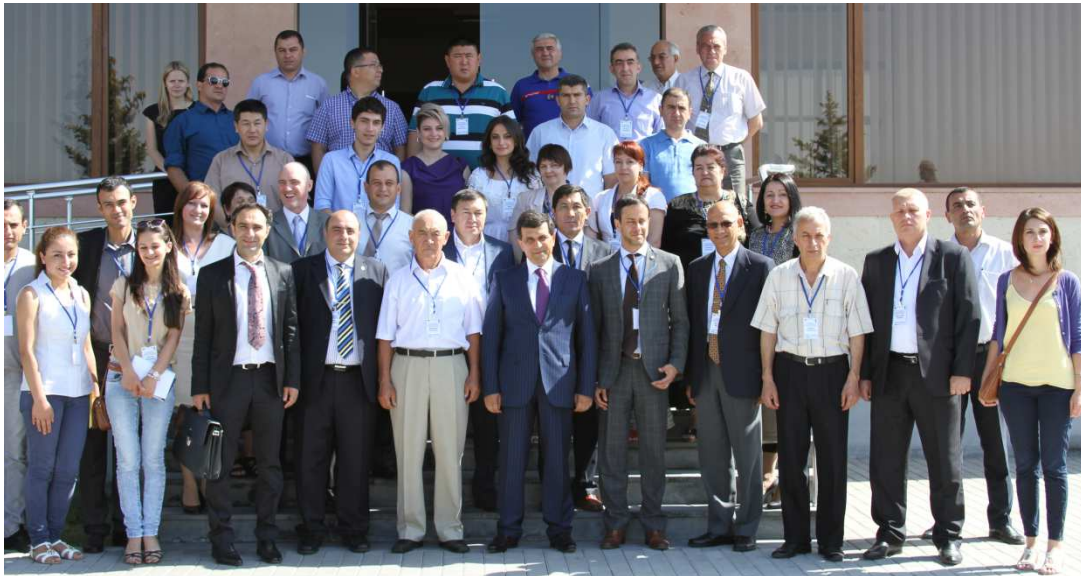


## FINAL REPORT

### UNISDR ONEA/GETI and Ministry of Emergency Situations (MoES) of the Republic of Armenia Joint Training Workshop on

**Mainstreaming Climate Change Adaptation and Disaster Risk Reduction for Sustainable Development**

*July 01-04, 2014, Yerevan, Republic of Armenia*



## I. Introduction

Over the past 20 years disasters have affected 4.4 billion people, caused USD 2 trillion of damage and killed 1.3 million people. Natural disasters affected people living in developing countries and the most vulnerable communities within those countries. Over 95 percent of people killed by natural disasters are from developing countries.<sup>1</sup>

The Asia Region is the world's most vulnerable region when it comes to natural disasters. According to the World Disaster Report released by International Federation of the Red Crescent, as many as 85 percent of the people reported affected by disasters belonged to the Asia Region in the period 2000-2009.

Urban risk is continually increasing. It has been estimated that, more than 50 per cent of the world's population is living in urban areas. Urbanization is taking place at an unprecedented rate. In the next 20 years, the world's

<sup>1</sup> Extreme Weather and Natural Disasters, 2012

population is predicted to increase by an additional two billion. By 2030 more than 60% of the world's population is expected to live in cities, with record concentrations in large urban conglomerations and megacities in the developing world. Vulnerability of cities to disasters is on the rise especially as poor people settle in high-risk urban areas. Unfortunately, planning and development of cities has given little consideration to the consequences of hazards such as earthquakes, hydro-meteorological risks and others. The implication of this reality is the need for countries to focus their collective energies to create a safer world for urban dwellers and develop a series of innovative approaches to meet this challenge.

In this regard, building resilience and adapting to climate change is crucial for cities especially those in the Asia-Pacific region. Efforts to build resilience in cities can benefit from integrating disaster risk reduction and climate change adaptation with existing efforts in disaster risk reduction and other similar planning processes.

On **01-04 July 2014**, the UNISDR Office for Northeast Asia and Global Education and Training Institute (UNISDR-GETI) convened a 3-day **Training Workshop on Mainstreaming Climate Change Adaptation and Disaster Risk Reduction for Sustainable Development** in Yerevan, Armenia in close partnership and as a part of Joint training initiative with Ministry of Emergency Situations (MoES) of the Republic of Armenia in Yerevan, Armenia.

This capacity building/ training workshop while promoting the importance of effective climate change adaptation and disaster risk reduction brought together high level national and city officials from Mongolia in an effort to:

- Increase political commitment and social demand for disaster resilient development, adapted for climate change, aiming for sustainable development.
- Increase engagement of national actors in the field of national development and planning with the DRR and CCA Agenda and enhance country planners and decision makers' ability and commitment to promote DRR and CCA through relevant systems, policies and processes.
- Learn about the Making Cities Resilient Global Campaign and how its tools, materials and approaches may be used to build local resilience to disasters.
- Building capacities of experts and officials at local level with a focus on countries/ cities Resilience Action Plans development and implementation based on MCR Campaign 10 Essentials to make their cities resilient to disasters.

A summary of the key training topics presented at the training workshop, and points raised during group exercises and plenary discussions is provided below.



## II. Training Course Modules Description and Recourse Persons

The training course was divided in three main sections and 9 modules, as described below (see table 1 for a summary of the modules):

### **Section 1: Introduction, conceptual framework (Module 1)**

Provided review of the conceptual framework and focused on analysing current trends in urban risk and risk reduction

### **Section 2: Understanding and implementing the MCR tools (Modules 2 to 6)**

This is the central part of the course. The different sessions were delivered aiming to improve participant's knowledge and skills to effectively implement MCR campaign tools, in particular the 10 essentials and the MCR Local Government Self-Assessment Tool (LG-SAT) and proposed roadmap with steps and approach to develop draft outline of the Safe and Resilient City Action Plan with its list of objectives, activities and indicators of success to enable the Action Plan effective implementation, monitoring and evaluation.

### **Section 3: Planning the way forward (Module 7)**

- Section 3 Modules provided opportunity to participants to share and analyse city-to-city exchange experiences and looking for the elements that make them successful. The purpose here is to explore options for supporting risk management capacity development at local level. They also facilitated group discussions and planning among participants the strategy on how they will continue the work done at the workshop when they go back to their respective countries and what steps they have to take to finalise the draft Action Plan and ensure its effective implementation.

**Table # 1** below summarizes the three main sections and its modules

Section	Modules
Official Opening	<a href="#">Opening Session and CDMCR Course Introduction</a>
<b>Section 1: DRR Concepts &amp; Tendencies</b>	<a href="#">Module 1: Risk Reduction Concepts (in the context of the Making Cities Resilient Campaign) and Current Tendencies in Urban Risk and Risk Reduction</a>
<b>Section 2: Understanding Adapting and Using the MCR tools to develop Safe and Resilient Cities Action Plan</b>	<a href="#">Module 2: Getting to know the MCR Campaign and key MCR tools Cases Studies for each of 10 Essentials</a>
	<a href="#">Module 3: Applying the MCR tools, to conduct diagnosis and assessment</a>
	<a href="#">Module 4: Introducing Risk based land use planning process. Introducing the case study. Mainstreaming DRR and CCA for Sustainable Development- <i>Sectoral Programmes: Climate Change, Environment, Governance, Critical Infrastructure, Housing, Livelihood Protection, Financing DRR.</i></a>
	<a href="#">Module 5: Developing and implementing Safe and Resilient City Action Plan. Proposed Roadmap with Steps and the Approach.</a>
	<a href="#">Module 6: Setting Indicators for City Action Plan Monitoring, Evaluating and Follow up</a>
<b>Section 3: Planning the way forward</b>	<a href="#">Module 7: Building Effective Partnerships and Developing a Strategy/Roadmap for Scaling-up Safe and Resilient Cities Action Plans</a>
	<a href="#">Module 8: Sharing experiences, best practices and models for City-to-City learning and capacity development programs</a>
	<a href="#">Module# 9: Facilitation Skills</a>

### UNISDR ONEA/GETI Workshop Resource Persons:

- Mr. Sanjaya BHATIA (Head of the Office, UNISDR ONEA/GETI)
- Mr. Armen ROSTOMYAN (Programme Officer UNISDR ONEA/GETI)



### III. Methodology and Description of the Workshop Sessions and Modules

The following is a list of achieved outcomes for each Module and Group Works Exercises broken down by 3 days of the workshop. The workshop Agenda, List of Participants and Draft Resilient Cities/Countries Action Planes developed and presented by the Country/ region Groups are provided in Appendixes # 1, 2 and 3 of this report. Summary of UNISDR ONEA/GETI Training Course Modules by Days is provided below:



#### DAY 1

##### **Module 1: Finding a common language and Introduction of trends in urban risk and risk reduction**

Resource Person: **Mr. Sanjaya BHATIA** (UNISDR ONEA/GETI)

Achieved Outcomes: During this Module Sessions participants had a chance to

- Improve their understanding of risk assessment and management terminology and concepts
- Improve comprehension of current trends in urban risk
- Identify main factors leading to building disaster risk in urban contexts at the global, regional, national and local level

Summary of the Module Content:

*The presentation discusses main urban trends at global level and its interrelation with the observed urban risk tendencies.*

**What do we need to look for when reviewing trends in disaster risk and risk reduction?**



- **The facts:** what do the data and information available can tell us about the global trends on risk (related to natural hazards). Where can we find reliable data and information on disaster risk trends?
- **The conceptual frameworks:** what tools could be used to explain observed tendencies? What are the conceptual frameworks and methodologies used to analyse, diagnose, design and implement action plans to reduce risk?
- **The factors:** how can these observed trends be explained? What are the factors driving the observed tendencies? What can be said regarding global trends in urban risk reduction?

## **Module 2: Introducing Making Cities Resilient (MCR) Global Campaign and Campaign Tools. MCR Campaign 10 Essentials with Case Studies.**

Resource Person 1: **Mr. Armen ROSTOMYAN** (UNISDR ONEA/GETI)

Resource Person 2: **Mr. Sanjaya BHATIA** (UNISDR ONEA/GETI)

Achieved Outcomes: During this Module Sessions participants had a chance to

- Increase comprehension of the Making Cities Resilient Campaign purpose, resources and tools
- Improve knowledge and comprehension of the 10 essentials and the local HFA
- Understand the requirements to apply MCR 10 essentials

Summary of the Content and Group Discussions:

This module was divided into the following sessions:

- a) General introduction to the Making Cities Resilient Campaign;
- b) Review of the ten-point checklist – Essentials for making cities resilient; and
- c) Review of the Local Government Self-Assessment Tool (LGSAT or Local HFA). The ten essentials and the LGSAT are regarded as the basic Campaign tools. The Mayor’s handbook provides guidelines on the implementation of the 10 essentials.

## **Module 3: Applying the MCR Tools Assessment and Diagnosis. Using Local Government Self-Assessment Tool (LG-SAT)**

Resource Person: **Mr. Armen ROSTOMYAN** (UNISDR ONEA/GETI)

Working Group Discussion/Exercise: ***“Using MCR LG-SAT tool to assess risk management situation in own cities”.***  
(90 min)

Plenary Discussion: ***“Presenting Group Work Outcomes “***

Achieved Outcomes: During this Module Sessions participants had a chance to

- Learn and practice as part of the group exercise the main steps for undertaken a diagnosis and assessment process
- Understand how the MCR tools can contribute to the development of a DRM diagnosis and assessment

Summary of the Content and Group Discussions: In this Module had a chance to discuss:

- Why preparing a diagnosis and assessment of DRM gaps, challenges and opportunities
- The preparation process to undertake the diagnosis and assessment
- The suggested steps to undertake the diagnosis and assessment of the disaster risk management situation at the local level
- The possibilities offered by the Local Government Self-Assessment Tool LGSAT/Local HFA, to identify the city’s gaps, challenges and opportunities surrounding disaster risk management.

- The development of the diagnosis and assessment report



## DAY 2

**Module 4: Development and Implementation of a City Land Use Management Plan; Mainstreaming Climate Change Adaptation and Disaster Reduction into Development and Sectoral Programmes for Socio-Economic Development with Case Studies on Following Sectors: *Climate Change Adaptation (CCA) and Housing, Critical Info-structure, Governance, Livelihood Protection, Health Sector Rehabilitating Ecosystems, and Financing Disaster Recovery (Parts 1, 2, 3, & 4)***

**Resource Person 1: Mr. Armen ROSTOMYAN (UNISDR ONEA/GETI)**

**Resource Person 2: Mr. Sanjaya BHATIA (UNISDR ONEA/GETI)**

**Plenary Discussion: “Sharing participants experience on Mainstreaming DRR into Land Use Plane and Sectoral Programmes of Housing & Climate Change Adaptation”**

**Achieved Outcomes:** During this Module Sessions participants had a chance to

- Learn more and better understand the process of Mainstreaming Adaptation and Disaster Reduction into Development Sectoral Programmes for Socio-Economic Development with Case Studies and particular focus on following Sectors: *Climate Change Adaptation (CCA) and Housing, Critical Info-structure, Governance, Livelihood Protection, Health Sector Rehabilitating Ecosystems, and Financing Disaster Recovery*

**Summary of the Content and Group Discussions:**

- The session provided an opportunity to expose participants to various options to “build back better” after a disaster through a wide array of strategies and actions, which may serve as options for local governments to adopt, if it suits to their respective contexts. The lessons on recovery, as compiled by UNISDR ONEA/GETI from various experiences around the globe, provided an additional input to build on the existing initiatives of the local governments.
- The case studies of this module covered and provided practical information on different sectors of DRR and CCA. Lessons drawn from specific case will be explained by resource persons/consultants via PowerPoint presentations.
- Each case study highlighted a unique practice, designed to entice participants to reflect and analyse whether such practice is applicable to their contexts.
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**Module 5: Developing and Implementing Safe and Resilient Country/City Action Plan**

**Resource Person 1: Mr. Armen ROSTOMYAN (UNISDR ONEA/GETI)**

**Working Group Discussion: - Working Group Discussion to develop Draft version of Safe and Resilient Country/City Action Plan (Part 1) and (Part 2)**

**Plenary Discussion: “Presenting Group Work Outcomes “**

Achieved Outcomes: During this Module Sessions participants had a chance to

- Understand how disaster risk reduction can be integrated into land use management planning
- Identify and describe main components for the preparation of a land use management plan, integrating disaster risk management
- Define and describe main elements to be considered in the plan's implementation strategy

Summary of the Content and Group Discussions:

- Disaster risk reduction is a cross cutting concept; achieving risk reduction objectives should be seen a process with short, medium and long term milestones
- The disaster risk management plan is realized through actions implemented by the different development programs carried out by national and local governments
- A key component of the action plan is the definition of qualitative and/or quantitative goal allowing for the monitoring and assessment of progress

### **Module 6: - City Action Plan Monitoring, Evaluation and Follow Up.**

Resource Person 1: **Mr. Armen ROSTOMYAN** (UNISDR ONEA/GETI)

Working Group Discussion: **"Developing own Draft Safe and Resilient City Action Plan". (90 min)**

Plenary Discussion: **"Presenting Group Work Outcomes " (30 min)**

Achieved Outcomes: During this Module Sessions participants had a chance to

- Understand the different type of indicators and define their usability in the context of disaster risk reduction
- Describe the steps suggested for the development of a monitoring and evaluation strategy
- Identify and add success indicators to the Action Plan key objectives and activities

Summary of the Content and Group Discussions:

- Indicators are the key components of a monitoring strategy for the resilient city action plan
- The Local HFA can support the monitoring of the resilient city action plan
- A fundamental component of the monitoring strategy is the definition of actors/stakeholders and their roles and responsibilities
- A monitoring and evaluation strategy should include a timeline for its implementation. Indicators should reflect the specific timeline



## IV. Evaluation of the Training Workshop on Resilient City Action Plan Development

The training was evaluated by a questionnaire in a Likert scale format. All the open ended items in the evaluation form were analyzed using simple content analyses techniques.

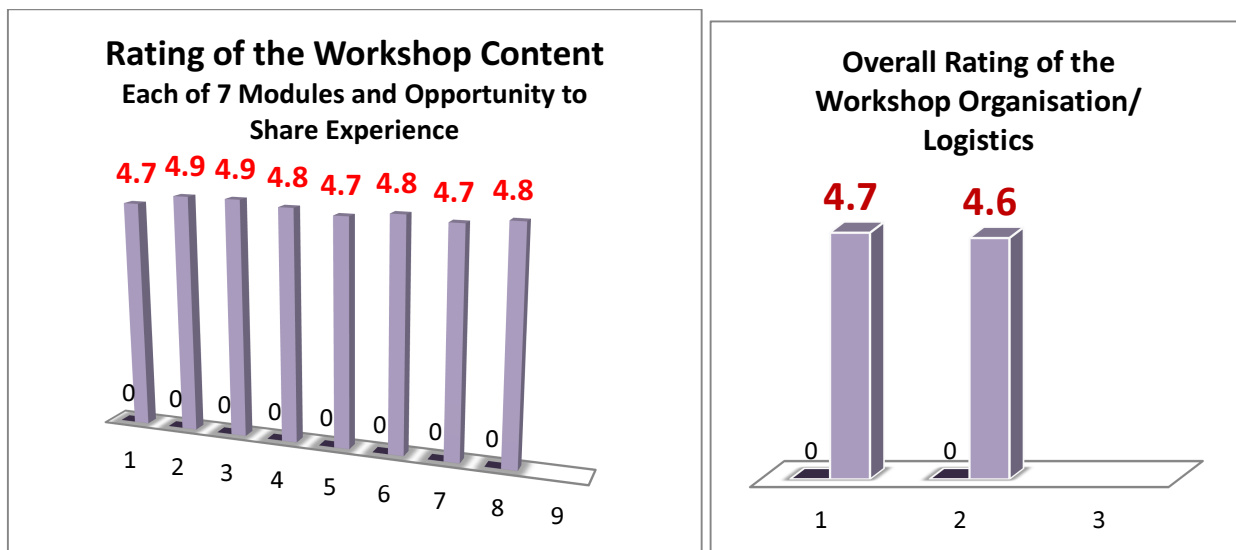
**Analysis:** The Safe and Resilient City Action Plan Development training workshop in general had a very positive evaluation from respondents. For instance, all participants who responded to the first item reported having learnt something new that they did not know prior to the training program. As shown in the table with bars below, 100% of the valid responses reported having learnt something new in the training. This is an indication that the training methods were appropriate for the workshop target audience and the content meet the needs of the participants.

Overall rating of the Safe and Resilient City Action Plan Development training workshop content and training course 7 Modules with their group exercises and the content is **“Excellent”** with total average mark of **4.8 out of 5**. Participants affirmed that all key projected outputs of the CDMCR were achieved and they rated them with total average mark of **4.8 (Agree) out of 5 (Strongly Agree)**.

The overall rating for the workshop content, delivery and organisation was marked as **“Excellent”** with total mark of **4.7 out of 5**. The overall organisation of the logistics was marked as **“Excellent”** with total mark of **4.8 out of 5**. The most useful parts of the workshop according to participants were that it provided needed information and practical skills on how to use MCR tools and proposed approach to develop Safe and Resilient City Action Plan, practicality of group exercises and discussions, opportunity to share their own countries/cities experience and establishment of personal contacts.

**Proposed recommendations for improvement** included: NEMA Mongolia and UNISDR to deliver many more of this type of workshops with particular with the same content focus on city of Ulaanbaatar as well as at National level as they are much needed; More group works for same country national level officials and city officials teams/groups to develop their Resilient countries/ resilient cities Action Planes; Follow up and train government officials at country level; Allocate more time for group discussions; Reduce number of presented case studies; Receiving content materials before departure to have more time for reading and preparation; setting shorter time limits to country/ group presentations.

All recommendations for improvement will be considered in planning for the next series of the UNISDR ONEA/GETI’s Regional and National Training workshops scheduled for 2014 and 2015.





## WORKSHOP FINAL EVALUATION SHEET

*We need your help in improving our work - knowing if these forums are useful to you is an important indicator in this respect. Therefore, we kindly request you to fill in this evaluation sheet and hand it to us at the end of the last day of the workshop.*

Please answer by ticking  a case accordingly:

Session	Strongly agree	Agree	No impact	Disagree	Strongly disagree
I had an opportunity to discuss the challenges and trend in urban risk and risk reduction.					
I developed better understand Making Cities Resilient (MCR) "My City is Getting Ready" Global Campaign and the MCR Campaign Tools.					
I developed a better understanding and learned how to use Local Government Self-Assessment Tool (LG-SAT)					
I gained new ideas on approaches to to develop a Risk Based City Land Use Management Plan					
I gained new ideas and developed a better understanding on how to prepare Safe and Resilient City Action Plan					
I had an opportunity to learn on new approaches on how to effectively monitor and evaluate the Safe and Resilient City Action Plan					
I had an opportunity to discuss and learn experience of other countries experiences, models and programmes for City to City learning and capacity development					
I established new contacts and gained new ideas from my colleagues from other countries.					

	Excellent	Very good	Good	Acceptable	Poor
OVERALL rating of the workshop.					
OVERALL event organization and logistics.					

Overall strengths of the Workshop \_\_\_\_\_

\_\_\_\_\_

Overall weaknesses of the Workshop \_\_\_\_\_

\_\_\_\_\_

General comments \_\_\_\_\_

\_\_\_\_\_

Other suggestions for the UNISDR ONEA/GETI \_\_\_\_\_

**What did you find most useful about this workshop (please tick):**

- a) The provision of information
- b) Discussions
- c) The contacts
- d) The working methods

Other  (please comment):

\_\_\_\_\_

## APPENDIX # 1: Agenda of the Workshop



### Mainstreaming Climate Change Adaptation and Disaster Risk Reduction for Sustainable Development

01-04, 2014, Yerevan, Republic of Armenia

#### Tentative Agenda

Day One	July 01 (Tuesday)
09:00 – 09.30	<b>Registration</b>
09.30 – 10.00	<p><b><u>Opening Session</u></b></p> <p><b><u>Openning and Welcome:</u></b> - Armen Yeritsyan (Minister of Emergency Situations of Armenia)</p> <ul style="list-style-type: none"> <li>- <b><u>Welcome Speech:</u></b> - Bradley Busetto (United Nations Resident Coordinator in Armenia)</li> <li>- <b><u>Key Note Speech:</u></b> - <b>Mr. Sanjaya BHATIA</b> (Head of the Office, UNISDR ONEA/GETI)</li> <li>- <b><u>Key Note Speech:</u></b> - <b>Armen Grigoryan</b>, UNDP BCPR - Participants' Introduction</li> </ul>
10:00 – 10:30	<b>Break</b>
10.30 – 11.15	<p><b><u>Module 1: Finding a common language and Introduction of trends in urban risk and risk reduction</u></b></p> <ul style="list-style-type: none"> <li>- <b><u>Presentation:</u></b> <b>Mr. Sanjaya BHATIA</b> (UNISDR ONEA/GETI) Finding a common language and Introducing of trends in urban risk and risk reduction.</li> <li>- <b><u>Presentation:</u></b> <b>Mr. Hossein Kalali</b>, UNDP BCPR. Urban risk practice in UNDP and risk trends in ECIS.</li> <li>- <b><u>Presentation:</u></b> <b>Mr. Armen GRIGORYAN</b> (UNDP BCPR New York) UNDP's support to implementation of HFA and United Nations plan of action on disaster risk reduction for resilience</li> <li>- <b><u>Presentation:</u></b> <b>Mr. Hektor BABAYAN</b> (Armenia) Seismic Risk Assessment "City Scenario" methodology as tool for <i>Integration of DRR into land use planning and urban development. Experience of Armenia.</i></li> </ul> <p><b><u>Q &amp; A Session: (20 min)</u></b></p>
11.15 – 13.00	<p><b><u>Module 2: Introducing Making Cities Resilient (MCR) Global Campaign and Campaign Tools. MCR Campaign 10 Essentials with Case Studies.</u></b></p> <ul style="list-style-type: none"> <li>- <b><u>Presentation:</u></b> <b>Mr. Armen ROSTOMYAN</b> (UNISDR ONEA/GETI) Introducing Making Cities Resilient (MCR) Global Campaign and Campaign tools.</li> <li>- <b><u>Presentation:</u></b> <b>Mr. Armen Chilingaryan</b> (UNDP Armenia) Armenia Experience in Implementing the MCR Global Campaign with Cities and LG's in Armenia</li> <li>- <b><u>Presentation:</u></b> <b>Mr. Sanjaya BHATIA</b> (UNISDR ONEA/GETI) MCR Campaign 10 Essential with case studies.</li> <li>- <b><u>Presentation:</u></b> <b>Mr. Ashot SARGSYAN</b> (UNOCHA Armenia) Concept of Resilience, Experience of Armenia.</li> </ul> <p><b><u>Q &amp; A Session: (20 min)</u></b></p>
13.00 – 15.00	<b>Lunch, Visit to Crisis Management Center of MoES</b>

15.00- 15:30	<b>Module 3: Applying the MCR Tools Assessment and Diagnosis. Using Local Government Self-Assessment Tool ( LG-SAT)</b>
15.30 – 16.00	<ul style="list-style-type: none"> <li>- <u>Presentation:</u> <b>Mr. Armen ROSTOMYAN</b> (UNISDR ONEA/GETI)</li> </ul> <p><u>Working Group Discussion:</u> <i>“Using MCR LG-SAT tool to assess risk management situation in own cities”.</i></p>
<b>16.00 – 16.15</b>	<b>Break</b>
16.15 – 17.00	<u>Working Group Discussion:</u> <i>“Using MCR LG-SAT tool to assess risk management situation in own cities”.</i>
17.00 – 17.30	<ul style="list-style-type: none"> <li>- <u>Facilitated by:</u> <b>Mr. Armen ROSTOMYAN</b> (UNISDR ONEA/GETI)</li> </ul> <p><u>Plenary Discussion:</u> <i>“ Presenting Group Work Outcomes “</i></p>

<b>Day Two</b>	<b>July 02 ( Wednesday )</b>
9.30 – 10.30	<p><b>Module 3: DRR Capacity assessment and self-assessment experience of UNDP. Case of Armenia</b></p> <ul style="list-style-type: none"> <li>- <u>Presentation:</u> <b>Mr. Armen GRIGORYAN</b> (UNDP BCPR New York) <u>DRR Capacity assessment and Self-assessment experience of UNDP.</u></li> <li>- <u>Presentation:</u> <b>Mr. Armen CHILINGARYAN</b> (UNDP Armenia) <u>DRR Capacity self-assessment Armenia experience.</u></li> </ul> <p><i>DRR Capacity Assessment and Self Assessment Methodology, including institutional self/assessment. Experience of Armenia</i></p> <p><u>Q &amp; A Session:</u> (20 min)</p>
<b>10:30 – 11:00</b>	<b>Break</b>
11.00 – 12.30	<p><b>Module 4 : Development and Implementation of Land Use Management; and Mainstreaming DRR and CCA into Sectoral Programmes for Socio-Economic Development with Case Studies: <u>Climate Change Adaptation (CCA) and Housing,</u> (Part 1)</b></p> <ul style="list-style-type: none"> <li>- <u>Presentation:</u> <b>Mr. Armen Grigoryan.</b> (UNDP BCPR New York) <u>DRR Mainstreaming Framework.</u></li> <li>- <u>Presentation:</u> <b>Mr. Andy McELROY</b> (UNISDR ONEA/GETI) <u>Development and Implementation of Land Use Management</u></li> <li>- <u>Presentation:</u> <b>Mr. Sanjaya BHATIA</b> (UNISDR ONEA/GETI) –<u>Mainstreaming DRR and CCA into Sectoral programs key studies; CCA and Housing</u></li> <li>- <u>Presentation:</u> <b>Mr. Firdavs FAIZULLOEV</b> (Tajikistan) <i>Integration of DRR into land use planning and one key sector. Experience of Tajikistan.</i></li> </ul> <p><u>Q &amp; A Session:</u> (20 min)</p>
<b>12.30 – 13:30</b>	<b>Lunch</b>
13:30 – 15.00	<p><b>Module 5: Developing Draft version of Safe and Resilient Country/City Action Plan (Part 1)</b></p> <ul style="list-style-type: none"> <li>- <u>Presentation:</u> <b>Mr. Armen ROSTOMYAN</b> (UNISDR ONEA/GETI)</li> </ul> <p><u>Working Group Discussion:</u> <i>“Developing own Draft Safe and Resilient City Action Plan”.</i></p>
<b>15.00 – 15.15</b>	<b>Break</b>
15.15 – 17.00	<b>Module 5 - Exercise: - Working Group Discussion to develop Draft version of Safe and Resilient</b>

	<p><b>Country/City Action Plan</b> (Part 2)</p> <ul style="list-style-type: none"> <li>- <u>Facilitated by:</u> <b>Mr. Armen ROSTOMYAN</b> (UNISDR ONEA/GETI)</li> </ul> <p><u>Working Group Discussion:</u> <b>“Developing own Draft Safe and Resilient City Action Plan”.</b></p> <p><u>Plenary Discussion:</u> <b>“ Presenting Group Work Outcomes “</b></p>
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Day Three	July 03 (Thursday)
9.30 – 11.00	<p><b>Module 6: Mainstreaming DRR into Sectoral Programmes for Socio-Economic Development with Case Studies: <u>Education, Government priority sectors and Health Sector</u></b> (Part 2)</p> <ul style="list-style-type: none"> <li>- <u>Presentation:</u> <b>Mr. Sanjaya BHATIA</b> (UNISDR ONEA/GETI) –Mainstreaming DRR into Key Sectors.</li> <li>- <u>Presentation:</u> <b>Mr. Mukash KALDAROV</b>. Kyrgyzstan experience in mainstreaming DRR into priority Governmental Development sectors.</li> <li>- <u>Presentation:</u> <b>Mr. Khusrav SHARIFOV</b>. UNICEF regional office Almaty. DRR mainstreaming in Education sector.</li> <li>- <u>Presentation:</u> <b>Mr. Ezizgeldi HELLENOV</b>. UNFPA regional office Almaty. DRR mainstreaming in Health Sector.</li> </ul> <p><u>Plenary Discussion:</u> <b>“ Sharing participants own experience on Sectoral Programmes“</b> (30 min)</p>
11:00 – 11:30	<b>Break</b>
11.30 – 12.30	<p><b>Module 6: Mainstreaming DRR and CCA into Sectoral Programmes for Socio-Economic Development with Case Studies: <u>Ecosystems and Governance in DRR</u></b> (Part 3)</p> <ul style="list-style-type: none"> <li>- <u>Presentation:</u> <b>Mr. Armen GRIGORYAN</b> (UNDP BCPR NY). Good DRR Governance and links to key sectors.</li> <li>- <u>Presentation:</u> <b>Ms. Diana HARUTUNYAN</b>. Environmentally Friendly DRR, Climate Risk Management.</li> </ul> <p><u>Plenary Discussion:</u> <b>“ Sharing participants own experience on Sectoral Programmes“</b> (15 min)</p>
12.30 – 13:30	<b>Lunch</b>
13:30 – 15.00	<p><b>Module 7: - Resilient City Action Plan - Monitoring, Evaluation and Follow Up.</b></p> <ul style="list-style-type: none"> <li>- <u>Presentation:</u> <b>Mr. Andy McELROY</b> (UNISDR ONEA/GETI)</li> </ul> <p><b>Module 6 - Exercise: - Working Group Discussion to develop Draft version of Safe and Resilient Country/City Action Plan.</b> ( Completing M&amp; E - Indicators Section of the Action Plan and Responsible Structures part)</p> <ul style="list-style-type: none"> <li>- Facilitated by Armenian National DRR Platform and Crisis Management Academy</li> </ul> <p><u>Working Group Discussion:</u> <b>“Developing own Draft Safe and Resilient City Action Plan”.</b></p>



15:00 – 15:30	<b>Coffee break</b>
15.30 – 16:30	<b>Module 7 - Exercise: - Working Group Discussion to develop Draft version of Safe and Resilient Country/City Action Plan.</b> (Finalizing M& E - Indicators Section of the Action Plan and Responsible Structures part)
16.30 - 17.30	<ul style="list-style-type: none"> <li>- <u>Facilitated by:</u> <b>Mr. Andy McELROY</b> (UNISDR ONEA/GETI)</li> </ul> <p><u>Working Group Discussion:</u> <b>“Developing own Draft Safe and Resilient City Action Plan”.</b></p> <p><u>Plenary Discussion:</u> <b>“ Presenting Group Work Outcomes “</b></p>

<b>Day Four</b>	<b>July 04 (Friday)</b>
9.30 – 11.00	<p><b>Module 8: Mainstreaming DRR and CCA into Sectoral Programmes for Socio-Economic Development with Case Studies: <u>Rehabilitating Ecosystems</u> and <u>Financing Disaster Risk Reduction</u>.</b>(Part 4)</p> <ul style="list-style-type: none"> <li>- <u>Presentation:</u> <b>Mr. Hossein Kalali</b>, UNDP BCPR. Financing Disaster Recovery. Early Recovery. UNDP perspective.</li> <li>- <u>Presentation:</u> <b>Mr. Vardan Melikyan</b>, UNDP Armenia. Alternative solutions for Ecosystem Rehabilitation.</li> <li>- <u>Presentation:</u> <b>Mr. Sanjaya BHATIA</b> (UNISDR ONEA/GETI) –Financing DRR, Governance and Rehabilitating Ecosystems Sectors, Key studies.</li> </ul> <p><u>Plenary Discussion:</u> <b>“ Sharing participants own experience on Sectoral Programmes“ (15 min)</b></p>
11:00 – 11:30	<b>Break</b>
11.30 – 12.30	<p><b>Module 9 - Exercise:</b> Working in groups on developing a draft strategy of Country Delegations with UNDP COs</p> <ul style="list-style-type: none"> <li>- <i>How on a Country/ city level the draft Action Plan will be further finalized, approved and implemented?</i></li> <li>- <i>How to scale up the Training Course Modules and the approach in the MCR member cities and participants countries of CASC region? Role of UNDP COs.</i></li> <li>- <i>How to organize country to country and city to city learning and experience sharing on Safe and Resilient Action Plan Implementation in the CASC region? UNDP Capacity Exchange programme.</i></li> </ul> <ul style="list-style-type: none"> <li>- <u>Facilitated by:</u></li> <li>- <b>Armen GRIGORYAN</b>, UNDP BCPR</li> <li>- <b>Armen CHILINGARYAN</b>, UNDP Armenia</li> <li>- <b>Armen ROSTOMYAN</b>, (UNISDR ONEA/GETI)</li> <li>- <b>Ara BARSEGHYAN</b>, DRR National Platform</li> <li>- <b>Andy McELROY</b>, (UNISDR ONEA/GETI)</li> </ul> <p><u>Working Group Discussion:</u> <b>“Developing Strategy for Safe and Resilient City Action Plan further finalisation at own countries/ cities and its effective implemetation”.</b> (Part 1)</p>

12.30 – 13:30	Lunch
13:30 – 15.00	<p><b>Module 9 - Exercise:</b> (Continue Working in groups on a strategy of <i>how to scale up formulation of the Safe and Resilient Cities Action Plans in the participants countries (Part 2)</i>)</p> <p><b>Working Group Discussion:</b> <i>“Developing Startegy for Safe and Resilient City Action Plan further finalisation at own countries/ cities and its effective implemetation”.</i> (Part 1)</p> <p><b>Plenary Discussion:</b> <i>“ Presenting Group Work Outcomes “</i></p>
15:00 – 15:30	Break
15.30 – 17.00	<p><b>Next Steps, Wrap Up and Evaluation</b></p> <ul style="list-style-type: none"> <li>• <u>Wrap up of Workshop:</u> Sanjaya BHATIA (UNISDR/ONEA/GETI)</li> <li>• <u>Next steps:</u> Armen GRIGORYAN (UNDP BCPR New York)</li> <li>• <u>Evaluation of the Workshop:</u> Armen ROSTOMYAN (UNISDR ONEA/GETI)</li> </ul>