

Project 17 - Deforestation of large areas

Comments:

CATEGORY	FACTOR	COMMENTS
AIR	carbon dioxide (CO ₂)	greenhouse gases, reference 1
	methane (CH ₄)	
	non methane volatile organic compounds (NMVOCs)	greenhouse gases, volatile, flora, human health, reference 1
	oxides of nitrogen (NO _x)	acid rain, flora, fauna, greenhouse gas, reference 1
	noise	during cutting, human health
	vibration	
WATER	particulate emission - dust	
	heavy metals	
	nutrients	water quality, aquatic life
	suspended solids	
	dissolved solids	
	total solids	
	chemical oxygen demand (COD)	
	total organic carbon (TOC)	
sedimentation		
CLIMATE	greenhouse gas emissions	CO ₂ , CH ₄ , NMVOCs, NO _x
FLORA	changes in natural vegetation	
	disturbance of plant habitat	
	disturbance of natural vegetation	
	decrease in biodiversity	
	impact of threatened species	
	changes in species population	
	changes in mammal food web	
	impact on protected areas	
FAUNA	migratory changes - birds	
	migratory changes - mammals	
	disturbance of wildlife habitat	
	decrease in biodiversity	
	impact on threatened species	
	changes in species population	
	changes in mammal food web	
SOIL	soil acidification	
	soil contamination	
	erosion	
	desertification	
LANDSCAPE	land use changes	
	visual aspects	
	physical composition	
	impact on sensitive lands	
HISTORICAL MONUMENTS	palaeontological sites	
HUMAN HEALTH & SAFETY	risk of surface water contamination	runoff, leachates
	risk of ground water contamination	leachates
CULTURAL HERITAGE	cultural changes	
	land use changes	
	way of life	

CATEGORY	FACTOR	COMMENTS
SOCIO- ECONOMIC	changes to well being of life	
	changes to quality of life	
	quality of recreational facilities	
	quantity of recreational facilities	
	present use of natural resources	
	potential use of natural resources	
	employment opportunity	
	economic development - transboundary	

References

1. Proceedings of the EMEP Workshop on Emission Inventory Techniques, Regensburg, Germany, 2-5 July, 1991, EMEP/CCC-Report 1/91
2. Economic Commission for Europe Convention of Long-range Transboundary Air Pollution, Task Force on Heavy Metal Emissions, June 1994
3. Economic Commission for Europe, Convention on the Transboundary Effects of Industrial Accidents
4. Economic Commission for Europe, State of Knowledge Report of the UN ECE Task Force on Persistent Organic Pollutants
5. Recommendations to ECE Governments on the Prevention of Water Pollution from Hazardous Substances