. Turvallisuuden mittaaminen neljässä Euroopan maassa ja Kanadassa. TUKES-julkaisu 9/2004, Turvatekniikan keskus, ISBN 952-5095-83-5, ISSN 1455-0822.
20. Lonka, H. 2003. Yhteiskunnan turvallisuus – holhousta vai vuorovaikutusta? Teoksessa: Allén Tuovi (toim.): Askelmerkit tulevaisuuteen. Sitran raportteja 34.
21. Lonka, H., Hjelt, M., Vanhanen, J., Raivio, T., Vaahtoranta, T., Väyrynen, M., Visuri, P., Frinking, E. ja O'Brien, K. 2002. Riskien hallinta Suomessa – Esiselvitys. Sitran raportteja 23.
22. Lonka, H. 2001. Ympäristöriskien hallinta - tutkimuksen ja kehittämisen suuntaviivat, 81 s., Suomen ympäristö 480. In Finnish. English title: Environmental risk management – outline of research and development. English abstract. Svensk sammandrag.
23. Lonka, H. 2000. Miljöarbetet inom den finska räddningstjänsten. Nordisk Räddningstjänstkonferens 2000. Tema Nord 2000: 577. Nordiska Ministerrådet.
24. Lonka, H. 1999. Report on risk assessment procedures used in different European Union countries and in Norway, 39 s., Publication of the Finnish Ministry of Interior 16/1999.
25. Lonka, H. 1998. Öljy- ja kemikaalivahinkojen torjuntavalmius Suomessa - ympäristövahinkojen torjunnan näkökulma, 144 s., Suomen ympäristö 193. In Finnish. English title: Preparedness for responding to oil and chemical accidents in Finland – the point of view of environmental emergencies. English abstract. Svensk sammandrag.

*Columnist activity:*

26. Columnist for *Seiska Lehti*, the local paper in Kouvola region, 2-4 times a month in 1993-1999.
27. Columnist for *Kouvolan Sanomat*, the leading newspaper in the city of Kouvola, once a month from January 2010.