



ევროკავშირი  
საქართველოსთვის  
Project funded by the European Union

**EU4Environment**  
Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova, Ukraine

# SEA Pilot Project to Support Spatial Planning in Gurjaani

## Practical Aspects of Effective SEA Implementation

Doug Hickman  
Nova Scotia, Canada

Action implemented by:





# Example of Scoping Matrix

Planning Item	Proposed Action	Stressor	Biodiversity		Soil	Climate	Air	Water	Landscape	Protected Areas	Cultural Heritage	Health	Socio-Economic	Trans-boundary Effects
			Flora	Fauna										

## Legend

	Probable significant negative effect – to be addressed in SEA Report		Probable insignificant negative effect – will be briefly addressed in SEA Report		No significant effect or positive effect – will not be addressed in SEA Report
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Industrial															
Etc															

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Residential	New apartments for 2000 people Single family houses for 1000 people														
Industrial	Light industrial buildings – 10 ha Warehousing – 4 ha														
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Transport	New road – capacity: 500 cars/hour	Land use change Noise	Loss of habitat	Loss of habitat	Loss of high-quality agricultural soil					Ambiance of sites impacted by vehicle noise			Removal of houses	
Residential	New apartments for 2000 people Single family houses for 1000 people	Land use change Demand for environmental services	Loss of habitat	Loss of habitat	Soil pollution from Increased solid waste	Increase in GHG's from organic waste	Odour from organic waste	Increase in water demand exceeds rate of recharge						
Industrial	Light industrial buildings – 10 ha Warehousing – 4 ha	Spills of hazardous substances					Air pollution from spilled items	Water pollution from spilled items				Toxic impact of spilled items		Water pollution from spilled materials
Etc														

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