

GLOBAL RISK IDENTIFICATION PROGRAMME
"Better Risk Information for Sound Decision Making"



*Empowered lives.
Resilient nations.*

DISASTER RISK ASSESSMENT TRAINING PACKAGE

INTRODUCTORY COURSES

GRIP—

Global Risk Identification Programme

2012

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TABLE OF CONTENTS

1. Introduction to GRIP	4
2. GRIP's Disaster Risk Assessment Training Package	7
3. Introductory Training Courses	9
Course 1. Disaster Risk Assessment for United Nations Country Teams	10
Course 2. Disaster Risk Assessment for DRR practitioners	14
Course 3. Country Situation Analysis	18
Course 4. National Disaster Observatory	22
Course 5. National Risk Assessment	26
Course 6. Urban Risk Assessment	30
4. Practicalities	34

1. INTRODUCTION TO GRIP



Global Risk Identification Programme – GRIP is a multi-stakeholder initiative that aims to promote sustainable development by reducing the impacts of natural disasters in high risk countries. With the mission of providing “Better risk information for sound decision making”, GRIP facilitates the generation of evidence-based risk information, and its application to policy and decision making. Officially launched as an ISDR Thematic Platform for Risk Identification in 2007 at the 1st session of the Global Platform for Disaster Risk Reduction, GRIP has been adopted by the UN - ISDR system to support worldwide activities to identify and monitor disaster risks.

In the design and implementation of its activities, GRIP relies on the following 3 pillars to fulfill its mission:

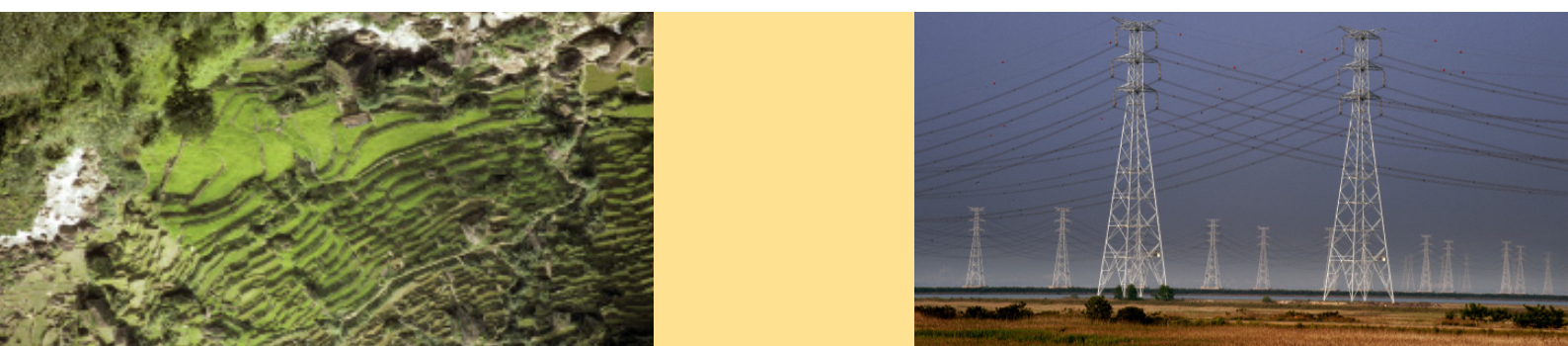
- Capacity development is one of the main objectives of each GRIP initiative in order to ensure the sustainability of risk assessment activities
- Evidence-based information and baselines are crucial for development of risk reduction strategies. GRIP therefore promotes the generation of risk information based on historic disaster information as well as existing research and studies on disasters and risks
- Monitoring and evaluation mechanisms are essential for measuring the effectiveness of risk reduction strategies. GRIP supports the establishment of mechanisms of continuing monitoring and evaluation of a country’s progress in risk reduction expertise and activities.

GRIP was founded essentially to serve two different client groups. First group is the decision makers and technical professionals engaged or interested in disaster risk reduction activities in disaster-prone countries. Disaster risk reduction aims at reducing the risks a country is facing to an acceptable level, supporting sustainable development. It is a long-term process that utilizes local capacity and knowledge. The first step in the process towards effective disaster risk reduction is to have a thorough understanding of the risks a country is facing and their causes.

For this purpose, GRIP has developed a comprehensive solution package for implementing disaster risk assessment in developing countries. The solution package consists of four integral components: Country Situation Analysis for Risk Assessment, National Disaster Observatory, National Risk Assessment, and Urban Risk Assessment. In order to assist countries in putting GRIP's disaster risk assessment solution into practice, it has developed a training package consisting of six courses.

GRIP's approach to disaster risk assessment promotes close collaboration between authorities and technical experts for better risk understanding and decision making. It provides the countries with trainings and assistance in finding appropriate tools and methodologies for risk assessment, implementing risk assessment activities, applying risk information into decision making, networking with other countries implementing similar projects and finding financial support. In delivering country support GRIP cooperates closely with United Nations Country Offices as well as regional and national Disaster Reduction Advisors.

The second client group consists of institutions and individuals who look for evidence-based risk information and professional advice for policy making and programming, as well as for developing their risk assessment capacity and expertise. This group is reached through GRIP's interactive website, GRIPWeb (www.gripweb.org). GRIPWeb provides a tool for knowledge management through the use modern information and communication methods. By joining the GRIPWeb's online community, professionals of disaster risk reduction can share their experiences and work together on developing new tools and methodologies. GRIPWeb aims at empowering people by introducing new ways of working. In its way of combining a global perspective to local insight, GRIPWeb has a pioneering approach to risk information sharing.



2. GRIP'S DISASTER RISK ASSESSMENT TRAINING PACKAGE



GRIP's training courses are provided in three different levels – introductory, intermediate and advanced – according to the needs of the participants. All levels of GRIP training package include the following courses:

- › Disaster Risk Assessment (DRA) for United Nations Country Teams (UNCT) and practitioners respectively
- › Country Situation Analysis for Risk Assessment (CSA)
- › National Disaster Observatory (NDO)
- › National Risk Assessment (NRA)
- › Urban Risk Assessment (URA)

This booklet gives an overview of GRIP's introductory level training package. The aim of the introductory courses is to develop participants' overall conception of disaster risk assessment. The courses generally include the following contents:

- › Basic knowledge of disaster risk assessment
- › Introduction to GRP's disaster risk assessment solution
- › Defining a country-specific action plan for disaster risk assessment
- › How to plan, facilitate and coordinate disaster risk assessment activities

The intermediate courses for disaster risk assessment aim at developing participants' technical expertise in modeling, mapping, and profiling for disaster risk assessment, as well as their data and information management skills. Intermediate courses include the following contents:

- › Hazard-specific disaster risk modeling and scenario building
- › Hands-on training on the use of specific tools
- › Information management system design

The advanced courses aim at developing participants' capability to conduct various analyses of risk data and information to produce evidence-based knowledge for specific policy and decision making. The courses include the following contents:

- › Uncertainty analysis and use of disaster risk information in decision making
- › Disaster risk reduction priority setting and cost-benefit analysis
- › Spatial and thematic analysis of risk information

3. INTRODUCTORY TRAINING COURSES



COURSE 1. DISASTER RISK ASSESSMENT FOR UNITED NATIONS COUNTRY OFFICES

DRA is a process that aims at diagnosing the problem of disaster risks and their causes, as well as finding solutions for a national disaster risk management and reduction strategy. DRA is an integral part of the decision making process. It therefore needs to engage multi-stakeholders from various disciplines and requires close cooperation and collaboration of different organizations and institutions.

GRIP solution for DRA generally includes four practices:

- › Country Situation Analysis for Risk Assessment (CSA) aims at creating a clearly defined baseline for national risk assessment through mapping the country's current disaster risk assessment situation.
- › National Disaster Observatory (NDO) is an institution involving a national network of disaster observers, aiming at systematic collection, storage, analysis, and dissemination of disaster information.
- › National Risk Assessment (NRA) is a strategic tool for national decision making in order to effectively reduce disaster risks.
- › Urban Risk Assessment (URA) supports urban and municipal administrations in assessing risks for better urban planning, contingency planning and disaster risk reduction.

COURSE OVERVIEW

The training course in Disaster Risk Assessment for United Nations Country Teams has been specifically designed to enhance the UNCT's capacity to plan, facilitate and coordinate DRA activities in the country it is serving.

You will learn:

- › Essentials of risk assessment, including key concepts, assessment process, framework, and common challenges, as well as the use of risk information in public decision making
- › GRIP's DRA solution and associated practices in developing countries
- › Preliminary situation of DRA in your country
- › The road map for implementing a comprehensive DRA in a country

You will be able to:

- › Define the scope and context of DRA
- › Plan, facilitate, and coordinate DRA activities in your country interactively with national stakeholders
- › Explain the role and importance of DRA in reducing risks

You will develop:

- › A preliminary country DRA situation profile
- › An agreed scope of country-specific DRA
- › A draft plan for implementing DRA in your country with a long-term vision

COURSE CONTENT

The course consists of three integral modules, each including lecture sessions, group works, and plenary discussions.

Module I: Essentials of Risk Assessment and Decision Making

- Lecture session 1 Issues and challenges in reducing risks and disasters – Introduction to the role of disaster risk assessment
- Lecture session 2 Essentials of risk assessment and decision making
- Group work 1 Country review on current disaster risk assessment situation and its use in decision making
- Plenary discussion 1 Disaster risk assessment – Country-specific issues and challenges

Module II: Scoping Disaster Risk Assessment in a Country

- Lecture session 3 Key concepts of disaster risk assessment
- Lecture session 4 Disaster risk assessment – GRIP's solution package and services for high-risk countries
- Group work 2 Defining the scope and context of country-specific disaster risk assessment
- Plenary discussion 2 Country-specific disaster risk assessment - Creating a road map

Module III: Planning for Disaster Risk Assessment Activities

- › Group work 3 Undertaking disaster risk assessment – The roles and duties of stakeholders
- › Group work 4 Drafting a country-specific disaster risk assessment plan
- › Group work 5 Integrating disaster risk assessment into Common Country Assessment and United Nations Development Assistance Framework
- › Plenary discussion 3 How to facilitate the country-specific disaster risk assessment process?
- › Plenary discussion 4 GRIP support - What are the next steps?

TARGET AUDIENCE

The course is specially designed for the United Nations Country Teams. Representatives of other organizations, both national and international, as well as national authorities involved in disaster risk assessment and management in the country, are also encouraged to participate in the course.



COURSE 2. DISASTER RISK ASSESSMENT FOR DRR PRACTITIONERS

DRA is a process that aims at diagnosing the problem of disaster risks and their causes, as well as finding solutions for a national disaster risk management and reduction strategy. DRA is an integral part of the decision making process. It therefore needs to engage multi-stakeholders from various disciplines and requires close cooperation and collaboration of different organizations and institutions.

GRIP solution for DRA generally includes four practices:

- Country Situation Analysis for Risk Assessment (CSA) aims at creating a clearly defined baseline for national risk assessment through mapping the country's current disaster risk assessment situation.
- National Disaster Observatory (NDO) is an institution involving a national network of disaster observers, aiming at systematic collection, storage, analysis, and dissemination of disaster information.
- National Risk Assessment (NRA) is a strategic tool for national decision making in order to effectively reduce disaster risks.
- Urban Risk Assessment (URA) supports urban and municipal administrations in assessing risks for better urban planning, contingency planning and disaster risk reduction.

COURSE OVERVIEW

The training course on Disaster Risk Assessment has been specifically designed to enhance the participants' capability to plan, facilitate and coordinate DRA activities.

You will learn:

- › Essentials of risk assessment, including key concepts, assessment process, framework, and common challenges, as well as the use of risk information in public decision making
- › GRIP's DRA solution and associated practices in developing countries
- › The road map for implementing a comprehensive DRA in a country

You will be able to:

- › Define the scope and context of DRA
- › Plan, facilitate, and coordinate DRA activities in your country interactively with national stakeholders
- › Explain the role and importance of DRA in formulating national disaster risk reduction strategy and action plans

You will develop:

- › An overall understanding of disaster risk assessment in a country and its possible use in public policy and decision making
- › An agreed scope of country-specific DRA

COURSE CONTENT

The course consists of three integral modules, each including lecture sessions, group works, and plenary discussions.

Module I: Introduction to Risk Assessment and Decision Making

- › Lecture session 1 Issues and challenges in reducing risks and disasters
- › Lecture session 2 Understanding risk and risk assessment
- › Lecture session 3 Disaster and disaster systems
- › Group work 1 Use of risk information to decision making
- › Plenary discussion 1 Disaster risk assessment – Country-specific issues and challenges

Module II: Introduction to Disaster Risk Assessment

- › Lecture session 3 Introduction to GRIP's DRA solution
- › Lecture session 4 Country Situation Analysis
- › Lecture session 5 National Risk Assessment
- › Lecture session 6 National Disaster Observatory
- › Lecture session 7 Urban Risk Assessment
- › Plenary discussion 2 DRA – Where to start?

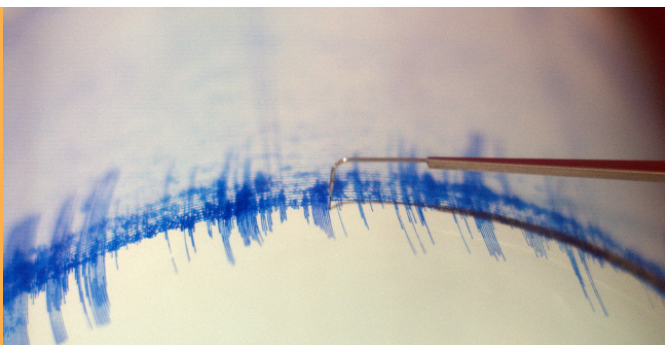
Module III: Scoping and Planning for Disaster Risk Assessment

- › Lecture session 8 DRA applications in other countries
- › Group work 2 Defining the scope and context of country specific DRA
- › Group work 3 Undertaking DRA – The roles and duties of stakeholders
- › Group work 4 Project planning for DRA
- › Plenary discussion 3 GRIP support - What are the next steps?

TARGET AUDIENCE

Participants benefiting from the course include representatives of governmental organizations, NGOs, UN agencies, academic institutions, civil society and private sector with expertise and interest in disaster risk assessment and its use in policy and decision making. In order to gain a holistic picture of disaster risks assessment, decision makers, professionals and practitioners of the following sectors are encouraged to attend the course:

- › Agriculture and food security
- › Education and school safety
- › Critical infrastructure protection
- › Geospatial technology
- › Development planning
- › Governance and coordination
- › Disaster risk management
- › Health and hospital safety
- › Emergency response
- › Media and risk communication
- › Economics and risk financing
- › Spatial and urban planning



COURSE 3. COUNTRY SITUATION ANALYSIS

CSA is an essential first step in the process of national risk assessment in a country. It aims at creating a clearly defined baseline for national risk assessment through creating a comprehensive country profile of the current situation of national risk assessment and its use in decision making in terms of disaster management and development planning. CSA is a multi-stakeholder engaging process that starts with identification of presently existing information, resources and know-how relating to risk assessment. Through the steps of inventorying and analysis of information, CSA further helps the country to create a comprehensive country situation profile. Based on the country profile, a realistic implementation strategy and action plan for national disaster risk assessment can be developed. CSA also aims at the initiation of national risk information and coordination systems, as well as starting a practice of systematically tracking the disaster risk reduction progress of the country.

CSA examines the following aspects:

- › Country's hazard and disaster profile
- › Availability and quality of data, information, and studies on risks and disasters
- › Institutional capabilities, professional expertise and skills in the country
- › Existing disaster management strategies, action plans, policies and regulations

In order to facilitate the CSA process, GRIP has developed a specific Systematic Inventory and Evaluation for Risk Assessment (SIERA) methodology and the associated National Risk Information e-Library tool.

COURSE OVERVIEW

The training course on Country Situation Analysis for Risk Assessment has been designed to enhance the participants' capability to better understand and facilitate the process of disaster risk assessment in their country.

You will learn:

- › Essentials of risk assessment, including key concepts, assessment process, framework, and common challenges, as well as the use of risk information in public decision making
- › GRIP's disaster risk assessment solution and associated practices in developing countries
- › The process of CSA and its use in scoping and planning for disaster risk assessment activities
- › Criteria and indicators for evaluating information quality and institutional capabilities

You will be able to:

- › Conduct systematic inventory and cataloguing of disaster risk information by using GRIP's National e-Library online tool
- › Plan, facilitate, and coordinate the work of a national CSA implementation team
- › Evaluate the quality of data, disaster risk assessment projects, and the capabilities of institutions and professionals
- › Track your country's progress in disaster risk assessment and reduction

You will develop:

- › A national team for implementing CSA
- › A preliminary country disaster risk assessment situation profile
- › A detailed implementation plan for CSA for your country

COURSE CONTENT

The course consists of three integral modules, each including lecture sessions and group works.

Module I: Essentials of Risk Assessment and Decision Making

- › Lecture session 1 Risk assessment and decision making in disaster risk management and reduction
- › Group work 1 Disaster risk assessment and reduction in the country – Preliminary view of the country situation
- › Lecture session 2 Disaster risk assessment – GRIP's solution
- › Lecture session 3 Disaster risk assessment in practise – What can be learned from other countries?

Module II: Country Situation Analysis – Framework, Methodology and Practices

- › Lecture session 4 Introduction to CSA
- › Lecture session 5 Introduction to SIERA methodology
- › Lecture session 6 Introduction to National Risk Information e-Library
- › Group work 2 Developing inventory skills – Inventory exercises using GRIP's e-Library tool
- › Lecture session 7 Introduction to quality evaluation methodology
- › Group work 3 Evaluating information and institutional capabilities – Quality evaluation exercises

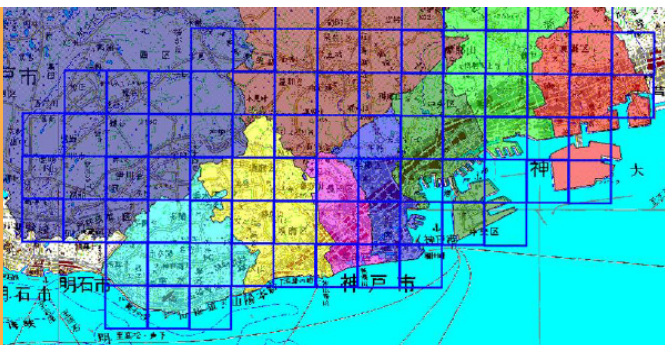
Module III: Planning for Country Situation Analysis Activities

- › Lecture session 8 CSA practices in other countries
- › Group work 4 Building a CSA team – Defining roles and responsibilities
- › Group work 5 Planning for country-specific CSA activities
- › Group work 6 GRIP support – What are the next steps?

TARGET AUDIENCE

Participants benefiting from the course include representatives of governmental organizations, NGOs, UN agencies, academic institutions, civil society and private sector with expertise and interest in disaster risk assessment and its use in policy and decision making. In order to gain a holistic picture of disaster risks assessment, decision makers, professionals and practitioners of the following sectors are encouraged to attend the course:

- › Agriculture and food security
- › Education and school safety
- › Critical infrastructure protection
- › Geospatial technology
- › Development planning
- › Governance and coordination
- › Disaster risk management
- › Health and hospital safety
- › Emergency response
- › Media and risk communication
- › Economics and risk financing
- › Spatial and urban planning



COURSE 4. NATIONAL DISASTER OBSERVATORY

NDO is an institutional arrangement aiming at systematic collection, storage, analysis, and dissemination of disaster information. It is composed of three integral components: national disaster database, standardized methodologies and tools for collecting and storing disaster information, and institutionalized disaster registration mechanism. The main purpose of NDO is to provide timely and reliable disaster information for better disaster response and recovery. NDO engages a nation-wide network of observers contributing to the collection and updating of the data.

The key outputs and applications of NDO include:

- › Well-structured national disaster database
- › Inputs to national disaster risk reduction strategy
- › Calibration and validation of risk assessments
- › Development of vulnerability and recovery functions
- › Monitoring the effectiveness of disaster risk reduction strategy and measures



COURSE OVERVIEW

The introductory training course in National Disaster Observatory has been specifically designed to enhance the participants' capability to plan, facilitate and coordinate NDO establishment activities.

You will learn:

- › Essentials of disaster and risk assessment, including key concepts, assessment process and procedure, framework, and common challenges, as well as the use of disaster risk information in public decision making
- › GRIP's NDO solution and associated practices in developing countries
- › Preliminary situation of disaster impact assessment in your country
- › The road map for establishing NDO in a country

You will be able to:

- › Define the scope and context of NDO for your country
- › Plan, facilitate, and coordinate the establishment of NDO in your country interactively with national stakeholders
- › Explain the role and importance of accurate disaster information in improving disaster response and recovery

You will develop:

- › A preliminary country situation profile of disaster assessment and information management
- › An agreed scope of country-specific NDO
- › A draft plan for establishing an NDO in your country with a long-term vision

COURSE CONTENT

The course consists of three integral modules, each including lecture sessions and group works.

Module I: Essentials of Risk Assessment and Decision Making

- › Lecture session 1 Issues and challenges in reducing disasters and risks
- › Lecture session 2 Understanding disaster and disaster assessment
- › Group work 1 Disaster assessment and the use of disaster information in your country
- › Country presentations Existing disaster assessment practices

Module II: National Disaster Observatory – Framework, Methodology and Practices

- › Lecture session 3 Introduction to NDO
- › Lecture session 4 Contextual framework for establishing a NDO
- › Lecture session 5 NDO practices in other countries
- › Plenary discussion 1 Disaster information management – Country-specific issues and challenges

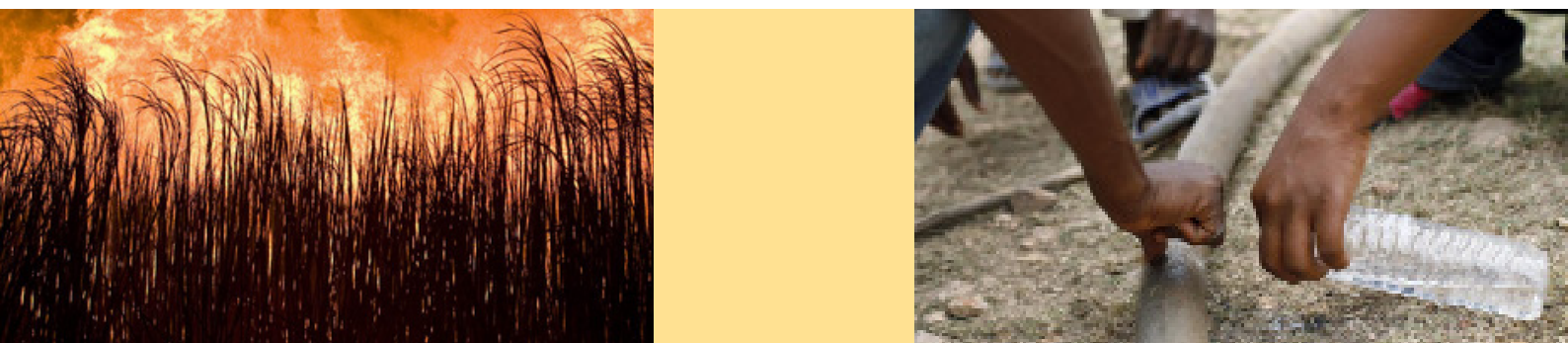
Module III: Planning and Scoping for Country-specific NDO

- › Group work 2 Defining the scope and context for country-specific NDO
- › Group work 3 Establishing NDO - The roles and duties of stakeholders
- › Group work 4 Drafting a detailed NDO implementation plan
- › Plenary discussion 2 Creating a road map for country-specific NDO
- › Plenary discussion 3 GRIP support – What are the next steps?

TARGET AUDIENCE

Participants benefiting from the course include representatives of governmental organizations, NGOs, UN agencies, academic institutions, civil society and private sector with expertise and interest in disaster risk assessment and its use in policy and decision making. In order to gain a holistic picture of disaster risks assessment, decision makers, professionals and practitioners of the following sectors are encouraged to attend the course:

- › Agriculture and food security
- › Critical infrastructure protection
- › Development planning
- › Disaster risk management
- › Emergency response
- › Economics and risk financing
- › Education and school safety
- › Geospatial technology
- › Governance and coordination
- › Health and hospital safety
- › Media and risk communication
- › Spatial and urban planning



COURSE 5. NATIONAL RISK ASSESSMENT

NRA is a strategic risk assessment tool for policy and decision making at national level. It aims at creating a comprehensive and evidence-based understanding of the risks a country is facing in terms of their characteristics, magnitude, spatial distribution, and causes. The comprehensive national risk profile produced through NRA will serve as a crucial input to the formulation or revision of national disaster risk reduction strategies and associated action plans. NRA is a lengthy, multi-disciplinary exercise that is implemented in close cooperation with a wide range of stakeholders, following a four-step process:

- Step 1: Development of readiness for implementing a NRA
- Step 2: Development of a comprehensive national hazard profile
- Step 3: Development of a comprehensive national risk profile
- Step 4: Formulation or revision of national disaster risk reduction strategy

The typical outputs of NRA include:

- Comprehensive national disaster risk profile
- National risk information system including national e-Library
- A set of country-specific disaster risk reduction priorities for national disaster risk reduction strategy
- National disaster risk reduction system strengthened through improved coordination, multi-stakeholder engagement, and risk awareness

COURSE OVERVIEW

This introductory training course on National Risk Assessment has been designed to enhance the participants' capability to plan, facilitate and coordinate national risk assessment as well its use in policy and decision making in terms of development planning and disaster management.

You will learn:

- › Essentials of risk assessment, including key concepts, assessment process, framework, and common challenges, as well as the use of risk information in policy and decision making
- › GRIP's NRA solution and associated practices in developing countries
- › The road map for implementing a comprehensive NRA in a country

You will be able to:

- › Explain the role and importance of NRA in formulating national disaster risk reduction strategy and policy
- › Define the scope and context of NRA in your country
- › Plan, facilitate, and coordinate NRA activities in your country interactively with national stakeholders

You will develop:

- › A preliminary country-specific NRA situation profile
- › An agreed scope of country-specific NRA
- › A draft plan for implementing NRA in your country with a long-term vision

COURSE CONTENT

The course consists of three integral modules, each including lecture sessions, group works, plenary discussions and country presentations.

Module I: Introduction to Risk Assessment and Decision Making

- › Lecture session 1 Issues and challenges in reducing risks and disasters
- › Lecture session 2 Understanding risk and risk assessment
- › Group work 1 Risk assessment and its use in policy and decision making – A preliminary situation
- › Country presentations Existing risk assessment practices in the country

Module II: National Risk Assessment – Framework, Methodology and Practices

- › Lecture session 3 Introduction to NRA
- › Lecture session 4 Contextual framework of NRA
- › Lecture session 5 NRA practices in other countries
- › Plenary discussion 1 NRA – Country-specific issues and challenges

Module III: Scoping and Planning for country-specific NRA

- › Group work 2 Defining the scope and context of country-specific NRA
- › Group work 3 Undertaking NRA – The roles and duties of stakeholders
- › Group work 4 Drafting a detailed NRA implementation plan
- › Plenary discussion 2 Creating a country-specific road map for NRA
- › Plenary discussion 3 GRIP support – What are the next steps?

TARGET AUDIENCE

Participants benefiting from the course include representatives of governmental organizations, NGOs, UN agencies, academic institutions, civil society and private sector with expertise and interest in disaster risk assessment and its use in policy and decision making. In order to gain a holistic picture of disaster risks assessment, decision makers, professionals and practitioners of the following sectors are encouraged to attend the course:

- › Agriculture and food security
- › Critical infrastructure protection
- › Development planning
- › Disaster risk management
- › Emergency response
- › Economics and risk financing
- › Education and school safety
- › Geospatial technology
- › Governance and coordination
- › Health and hospital safety
- › Media and risk communication
- › Spatial and urban planning



COURSE 6. URBAN RISK ASSESSMENT

URA is an operational risk assessment tool for decision and policy making at urban level. Its purpose is to create an evidence-based understanding of the magnitude, characteristics, spatial distribution, causes and possible mitigation options of disaster risks in urban areas. This understanding of risk is critical for the formulation of urban risk reduction policies and action plans, contingency planning, pre-disaster recovery planning and urban spatial planning.

The key outputs and applications of URA include:

- › Plausible damage and loss scenarios for disaster preparedness
- › Comprehensive urban risk profile for disaster risk reduction planning
- › Urban Risk Information System (URIS)
- › Scenario-based contingency and pre-disaster recovery plans
- › Urban spatial plans



COURSE OVERVIEW

This introductory training course on Urban Risk Assessment has been designed to enhance the participants' capability to plan, facilitate and coordinate URA activities.

You will learn:

- › Essentials of risk assessment, including key concepts, assessment process, framework, and common challenges, as well as the use of risk information in public decision making
- › GRIP's URA solution and associated practices in developing countries
- › Preliminary situation of URA in your city
- › The road map for implementing a comprehensive URA in your city

You will be able to:

- › Define the scope and context of URA
- › Plan, facilitate, and coordinate URA activities in your city interactively with urban administrations
- › Explain the role and importance of URA in urban spatial planning, disaster risk reduction planning, and disaster preparedness

You will develop:

- › A preliminary city URA situation profile
- › An agreed scope of URA for your city
- › A draft plan for implementing URA in your city with a long-term vision

COURSE CONTENT

The course consists of three integral modules, each including lecture sessions, group works, and plenary discussions.

Module I: Introduction to Risk Assessment and Decision Making

- › Lecture session 1 Issues and challenges in reducing risks and disasters
- › Lecture session 2 Understanding risk and risk assessment
- › Group work 1 URA and its use in urban disaster risk reduction and disaster preparedness – A preliminary situation review
- › City presentations Existing risk assessment practices

Module II: Urban Risk Assessment – Framework, Methodology, and Practices

- › Lecture session 3 Introduction to URA
- › Lecture session 4 Methodological framework for URA
- › Lecture session 5 URA practices in other countries
- › Lecture session 6 Application examples of URA
- › Plenary discussion 1 URA – City-specific issues and challenges

Module III: Scoping and Planning for Urban Risk Assessment

- › Group work 2 Defining the scope and context of URA
- › Group work 3 Undertaking URA – The roles and duties of stakeholders
- › Group work 4 Drafting a detailed URA implementation plan
- › Plenary discussion 2 Creating a city-specific URA road map
- › Plenary discussion 3 GRIP support – What are the next steps?

TARGET AUDIENCE

Participants benefiting from the course include representatives of governmental organizations, NGOs, UN agencies, academic institutions, civil society and private sector with expertise and interest in disaster risk assessment and its use in policy and decision making. In order to gain a holistic picture of disaster risks assessment, decision makers, professionals and practitioners of the following sectors are encouraged to attend the course:

- › Agriculture and food security
- › Education and school safety
- › Critical infrastructure protection
- › Geospatial technology
- › Development planning
- › Governance and coordination
- › Disaster risk management
- › Health and hospital safety
- › Emergency response
- › Media and risk communication
- › Economics and risk financing
- › Spatial and urban planning



4. PRACTICALITIES



All of GRIP's training courses are based on a learning-by-doing approach in order to develop local capacity and knowledge. They are featured with a wide array of group works and plenary discussions on the issues and challenges faces by the country in question, in order to apply the learned knowledge and skills into practice and generate country-specific solutions. The courses are delivered through national or regional workshops that are jointly facilitated by local stakeholders, including UNCTs and national authorities. Each course is usually delivered over a period of three days, but a tailored plan can be made according to the needs of the participants. To discuss the training agenda for your country, please contact the GRIP team through the contact information presented at the back of the booklet.

For more detailed information about the course as well as other training opportunities and services offered by GRIP, please visit GRIPWeb (www.gripweb.org).



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Resilient nations.*

Global Risk Identification Programme (GRIP)
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