

PERSONAL INFORMATION

Sari Väisänen



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Sex Female | Date of birth 14/09/1981 | Nationality Finnish

WORK EXPERIENCE

01/02/2009–Present

**Researcher**

Finnish environment institute, Helsinki (Finland)

Works have related to:

Water Framework Directive, i.e. assessment of costs, benefits and effectiveness of measures to be implemented in Finland. Familiar also with Marine Strategy Framework Directive.

Cost-effectiveness analysis involving Water Framework Directive.

Contingent valuation studies (i.e. monetary valuation of environmental benefits) on different topics, mainly water and Water Framework Directive related.

Development and use of VIHMA-model (Tool for allocation of measures to control erosion and nutrient loading from agricultural catchments) to estimate nutrient loadings from agricultural areas.

Also worked as a pilot area coordinator and WP leader in EU Life+ project GisBloom and as a project manager in a national KiertoVesi-project.

21/05/2007–31/08/2008

**Trainee**

Finnish environment institute, Helsinki (Finland)

Participating in several projects, also as part of Master's, involving cost-effectiveness of water protection measures, especially in agriculture and wastewater treatment plants.

18/10/2006–17/03/2007

**Trainee**

Finnish environment institute, Helsinki (Finland)

Gathering loading data of nutrients, hazardous substances and other pollutants.

EDUCATION AND TRAINING

01/09/2001–19/06/2008

**Master's Degree in Environmental Economics**

EQF level 4

University of Helsinki, Helsinki (Finland)

PERSONAL SKILLS

Mother tongue(s)

Finnish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1
Swedish	B1	B1	A2	A2	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

- Communication skills** Good communication skills in Finnish and English language gained through research and project collaboration and writing.
- Organisational / managerial skills** Experience as work package leader of EU funded project GisBloom. Currently project manager of a national project KiertoVesi.
- Job-related skills** Experience gained through various national and international research projects: contingent valuation, cost-effectiveness analysis, Water Framework Directive, agri-environmental subsidies program, modeling of nutrient loading from agricultural areas and scientific writing.

**Digital competence**

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Proficient user	Independent user

Digital competences - Self-assessment grid

**Driving licence** A, B

**ADDITIONAL INFORMATION**

- Publications** 9 scientific publications or reports of which 2 in peer reviewed journals. List attached.
- Projects** List of relevant projects i.e. involving environmental economics and/or WFD attached

Deputy member of Finland in CIS Working Group on Economics on WFD (WG Economics group) (2014)

Member and SYKE representative in Sub Committee "Economic Assessments" of the Planning Committee of Environmental subsidies in agriculture (2012)

Member of ARVOKE; network of economic valuation researchers in Finland (Since 2014)

**ANNEXES**

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- Relevant projects\_vaisanen.pdf

## Publications\_vaisanen.pdf

### Scientific articles in peer reviewed journals:

- Lehtoranta, V., Sarvilinna, A., Väisänen, S., Aroviita, J. & Muotka, T. 2017. Public values and preference certainty for stream restoration in forested watersheds in Finland. *Water Resources and Economics*. <http://dx.doi.org/10.1016/j.wre.2017.02.004>
- Hjerpe, T., Seppälä, E., Väisänen, S. & Marttunen, M. 2016. Monetary assessment of the recreational benefits from improved water quality – description of a new model and a case study. *Journal of environmental planning and management*.
- Malve, O., Hjerpe, T., Tattari, S., Väisänen, S., Huttunen, I., Kotamäki, N., Kallio, K., Taskinen, A., Kauppila, P. 2016. Participatory operations model for cost-efficient monitoring and modeling of river basins — A systematic approach. *Science of the total environment*. Volume 540, 1 January 2016, Pages 79–89. DOI:10.1016/j.scitotenv.2015.06.105.
- Hjerpe, T. & Väisänen, S. 2015. A practical tool for selecting cost-effective combinations of phosphorus loading mitigation measures in Finnish catchments. *Journal of River Basin Management*. Volume 13, Issue 3, 2015. DOI:10.1080/15715124.2015.1012516.

### Peer reviewed conference papers:

- Väisänen, S., Lehtoranta, V., Parjanne, A., Rytönen, A.-M., Aaltonen, J. 2016. Resident's willingness to invest on flood mitigation measures and to purchase flood insurance. *FloodRisk 2016*. <http://dx.doi.org/10.1051/e3sconf/20160722001>

### Publications in national series':

- Väisänen, S. & Ahopelto, L., (edit.). 2016. Vesivarojen arvo Suomessa. Suomen ympäristökeskuksen raportteja 23/2016.
- Hjerpe, T., Väisänen, S. & Sammalkorpi, I. 2014. Vesienhoito Kouvatsan reitillä – nykytila ja toimenpidesuosituksat. Suomen ympäristökeskuksen raportteja 19/2014.
- Väisänen, S. (toim.) 2013. Mallit avuksi vesienhoidonsuunnitteluun GisBloom-hankkeen pilottialueilla. Suomen ympäristökeskuksen raportteja 29/2013. Suomen ympäristökeskus.
- Ekholm, P., Jaakkola, E., Kiiirikki, M., Lahti, K., Lehtoranta, J., Mäkelä, V., Näykki, T., Pietola, L., Tattari, S., Valkama, P., Vesikko, L. & Väisänen, S. 2011. The effect of gypsum on phosphorus losses at the catchment scale. *Suomen ympäristö* 33/2011.
- Iho, A., Lankoski, J., Ollikainen, M., Puustinen, M., Arovuori, K., Heliölä, J., Kuussaari, M., Oksanen, A. & Väisänen, S. 2011. Auction for agri-environmental contracts: designing and piloting the policy instrument- Final report of the TARVEKE-project. *MTT raportti* 33/2011.
- Väisänen, S. & Puustinen, M. (toim.) 2010. Maatalouden vesistökuormituksen hallinta. Seuranta, mallit ja kustannustehokkaat toimenpiteet vesienhoidon toimenpideohjelmissa. *Suomen ympäristö* 23/2010. Suomen ympäristökeskus.
- The economics of the state of the Baltic Sea. Pre-study assessing the feasibility of a cost-benefit analysis of protecting the Baltic Sea ecosystem. 2009. Huhtala, A., Ahtiainen, H., Ekholm, p., Fleming-Lehtinen, V., Heikkilä, J., Heiskanen, A.-S., Helin, J., Helle, I., Hyytiäinen, K., Hällfors, H., Iho, A., Koikkalainen, K., Kuikka, S., Lehtiniemi, M., Mannio, J., Mehtonen, J., Miettinen, A., Mäntyniemi, S., Peltonen, H., Pouta, E., Pylkkö, M., Salmiovirta, M., Verta, M., Vesterinen, J., Viitasalo, M., Viitasalo-Frösen, S. & Väisänen, S. *Sektoritutkimuksen neuvottelukunnan julkaisu* 2/2009. 170s.

**National journals:**

- Lehtoranta, V., Rytönen, A-M., Parjanne, A., Kettunen, K. ja Väisänen, S. 2016. Orastavaa kiinnostusta omakohtaisiin toimiin tulvariskialueilla. Vesitalous 4/2016, s. 27-30.

- Väisänen, S., Hentilä, H., Juvonen, J., Lehtoranta, V. ja Rautanen, H. 2016. Pohjavesivaroista ollaan kiinnostuneita – niiden hyvästä tilasta ollaan myös valmiita maksamaan. Vesitalous 5/2016, s. 35-38.

- Oinonen, S., Ahtiainen, H., Lehtoranta, V. & Väisänen, S. 2015. kustannustehokkaalla merenhoidolla kohti sinistä kasvua. Vesitalous 6/2015. s- 19-22.

- Väisänen, S. & Lehtoranta, V. 2015. Metsäpurojen hyvinvointi kiinnostaa. Ympäristö ja terveys-lehti 4/2015. s. 72-76.

## Relevant projects\_vaisanen.pdf

**Arctic Freshwater Capital in the Nordic Countries - CAPITAL (2016-2018)** *The Nordic Council of Ministers*

Using the concept of natural capital and related accounting frameworks the project recognizes the value of freshwater, groundwater and coastal ecosystems in the Arctic regions of the Nordic Countries.

**KiertoVesi (2016-2018)** *Makera (Development Fund of the Agriculture)*

"Circulating water"

Project manager in a national project concerning nutrient circulation in agriculture and the effects on the state of waters.

**Blue bio-economy road map (2015-2016)** *Ministry of Agriculture and Forestry*

Part of core team preparing workshops, material and data to make road map of Blue bio-economy in Finland; what it includes and how to increase its economic viability.

**Vesivarallisuus (2014-2016)** *Ministry of Agriculture and Forestry*

"Value of water resources in Finland"

Gathering data and estimations concerning the value of water in different sectors in Finland. Editor and co-writer of the final report.

**VEARME (2014-2017)** *Ministry of Agriculture and Forestry and Ministry of the environment*

"Economic analysis and assessment methods in water management"

Conducting valuation studies related to flood risk management, surface waters and ground waters.

**BASE (2013-2016)** *EU FP7 and Ministry of Agriculture and Forestry*

"Bottom-Up Climate Adaptation Strategies for a Sustainable Europe"

Planning and conducting a valuation study to reveal attitudes and willingness to pay for flood risk and water management in the Kalajoki river basin (the Finnish case study).

**ReFFECT (2012- 2016) & REFORM (2011- 2015)** *Finnish Academy and EU FP7*

"Assessing restoration effectiveness in sediment stressed forest streams" (Finnish Academy - REFFECT)

"REstoring rivers FOR effective catchment Management" (EU FP7 – REFORM)

Conducting a valuation study on how the residents and the forest owners value their forest streams and stream related ecosystem services.

**MONTE (2015)** *Ministry of the Environment*

"Valuation of benefits of the MSFD"

Part of the working group assessing the monetarized benefits of the Marine Strategy Framework Directive measures in Finland.

**Meritieto (2014)** *Ministry of the Environment*

"Preliminary report on developing common data base for marine data for MSFD"

Part of a working group to determine how to link the data needed for MSFD with the data for WFD through new or existing data base.

**GisBloom (2010-2013)** *EU Life+ (Life 09 ENV/FI/000569)*

"Participatory monitoring, forecasting, control and socio-economic impacts of eutrophication and algal blooms in River Basin Districts"

Pilot area coordinator and participating in cost and benefit evaluations of Programme of Measures of Water Framework Directive in project pilot areas and identification of feasible and cost-efficient combinations of measures in the pilot areas.

**Baltic Compass (2010-2012)** *Interreg Baltic Sea Regional Programme 2007-2013**"Baltic Sea Agriculture as a Pilot of Sustainability"*

Osallistuin työpaketteihin joissa arvioitiin kustannus-tehokkuuksia maatalouden tukijärjestelmissä 4 maassa ja ravinteiden vähentämistä Itämereen.

Participating in work packages evaluating cost-efficiency of agri-environment programs in 4 countries and measures taken to reduce eutrophication of the Baltic Sea.

**Tarveke (2009-2011):** *Makera (Development Fund of the Agriculture)**"Auction for agri-environmental contracts: designing and piloting the policy instrument"*

Participating in planning and piloting an auction based policy instrument concerning gypsum as a measure of reducing nutrient loading.

**WaterPraxis (2008-2012):** *Interreg Baltic Sea Regional Programme 2007-2013**"From theory and plans to eco-efficient and sustainable practices to improve the status of the Baltic Sea"*

Working as one of the instructors in environmental economy course for planners of water management in Water Framework Directive.