

Country: Sri Lanka  
Project Document

**Project Title**

Strategic Support to "Operationalize the Road Map Towards Safer Sri Lanka"

**UNDAF Outcome(s):**

Economic growth and social services are pro-poor, equitable, inclusive and sustainable in fulfilment of the MDGs and MDG plus, and focus in particular on the rural areas.

**Expected CP Outcome(s):**

Service providers ensure equitable access to improved quality services and economic infrastructure to vulnerable populations in disadvantaged areas

**Expected Output(s):**

Capacity and systems for effective preparedness, mitigation and response to natural and man-made disaster developed at national and sub-national levels

**Implementing Partner:**

Ministry of Disaster Management and Human Rights

**Responsible Parties:**

Disaster Management Centre and UNDP

**Brief Description**

"Road Map for Disaster Risk Management - Towards a Safer Sri Lanka" was formulated in year 2005 as the vision document for the Sri Lankan disaster management sector. The Disaster Management Centre (DMC) was entrusted with the responsibility to operationalize the Road Map. While some sections of the Road Map have been implemented with significant success, other areas are progressing at sub-optimal levels. This project aims to assist the DMC and other relevant stakeholders to implement the Road Map proposals through building their capacity and creating an enabling environment.

In addition, key deliverables of the project include the development of partnerships among key stakeholders, the identification of opportunities for mainstreaming risk reduction approaches into the socio economic development process of the country, the formulation of risk profiles to promote adaptive mechanisms for the adverse impacts of climate change, to promote research and education in relation to disaster management as a strategy to ensure preparedness and inform local early warning systems.

Programme Period: 2008-2012

Key Result Area (Strategic Plan): Energy & Environment

Atlas Award ID/Project ID: 00056796/ 00069761

Start date: May 01, 2009

End Date: Dec 31, 2011

PAC Meeting Date: Mar 19, 2009

Management Arrangements: NIM

2009 AWP budget: 746,000 USD

Total resources required [2009-11]: 2,100,000 USD

Total allocated resources [2009-11]: 2,100,000 USD

o Regular 100,000 USD

o Other: 0

o UNDP-BCPR 2,000,000 USD

Unfunded budget: 0

In-kind Contributions 0

Agreed by Ministry of Disaster Management and Human Rights:

Title and Signature: *[Signature]* Date: 28/05/2009  
Professor Rajiva Wijesinha

Secretary

Ministry of Disaster Management & Human Rights

No. 02 Wijerama Mawatha

Colombo 07

Agreed by UNDP:

Title and Signature: *[Signature]*

Date:

EXPECTED OUTPUTS	And baseline, associated indicators and annual targets	PLANNED ACTIVITIES		TIME FRAME				RESPONSIBLE PARTY	Funding Source	Budget Description	Amount
		Q 1	Q 2	Q 3	Q 4						
Capacity and systems for effective preparedness, mitigation and response to natural and man-made disaster developed at national and sub-national levels											
a). Baseline: Key agencies issuing multi hazard early warnings are connected but the dissemination systems are restricted to government entities at the district level and are not inclusive of all communities (2008)	Key Activity Result 1. Hazard, Vulnerability and Risk Report for Sri Lanka developed										
1.1. Profile of the geo-physical features of Sri Lanka developed											
a. Train the staff of technical agencies to develop hazard profiles								DMC, UNDP	UNDP-BCPR	75700- Training, Workshops and Conferences	25,000
b. Hire consultants to develop a Drought Risk Profile								DMC, UNDP	UNDP-BCPR	71300- Local consultants	25,000
1.2. Assessment of the probability and incidence of all major hazards undertaken											
a. Conduct an assessment								DMC, UNDP	UNDP-BCPR	71300- Local consultants	75,000
b. Share the assessment results with other stakeholders								DMC, UNDP	UNDP-BCPR	74200- Audio visual prod charges	10,000
1.3. Vulnerability profile for Sri Lanka developed											
a. Hire a consultant to develop vulnerability profile								DMC, UNDP	UNDP-BCPR	71300- Local consultants	25,000
b. Develop draft vulnerability profile								DMC, UNDP	UNDP-BCPR	71300- Local consultants	50,000
Key Activity Result 2. Establish Tsunami and Multi-Hazard Early Warning Systems at the District Level											
2.1. A system of integrated data collection, analysis, and systematic information-sharing under the coordination of the Disaster Management Centre developed											

Key Activity Result 3: Sustainable Disaster Risk Reduction approaches mainstreamed into Development Planning										
5,000	75700- Training, Workshops and Conferences	UNDP-BCPR	DMC, UNDP	x	x	x	x			a. Conduct trainings with communities on responding to disaster warning
2.5 Local-level communications network established to provide early warning to the community, with a special emphasis on outreach to women.										
15,000	71300-Local consultants	UNDP-BCPR	DMC, UNDP	x	x	x	x			a. Hire a consultant to conduct the study on water quality in Sri Lanka with special emphasis on its impact to soil erosion, salinity, agro chemical pollution and heavy metals
2.3 A study on surface water quality and factors affecting surface water quality in relation to the disaster management completed										
35,000	72200- Machinery and equipment	UNDP-BCPR	DMC, UNDP	x	x					a. Manufacture telemetric rain gauges
10,000	71300-Local consultants	UNDP-BCPR	DMC, UNDP					x		a. Conduct survey and ground verifications
2.2 A network of telemetric rain gauges for remote rainfall monitoring in strategic locations developed.										
5,000	72800- Information Technology Equipments	UNDP-BCPR	DMC, UNDP	x	x					b. Purchase computers and other materials to facilitate data collection and analysis
20,000	71300-Local consultants	UNDP-BCPR	DMC, UNDP					x	x	a. Hire a consultant to develop the model of integrated data collection, analysis, and systematic information-sharing system
<p>Target: All districts in Sri Lanka have a district disaster preparedness plan and a mechanism to receive and disseminate early warnings related to manmade and natural disasters (2011)</p> <p>a).Baseline: Existing mechanisms to coordinate risk reduction activities at sub national levels are weak and under developed</p> <p>b).Indicator:# of communities engaged in disaster risk reduction activities</p> <p>c).Benchmark: At least 10 community led disaster risk mitigation activities in place for replication through district planning process (2009)</p> <p>Target: At least 100 Communities systematically engaged in disaster risk reduction using a consultative planned approach (2012)</p> <p>Baseline: Appropriate tools necessary to promote risk reduction approaches among</p>										

3.1 Disaster Impact Assessments (DIA) integrated into guidelines and resource materials for conducting national environmental assessments										development planners are not readily available in Sri Lanka
a. Compile best practices for using DIA in development projects										Indicator: # of policies and guidelines adopted on disaster risk reduction
15,000	71300-Local consultants	UNDP-BCPR								
3.2 National Land Use & Physical Planning models developed at the Divisional Secretariat level										Benchmark: First draft of the National level risk profiles for landslides, floods, droughts and coastal areas are prepared and presented for validation and National Disaster Management Plan in place (2009)
15,000	71300-Local consultants	UNDP-BCPR	DMC, UNDP							
15,000	71300-Local consultants	UNDP-BCPR	DMC, UNDP							
10,000	75700-Training, Workshops and Conferences	UNDP-BCPR	DMC, UNDP	x						
3.3 A review of development controls, Building By-laws and Building Codes Completed										Related CP outcome:
a. Hire a group of consultants to review the development controls, Building By-laws and Building Codes										Service providers ensure equitable access to improved quality services and economic infrastructure to vulnerable populations in disadvantaged areas
30,000	71300-Local consultants	UNDP-BCPR	DMC, UNDP	x	x	x	x			
3.4 Financial services as risk management mechanisms for communities living at risk developed										
10,000	71300-Local consultants	UNDP-BCPR	DMC, UNDP				x	x	x	
10,000	75700-Training, Workshops and Conferences	UNDP-BCPR	DMC, UNDP	x						

Key Activity Result 4. Climate risk management at the community level promoted										
4.1 Community Level Models on Climate Change Adaptation developed and best practices shared										
a.	Identify and develop appropriate technology options required to facilitate community level climate change adaptation programmes	x	x							
b.	Establish 3 community level models of climate change adaptation	x	x	x						
	75700- Training, Workshops and Conferences	UNDP-BCPR	DMC, UNDP							75,000
c.	Promote appropriate technology options for climate change adaptations among vulnerable community groups	x	x	x						
	72600- Grants	UNDP	DMC, UNDP							10,000
d.	Establish a grant scheme to support community level programmes to adapt climate changes	x	x	x						
	72600- Grants	UNDP	DMC, UNDP							10,000
4.2 Education and awareness materials on climate risk management including on managing conflicts over natural resources developed										
a.	Develop a series of supplementary reading materials for school children on causes and consequences of climate change	x	x							
	74200- Audio visual and Production charges	UNDP-BCPR	DMC, UNDP	x	x					10,000

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	b.	Organise a National symposium on DRR related researches	DMC, UNDP	UNDP-BCPR	75700- Training, Workshops and Conferences	10,000	
	5.3 DRR research related grant schemes and risk reduction training organized for women						
	a.	Establish a special grant scheme for women researchers working on DRR related issues	DMC, UNDP	UNDP-BCPR	72600- Grants	2,000	
	b.	Establish a grant scheme for promoting research on improving the women's participation in DRR activities	DMC, UNDP	UNDP-BCPR	72600- Grants	5,000	
	c.	Livelihood approach based risk reduction training programmes organized for women's groups	DMC, UNDP	UNDP-BCPR	75700- Training, Workshops and Conferences	10,000	
	5.4 Web-based Resource and Information Centre on DRR related subjects developed						
	a.	Develop a web based resource and information centre on DRR related technologies, research initiatives and best practices	DMC, UNDP	UNDP-BCPR	74200- Audio visual and Production charges	10,000	
	b.	Develop interactive web resources to improve the awareness of school children on DRR related issues	DMC, UNDP	UNDP-BCPR	74200- Audio visual and Production charges	10,000	

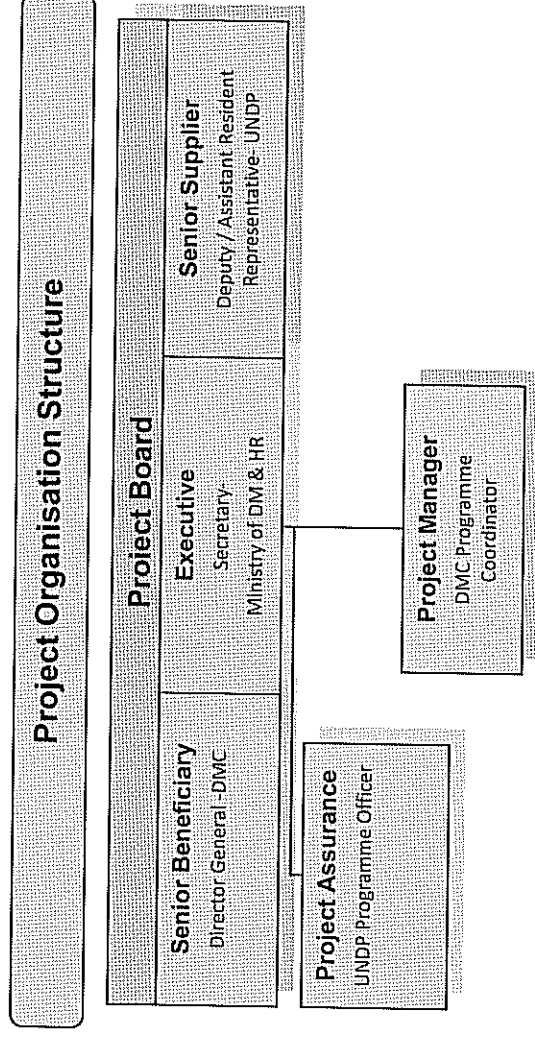
Key Activity Result 6. Ministry of Disaster Management & Human Rights supported in project implementation & management											
6.1 Project Management Arrangements in Place											
	a. International UNV	x	x	x	x						
	b. Travel	x	x	x	x						
	c. Travel	x	x	x	x						
6.2 DMC and support staff trained on gender issues and conflict sensitivity in DRR											
	a. Developing a training curricular with UNDP DRR practitioners	x	x	x	x						
	74200- Audio visual and production charges										5,000
6.3 Development of a DRM Programme Unit											
	a. Programme and Operations Associate	x	x	x	x						
	b. National Programme Officer	x	x	x	x						
	71400- Contractual Services										15,000
	71400- Contractual Services										5,000
TOTAL											
											746,000



## II. PROJECT MANAGEMENT ARRANGEMENTS:

The project will be implemented through National Implementation Modality [NIM]

The project organizational structure will be as follows:



The **Project Board** will have overall responsibility for project implementation, oversight & quality assurance. The PB will provide policy guidance and monitor the performance of the project, review progress on a periodic basis, approve progress reports and end of project reports as well as manage risks and issues. It will approve the appointment and responsibilities of the Project Manager (PM) and will define the latter's responsibilities. It will provide consensus based management decisions, when guidance is required by the PM. The extent to which the UNDP Programme Officer will be delegated quality assurance responsibilities will be determined during the first Project Board meeting, based on the frequency with which the Project Board meets and its ability to provide substantive quality control and monitoring of project planning, implementation and reporting processes. The Project Board will review and make recommendations for UNDP/Implementing Partner approval as well as authorize any major deviations in project work plans. It will also be responsible for assessing and deciding on substantive project changes through revisions. In addition, it will ensure that required resources are committed and arbitrate any conflicts within the project as well as negotiate a solution to any problems between the project and external bodies. In case a consensus cannot be reached, final decision shall rest with the UNDP Resident Representative and he or she will consult the main implementing partner before a final decision is taken.

Project reviews will take place on an annual basis (or as otherwise deemed necessary by the Project Board). The proceedings of all Project Board meetings will be recorded. The project manager should act as secretariat of the Project Board with the responsibility to call meetings, distribute information and follow up on their recommendations.

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In addition to the regular members of the Project Board, representatives from the Government and Beneficiary groups will be invited to participate as observers in Project Board meetings. They will include: External Resources Department, Ministry of Local Government, Ministry of Education, Ministry of Environment, including the Climate Change Secretariat, the University Grants Commission and Chamber of Commerce.

**The Secretary to the Ministry of Disaster Management and Human Rights** will serve as the Executive and will have ultimate responsibility for the project, supported by the Senior Beneficiary and Senior Supplier. As part of the responsibilities of the Project Board, the Executive will ensure that the project is focused, throughout the project cycle, on achieving outputs that will contribute to higher level outcomes. Additional responsibilities include monitoring and controlling the progress of the project at a strategic level [i.e. contribution to national priorities], ensuring that risks are being tracked and mitigated as effectively as possible and organizing, chairing and ensuring that the Project Board meet in a timely manner, as stipulated in the project document. The Senior Executive will be responsible for approving and signing the Annual Work Plan (AWP) for the following year on behalf of the Implementing Partner as well as approving and signing the Combined Delivery Report (CDR) at the end of the year. The Senior Executive will be responsible for delegating authority to a Responsible Officer within the Ministry for signature of the Funding Authorization and Certificate of Expenditures (FACE) form as well as any other project related documentation.

**The Deputy Resident Representative (Programme) or Assistant Resident Representative – Energy, Environment and Disaster Risk Management of UNDP** will represent the interests of those designing and developing the project deliverables and providing project resources. The primary function of the Senior Supplier will be to provide guidance regarding the technical feasibility of the project. The Senior Supplier will have authority to commit or acquire supplier resources as required. As part of the responsibilities of the Project Board, Senior Supplier will advise on the selection of the strategy, design and methods to carry out project activities. Quality assurance and oversight roles include ensuring that standards defined for the project are met and used to good effect, monitoring potential changes and their impact on the quality of deliverables and monitoring any risks in project implementation. Within the context of the Project Board, the Senior Supplier will also be responsible for ensuring that progress towards outputs remains consistent, contributing the supplier's perspective & opinions on implementing any proposed changes and arbitrating on and ensuring resolution of input/resource related priorities or conflicts.

**The Director General of Disaster Management Centre** will serve as the Senior Beneficiary with the primary function of ensuring the realization of project results from the perspective of project beneficiaries. As part of the responsibilities for the Project Board, the Senior Beneficiary will be responsible for ensuring that specification of the Beneficiary's needs are accurate, complete and unambiguous, implementation of activities at all stages is monitored to ensure that they will meet the beneficiary's needs and are progressing towards identified targets, impact of potential changes is evaluated from the beneficiary point of view, risks to the beneficiaries are frequently monitored, providing the opinion of beneficiaries of implementation of any proposed changes, and helping to resolve priority conflicts.

**The Project Manager (PM)**, as appointed by the Implementing Partner, will have the authority to run the project on a day-to-day basis on behalf of and within the constraints outlined by the Project Board. The Project Manager is responsible for project implementation, financial management, administration, monitoring and reporting. This includes providing direction and guidance to the project team and responsible party (ies) and liaising with the Project Board & UNDP Programme Officer to monitor the direction and integrity of the project. Under the guidance of the Executive of the Project Board, the PM

shall ensure efficient coordination efforts between the project, UNDP, and other concerned agencies. The PM should act as secretariat of the Project Board with the responsibility to call meetings, distribute information and follow up on their recommendations. The PM will be responsible for managing the realization of project outputs through activities as specified in a jointly (UNDP-Disaster Management Centre) agreed annual work plan and within specified constraints of time and cost. This includes: planning activities, preparing annual work plans & monitoring progress against quality criteria; monitoring events and updating the Monitoring & Communication Plan; liaising with any suppliers to mobilize goods and services to initiative activities; monitoring financial resources & accounting to ensure accuracy & reliability of financial reports; managing requests for the provision of financial resources using advance of funds, direct payments, or reimbursement using the FACE (Fund Authorization and Certificate of Expenditures); managing, monitoring and updating the project risks as initially identified and submitting new risks to the Project Board for consideration and decision on possible actions; managing issues & requests for change by maintaining an Issues Log; preparing the Project Quarterly Progress, Annual and Final Reports and submitting reports to the Project Board and UNDP Programme Officer and managing and facilitating transfer of project deliverables, documents, files, equipment and materials to national beneficiaries at project closure.

As required additional staff may be added for the purposes of providing **project administration, knowledge management and network development support to the Project Manager.**

As delegated by the Project Board, the designated **UNDP Programme Officer, supported by the UNDP Programme Associate** will serve as **Project Assurance**. In undertaking this role, the UNDP Programme Officer will take action to address as well as alert the Project Board of issues with regard to project quality assurance such as alignment with the overall Country Programme, availability of funds, observation of UNDP rules and regulations and adherence to Project Board decisions. The UNDP Programme Officer will assist the Project Board by performing some oversight activities, such as periodic monitoring visits and "spot checks," ensuring that revisions are managed in line with the required procedures, RMG monitoring and reporting requirements and standards are maintained, Project output(s) & activities, including description and quality criteria, risks and issues are properly recorded and are regularly updated in Atlas. The UNDP Programme Officer will also assist the Project Board in ensuring that the project follows the approved plans, meets planned targets as well as project Quarterly Progress Reports are prepared and submitted on time, and according to standards. During project closure, the UNDP Programme Officer will work to ensure that the project is operationally closed in Atlas, financial transactions are in Atlas based on final accounting of expenditures and project accounts are closed and status set in Atlas accordingly.

### III. Financial Procedures

This project is funded by United Nations Bureau for Crisis Prevention and Recovery and UNDP regular resources.

Under the Harmonized Cash Transfer system (HACT) to be introduced by the UN EXCOM Agencies (UNDP, UNICEF, WFP and UNFPA) as part of the UN reform commitment to reduce transaction costs on implementing partners, four modalities of payments are foreseen for nationally implemented projects. They include: 1) Prior to the start of activities against agreed work plan cash transferred (direct cash transfer) to the Treasury, Ministry of Finance and Planning, for forwarding to the Implementing Partner; 2) Reimbursements after completion of eligible activities by the Implementing Partner; 3) Direct payment to vendors or third parties for obligations incurred by the Implementing Partners on the basis of requests signed by the designated official of the Implementing Partner; 4) Direct payments to vendors or third parties for obligations incurred by UN agencies in support of activities agreed with Implementing Partners.

In order to receive the funds advanced by UNDP, the IP/project must either: a). Open a bank account, under the name of the project, to be used only for receiving UNDP advances and to make payments of the project; or b). In agreement with UNDP's Project Manager, identify an existing bank account under the IP's name, that would be used solely for the purposes of receiving UNDP advances to the project and making payments with these advances. Under no circumstances will the Direct Cash Transfer Modality be used to advance funds to any individual inside or any entity or individual outside of the Implementing Partner or to any account other than the identified official project bank account. As per requirements under the Harmonized Cash Transfer (HACT) system, direct payments will be the preferred modality applied to the project until completion of a satisfactory assessment of the financial management systems and internal control frameworks of the Commission as the project implementing Partner.

It will be the responsibility of the PM to liaise with the UNDP Programme Associate to prepare a consolidated Fund Authorisation and Certification of Expenditure [FACE] form, in the required format, and provide it to UNDP at regular and necessary intervals.

Under the project's national implementation arrangement (NIM) Government guidelines for competitive procurement of goods and services (advertising, tender bidding, evaluation, and approval) in line with international standards will apply for all project-related activities.

Upon specific request of the implementing partner UNDP can in line with UNDP procurement policy provide procurement and recruitment services to the implementing partner including:

- a). Identification and recruitment of project and programme personnel
- b). Identification and facilitation of training activities
- c). Procurement of goods and services

As per the letter of agreement between the Government of Sri Lanka and UNDP for the provision of support services signed on 5th July 2002, UNDP shall recover the cost of providing the support services

outlined above. The rate of the cost recovery is up to 3% on the value of the amount of the contracts of the services to be procured or obtained through UNDP [See attached letter]

In accordance with the decisions and directives of UNDP's Executive Board, the total contribution shall be charged a fee equal to **7%** to cover the cost of general management support (GMS) services provided by UNDP headquarters and country offices;

It will be the responsibility of the beneficiary line ministry or government institution to ensure the settlement of all duties/taxes/levies/VAT on imported goods and services at the point of clearing from Sri Lanka Customs as well as all VAT and other statutory levies applicable and payable on local procurement of goods and services. The UNDP bears no responsibility whatsoever in the settlement of Government of Sri Lanka duties/taxes/levies/VAT on all imported and local procurement of goods and services.

The Implementing Partner will be audited periodically as per the annual audit plan prepared by the government coordinating authority in consultation with the UNDP Sri Lanka. **The Ministry of Human Rights and Disaster Management** will be responsible for ensuring that all audit requirements are met.

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### Quality Management for Project Activity Results

<b>OUTPUT:</b> Capacity and systems for effective preparedness, mitigation and response to natural and man-made disaster developed at national and sub-national levels			
<b>Activity Result 1 (Atlas Activity ID)</b>	Hazard, Vulnerability and Risk Report for Sri Lanka developed	Start Date: 01 May 2009 End Date: 31 Dec 2010	
<b>Purpose</b>	<i>To comprehensively understand the frequency, geographical spread and the impact of socio economic related natural disasters on Sri Lanka</i>		
<b>Description</b>	1.1. Profile of the geo-physical features of Sri Lanka developed 1.2. Assessment of the probability and incidence of all major hazards undertaken 1.3. Vulnerability profile for Sri Lanka developed 1.4. A national multi-hazard Risk and Vulnerability Report Developed		
<b>Quality Criteria</b>	<b>Quality Method</b>	<b>Date of Assessment</b>	
1.1 Landslide hazard profile for 10 districts available	Progress Reports, Review of the Landslide Risk Profile	31 Dec 2010	
1.1 National drought hazard profile available	Progress Reports, Review of the Drought Risk Profile	31 Dec 2010	
1.1 Coastal hazard profile for 6 districts available	Progress Reports, Review of the Coastal Risk Profile	31 Dec 2010	
1.1 Flood hazard profile for 4 districts available	Progress Reports, Review of the Flood Risk Profile	31 Dec 2010	
1. 2. Assessment on the probability of occurrence of all major hazards (drought, flood, landslide, cyclone and coastal hazards) conducted in minimum of 20 districts	Review of Assessment report	30 Nov 2010	
1. 3. Assessment of socio-economic indicators underlying vulnerability, which include an analysis of poverty, homelessness, food security and gender inequality conducted in minimum of 20 districts	Progress reports, Review of Vulnerability profile	30 Aug 2010	
1. 4. National multi-hazard Risk profile consisting of hazard and vulnerability profiles developed and is available for sharing	Review of Sri Lanka National Risk Profile, Project Progress Reports	31 Dec 2011	
<b>Activity Result 2 (Atlas Activity ID)</b>	<b>Strengthening of Tsunami and Multi-Hazard Early Warning System at the District Level</b>		Start Date: 01 May 2009 End Date: 31 Dec 2011
<b>Purpose</b>	<i>To facilitate disaster preparedness for communities living under vulnerable conditions</i>		
<b>Description</b>	2.1 Develop a system of integrated data collection, analysis, and systematic information-sharing under the coordination of the Disaster Management Centre 2.2 A network of telemetric rain gauges for remote rainfall monitoring in strategic locations developed. 2.3 A study on surface water quality and factors affecting surface water quality in relation to the disaster management completed 2.4 Data on rainfall and river flow in major flood prone rivers made available to the public 2.5 Local-level communications network established to provide early warning to the community, with a special emphasis on outreach to women		

Quality Criteria	Quality Method	Date of Assessment
2.1 Web based data collection, analysis, and systematic information-sharing system available for sharing risk reduction related information	Progress Reports	30 June 2010
2.2 Minimum of 50 communities vulnerable to landslides and / or floods have a telemetric rain gauge based early warning system ensuring community preparedness	Review of early warnings issued by DMC and NBRO, Project Progress Reports	30 June 2010
2.3 Study on surface water quality in relation to heavy metals, pesticide residues and salinity conducted covering minimum of 5 districts in Sri Lanka	Review of study	30 Sept 2010
2.4 Minimum of 10 computers with relevant software available for networking	Hardware and software purchased, site visitation	30 June 2010
2.5 Minimum of 5 local-level communications networks available for providing early warnings to the community	Newspaper articles, Photographs, IT equipments	31 Dec 2010
2.5 Minimum of 60% of focal points appointed for local early warning dissemination through the local networks are women	Survey reports with disaggregated data	31 Dec 2011

Activity Result 3 (Atlas Activity ID)	Disaster Mitigation and Integration of DRR into Development Planning	Start Date: 01 May 2009 End Date: 31 Dec 2011
<b>Purpose</b>	<i>To reduce the risks caused by socio economic related natural disasters by way of structural preparedness measures taken</i>	
<b>Description</b>	<p>3.1 Disaster Impact Assessments (DIA) integrated into guidelines and resource materials for conducting national environmental assessments</p> <p>3.2 National Land Use &amp; Physical Planning models developed at the Divisional Secretariat level</p> <p>3.3 A review of development controls, Building By-laws and Building Codes Completed</p> <p>3.4 Financial services as risk management mechanisms for communities living at risk developed</p>	
Quality Criteria	Quality Method	Date of Assessment
3.1 Guidelines developed and Disaster Impact Assessments (DIA) integrated into the Initial Environment Examination (IEE) and Environmental Impact Assessments (EIA) processes	Review of guidelines on integrating DIA into IEE and EIA processes	30 June 2010
3.2 Minimum of 2 provincial Councils pass legislation on National Land Use & Physical Planning Policy recommendations	Review of legislative reforms at provincial level	31 Dec 2010
3.3 Review conducted of development controls, Building By-laws and Building Codes at national level	Review of report	30 June 2010
3.4 Minimum of 2 financial services promoted among identified most vulnerable communities living in Sri Lanka	Progress Reports	30 June 2010

<b>Activity Result 4 (Atlas Activity ID)</b>	<b>Climate risk management at the community level promoted</b>		<b>Start Date:</b> 01 May 2009 <b>End Date:</b> 31 Dec 2011
<b>Purpose</b>	<i>To promote climate change adaptation technologies among vulnerable communities as a risk reduction measure towards protection of livelihoods and natural resources</i>		
<b>Description</b>	<p>4.1 Community Level Models on Climate Change Adaptation developed and best practices shared</p> <p>4.2 Education and awareness materials on climate risk management including on managing conflicts over natural resources developed</p> <p>4.3 Ridge- to Reef coordinated watershed based approaches, to facilitate adaptation measures, developed</p>		
<b>Quality Criteria</b>	<b>Quality Method</b>	<b>Date of Assessment</b>	
4.1 Climate change adaptation techniques introduced to minimum of 1500 people in three communities	Project Progress Reports	31 Dec 2011	
4.2 Minimum of 5,000 people request more information on climate risk reduction technologies from the DMC as a consequence of their exposure to knowledge dissemination conducted	Review of technical support service reports	31 Dec 2011	
4.3 Minimum of 2 holistic management plans developed for 2 identified watersheds	Review of Watershed development action plans	31 Dec 2010	

<b>Activity Result 5 (Atlas Activity ID)</b>	<b>Research and Education in DRR</b>		<b>Start Date:</b> 01 <sup>st</sup> May 2009 <b>End Date:</b> 31 <sup>st</sup> Dec 2011
<b>Purpose</b>	<i>To promote research and education on disaster risk reduction for developing a formalized culture of risk reduction in Sri Lanka</i>		
<b>Description</b>	<p>5.1 DRR promoted as a optional subject in formal secondary education system</p> <p>5.2 Partnerships developed with Research Institutions on Community based disaster risk reduction</p> <p>5.3 Training organized for women to enhance women's participation in DRM research and development</p> <p>5.4 Web-based Resource and Information Centre on DRR related subjects developed</p>		
<b>Quality Criteria</b>	<b>Quality Method</b>	<b>Date of Assessment</b>	
5.1 Minimum of 3 postgraduate level curricula developed on DRR related fields	Project Progress Reports, Review of Curriculum	31 Dec 2011	
5.1 Minimum of 50 school teachers trained on DRR	Training workshop reports, project progress reports	June 2011	
5.1 Minimum of 300 schools supported for teaching DRR as an optional subject	Project progress reports	June 2011	
5.1 Minimum of 40 applicants apply for and minimum of 10 grants given through the research grant scheme	Grant applications, research papers	June 2011	
5.2 Minimum of 3 partnerships developed	Partnership agreements	31 Dec 2011	



with research institutes		
5.3 Minimum of 500 women trained in 10 districts on DRR related issues	Training workshop reports	31 Dec 2011
5.4 Minimum of 1000 users visit the web resource centre per year	Web site visitors tracking reports	31 Dec 2011

<b>Activity Result 6 (Atlas Activity ID)</b>	<b>Ministry of Disaster Management &amp; Human Rights supported in project implementation &amp; management</b>	<b>Start Date: 01 May 2009 End Date: 31 Dec 2011</b>
<b>Purpose</b>	<i>Support the Implementing partner to deliver the project deliverables within the given resource limitations of the project and time prescribed</i>	
<b>Description</b>	6.1 Project Management Arrangements in Place 6.2 DMC and support staff trained on gender issues and conflict sensitivity in DRR 6.3 Development of a DRM Programme Unit	
<b>Quality Criteria</b>	<b>Quality Method</b>	<b>Date of Assessment</b>
6.1 Training curricular on incorporating gender and conflict sensitivity in DRR in place and used in a minimum of 5 training programmes	Project Progress Reports, Training reports	31 Dec 2011

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## IV. Legal Context

This document together with the CPAP signed by the Government and UNDP which is incorporated by reference constitute together a Project Document as referred to in the SBAA [or other appropriate governing agreement] and all CPAP provisions apply to this document.

Consistent with the Article III of the Standard Basic Assistance Agreement, the responsibility for the safety and security of the implementing partner and its personnel and property, and of UNDP's property in the implementing partner's custody, rests with the implementing partner.

The implementing partner shall:

- a) put in place an appropriate security plan and maintain the security plan, taking into account the security situation in the country where the project is being carried;
- b) assume all risks and liabilities related to the implementing partner's security, and the full implementation of the security plan.

UNDP reserves the right to verify whether such a plan is in place, and to suggest modifications to the plan when necessary. Failure to maintain and implement an appropriate security plan as required hereunder shall be deemed a breach of this agreement.

The implementing partner agrees to undertake all reasonable efforts to ensure that none of the UNDP funds received pursuant to the Project Document are used to provide support to individuals or entities associated with terrorism and that the recipients of any amounts provided by UNDP hereunder do not appear on the list maintained by the Security Council Committee established pursuant to resolution 1267 (1999). The list can be accessed via <http://www.un.org/Docs/sc/committees/1267/1267ListEng.htm>. This provision must be included in all sub-contracts or sub-agreements entered into under this Project Document".

Annex 1: Risks Log

#	Description	Type	Impact & Probability	Countermeasures / Mngt response	Owner
1	Changes in operational context	Environmental	Potential changes have been anticipated and reflected in project design. Activities are mainly concentrated in areas characterised by stability in terms of its operational environment. P = 2 I = 4	The project will adopt a flexible approach to implementation. Activities are highly transferable and are not limited to any one specific geographical context.	Programme officer- UNDP

*[Handwritten mark]*

Annex II: Annual Work Plan [Year: 2009-2011]

EXPECTED OUTPUTS	And baseline, associated indicators and annual targets	PLANNED ACTIVITIES	TIME FRAME			RESPONSIBLE PARTY	Funding Source	Budget Description	Amount
			2009	2010	2011				
Capacity and systems for effective preparedness, mitigation and response to natural and man-made disaster developed at national and sub-national levels									
a).Baseline: Key agencies issuing multi hazard early warnings are connected but the dissemination systems are restricted to government entities at the district level and are not inclusive of all communities (2008)									
b).Indicator: # of districts with preparedness and early warning systems developed									
c).Benchmark: 19 districts in Sri Lanka to have a early warning dissemination plan for natural disasters (2009)									
Target: All districts in Sri Lanka have a district disaster preparedness plan and a mechanism to receive and disseminate early warnings related to manmade and natural									
Key Activity Result 1. Hazard, Vulnerability and Risk Report for Sri Lanka developed									
1.1. Profile of the geo-physical features of Sri Lanka developed									
		a. Train the staff of technical agencies to develop hazard profiles	X			DMC, UNDP	UNDP-BCPR	75700- Training, Workshops and Conferences	25,000
		b. Hire consultants to develop a Drought Risk Profile	X			DMC, UNDP	UNDP-BCPR	71300- Local consultants	25,000
1.2. Assessment of the probability and incidence of all major hazards undertaken									
		a. Conduct an assessment	X			DMC, UNDP	UNDP-BCPR	71300- Local consultants	75,000
		b. Share the assessment results with other stakeholders	X			DMC, UNDP	UNDP-BCPR	74200- Audio visual prod charges	10,000
		c. Validate the assessment findings	X			DMC, UNDP	UNDP-BCPR	75700- Training, Workshops and Conferences	5,000
1.3. Vulnerability profile for Sri Lanka developed									
		a. Hire a consultant to develop vulnerability profile	X			DMC, UNDP	UNDP-BCPR	71300- Local consultants	25,000
		b. Develop draft vulnerability profile	X			DMC, UNDP	UNDP-BCPR	71300- Local consultants	50,000
		c. Share the draft vulnerability profile with stakeholders	X			DMC, UNDP	UNDP-BCPR	74200- Audio visual prod charges	5,000
		d. Validate the assessment findings	X			DMC, UNDP	UNDP-BCPR	75700- Training, Workshops and Conferences	5,000
1.4. A national multi-hazard Risk and Vulnerability Report Developed									
		a. Hire consultant	X			DMC, UNDP	UNDP-BCPR	71300- Local consultants	25,000
		b. Develop the risk profiles of Sri Lanka	X			DMC, UNDP	UNDP-BCPR	74200- Audio visual prod charges	40,000

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<b>disasters (2011)</b>									
<b>a).Baseline: Existing mechanisms to coordinate risk reduction activities at sub national levels are weak and under developed</b>									
<b>b).Indicator:# of communities engaged in disaster risk reduction activities</b>									
<b>c).Benchmark: At least 10 community led disaster risk mitigation activities in place for replication through district planning process (2009)</b>									
<b>Target: At least 100 Communities systematically engaged in disaster risk reduction using a consultative planned approach (2012)</b>									
<b>a). Baseline: The only disaster risk reduction tool available at the end of 2008 was the historical data for 30 years in 9 districts. Disaster risk awareness tools available lack local context.</b>									
<b>2.1 A system of integrated data collection, analysis, and systematic information-sharing under the coordination of the Disaster Management Centre developed</b>									
<b>Key Activity Result 2. Establish Tsunami and Multi-Hazard Early Warning Systems at the District Level</b>									
75700- Training, Workshops and Conferences									
10,000		UNDP-BCPR							
2.1 A system of integrated data collection, analysis, and systematic information-sharing under the coordination of the Disaster Management Centre developed									
a. Hire a consultant to develop the model of integrated data collection, analysis, and systematic information-sharing system									
		UNDP-BCPR	UNDP-BCPR	DMC, UNDP					
20,000	consultants	71300-Local							
b. Purchase computers and other materials to facilitate data collection and analysis									
		UNDP-BCPR	UNDP-BCPR	DMC, UNDP					
40,000	Information Technology Equipments	72800-							
2.2 A network of telemetric rain gauges for remote rainfall monitoring in strategic locations developed.									
a. Conduct survey and ground verifications									
		UNDP-BCPR	UNDP-BCPR	DMC, UNDP					
10,000	consultants	71300-Local							
b. Manufacture telemetric rain gauges									
		UNDP-BCPR	UNDP-BCPR	DMC, UNDP					
60,000	Machinery and equipment	72200-							
c. Establish a telemetric rain gauge network									
		UNDP-BCPR	UNDP-BCPR	DMC, UNDP					
5,000	consultants	71300-Local							
2.3 A study on surface water quality and factors affecting surface water quality in relation to the disaster management completed									
a. Hire a consultant to conduct the study on water quality in Sri Lanka with special emphasis on its impact to soil erosion, salinity, agro chemical pollution and heavy metals									
		UNDP-BCPR	UNDP-BCPR	DMC, UNDP					
25,000	consultants	71300-Local							
b. Share the findings of the study with other participants									
		UNDP-BCPR	UNDP-BCPR	DMC, UNDP					
15,000	Workshops and Conferences	75700- Training,							

<p><b>Related CP outcome:</b> Service providers ensure equitable access to improved quality services and economic infrastructure to vulnerable populations in disadvantaged areas</p>	<p><b>2.4</b> Data on rainfall and river flow in major flood prone rivers made available to the public</p>	c.	Conduct awareness creation meetings with communities on causes and consequences of water quality status					X	X		DMC, UNDP	UNDP-BCPR	75700- Training, Workshops and Conferences	40,000		
		a.	Purchase data loggers required for collecting and analysing data					X				DMC, UNDP	UNDP-BCPR	72800- Information Technology Equipments	35,000	
		b.	Promote usage of real time data usage among general public and school children						X	X			UNDP-BCPR	75700- Training, Workshops and Conferences	10,000	
		<p><b>2.5</b> Local-level communications network established to provide early warning to the community, with a special emphasis on outreach to women</p>														
		a.	Conduct trainings with communities on responding to disaster warning						X				DMC, UNDP	UNDP-BCPR	75700- Training, Workshops and Conferences	30,000
		b.	Train and provide inputs to teachers in order to facilitate extracurricular activities on disaster preparedness in primary and secondary schools							X	X		DMC, UNDP	UNDP-BCPR	74200- Audio visual and Production charges	20,000
		<p><b>Key Activity Result 3. Sustainable Disaster Risk Reduction approaches mainstreamed into Development Planning</b></p>														
		<p><b>3.1</b> Disaster Impact Assessments (DIA) integrated into guidelines and resource materials for conducting national environmental assessments</p>														
		a.	Compile best practices for using DIA in development projects	X									DMC, UNDP	UNDP-BCPR	71300- Local consultants	15,000
		b.	Develop technical briefs on how to conduct a DIA						X				DMC, UNDP	UNDP-BCPR	71300- Local consultants	20,000
c.	Develop guidelines and resource materials on how to incorporate DIA into Environmental Impact Assessment							X			DMC, UNDP	UNDP-BCPR	71300- Local consultants	15,000		
d.	Train professionals [GoSL and UN Agency including TRP] to incorporate DIA into EIAs							X	X		DMC, UNDP	UNDP-BCPR	75700- Training, Workshops and Conferences	30,000		

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3.2 National Land Use & Physical Planning models developed at the Divisional Secretariat level									
a.	Identify the issues related to the enforcement of the National Land Use and Physical Planning policy	X							15,000
b.	Share the identified issues with the authorities and develop an action plan to address the gaps	X							10,000
c.	Train the officials of enforcement authorities to address the gaps identified	X							30,000
d.	Prepare and implement land use plans for one conflict affected community and two other communities	X							30,000
e.	Provide equipment and tools for local government authorities to implement best practices of land use planning	X	X						20,000
3.3 A review of development controls, Building By-laws and Building Codes Completed									
a.	Hire a group of consultants to review the development controls, Building By-laws and Building Codes	X							30,000
b.	Draft the development controls, Building By-laws and Building Codes addressing the issues identified	X							30,000
c.	Share the new versions of development controls, Building By-laws and Building Codes among key stakeholders	X							10,000
a.	71300- Local consultants	UNDP- BCPR	DMC, UNDP						15,000
b.	75700- Training, Workshops and Conferences	UNDP- BCPR	DMC, UNDP						10,000
c.	75700- Training, Workshops and Conferences to address the gaps	UNDP- BCPR	DMC, UNDP						30,000
d.	71300- Local consultants	UNDP- BCPR	DMC, UNDP						30,000
e.	72200- Equipment and Furniture	UNDP- BCPR	DMC, UNDP						20,000
a.	71300- Local consultants	UNDP- BCPR	DMC, UNDP						30,000
b.	74200- Audio Visual and Production charges	UNDP- BCPR	DMC, UNDP						30,000
c.	75700- Training, Workshops and Conferences	UNDP- BCPR	DMC, UNDP						10,000









Key Activity Result 6: Ministry of Disaster Management & Human Rights supported in project implementation & management																		
40,000	75700- Training, Workshops and Conferences	UNDP- BCPR	DMC, UNDP	X	X	X	X	X	c. Livelihood approach based risk reduction training programmes organized for women's groups									
									5.4 Web-based Resource and Information Centre on DRR related subjects developed									
									a. Develop a web based resource and information centre on DRR related technologies, research initiatives and best practices									
15,000	74200- Audio visual and Production charges	UNDP- BCPR	DMC, UNDP	X	X	X	X	X	b. Develop interactive web resources to improve the awareness of school children on DRR related issues									
									6.1 Project Management Arrangements in Place									
150,000	71500- UN Volunteers	UNDP- BCPR	DMC, UNDP	X	X	X	X	X	a. International UNV									
									b. Travel									
									c. Travel									
20,000	71600- Travel	UNDP- BCPR	DMC, UNDP	X	X	X	X	X	6.2 DMC and support staff trained on gender issues and conflict sensitivity in DRR									
									a. Developing a training curriculum for DRR practitioners									
									b. Conduct two training programmes annually									
30,000	75700- Training, Workshops and Conferences	UNDP- BCPR	DMC, UNDP	X	X	X	X	X	6.3 Development of a DRM Programme Unit									
									a. Operations and Programme Associate									
									b. National Programme Officer									
25,000	71400- Contractual Services	UNDP- BCPR	UNDP	X	X	X	X	X	2,100,000									
										TOTAL								

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