

Environmental health research priority Areas of Nepal 2006

S.N	Broad Research Areas	Sub-Research Areas	Specific Research Areas
1	Water	Microbiological Contamination	Effectiveness of water treatment technologies such as filters, mineral water, tanker water, tap water, ground water, spring water and their quality, trend analysis of drinking water quality of various sources, alternative options of drinking water at the time of emergency such as disaster
		Chemical contamination	Arsenic, Iron, Ammonia, Fluoride, Pesticides etc and their health impact
		Sanitation	Coverage, operational research and health impact
		Water quantity	Per capita requirement and water consumption pattern
2	Air	Indoor Air Pollution (IAP)	<i>Fuel types and health impact (Improved Cooking Stoves and Biogas Installation and health outcomes etc)</i>
		Outdoor Air Pollution (OAP)	<i>Mobile and Stationary sources and health impact</i>
3	Waste	Health Care Waste	<i>Situational Analysis, Disposal Options and Health Impac</i>
		Domestic Waste Industrial Waste	
		Industrial Waste	
4	Pesticides	Biological Contamination	<i>Linkages with sanitation and waste disposal</i>
		Chemical Contamination	<i>Situational Analysis and health impact with reference to pesticide use</i>
5	Occupational Health and	Industrial Occupational Safety	Exposure Status and health outcomes

	Safety	Agricultural Safety	<i>Pesticide impact, Neurological and Muscula disorder, accident etc</i>
		Safety at Construction Site (<i>Situational Analysis, Accidents and injuries etc</i>)	<i>Situational Analysis, Accidents and injuries etc</i>
6.	Food Safety/Security	Biological contamination	
		Chemical Contamination	
		Adulteration	
		Additives and Preservatives	
		Quantity	
		Cereals, Vegetables, Oils, Animal Products, Packed Food	
7.	Climate Change	Land use change	Existing Pattern and Trend/Impact Situation Analysis
8	Road Traffic Accident (RTA)		Situational Analysis Impact (Morbidity, Disability and Mortality)
9	Noise		Status of Noise Pollution Health Impact Standardization Situation Analysis
10.	Cross Cutting Issues	Policy, Economy, KAP, Resources	