


Name SURNAME: Timo TARVAINEN		
Function:	Senior Scientist	
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Division	Environmental geology	
Areas of Expertise:		
<p>Geochemical mapping and environmental applications of geochemical data. Geochemical mapping of European agricultural and pasture soils has revealed areas with natural or anthropogenic arsenic anomalies. This information can be merged with earlier mapping of European surface water geochemistry carried out by European geological surveys. Heavy metal balance models applied in farm level can give estimates of important input and output routes of arsenic in agricultural environment.</p>		
Short Description of your Institution:		
<p>Geological Survey of Finland - GTK is national geological research centre operating under the Ministry of Economic Affairs and Employment. It provides consultancy services and basic geological information essential for the assessment of raw materials, nature conservation, environmental studies, land use planning and for new applications.</p>		
Role in the project:		
<p>Leader of WP1 and expert in WP5 and in WP6: Assessment on data availability on As concentrations in water, soil and crops in Europe, participation in the development of the recommendations for sustainable management of the As risks, and participation in dissemination.</p>		

Date: 2017 March 14th