

Network of Associations of Local Authorities of South-East Europe Réseau des Associations de Pouvoirs Locaux de l'Europe du Sud-Est

Request for Proposals and Terms of Reference

Consulting services for development and delivery of online training on DRR

1. Summary of Requirements

The Network of Associations of Local Authorities of South East Europe (in the rest of the document referred to as "NALAS"), within the European Union-funded project Community of Valued Experts in Hydrometeorological and Technological Multi-Hazards (COVALEX), requests proposals from interested consultants for development and delivery of online training on "Effective application of DRR IT tools for hydrometeorological hazards at local level".

2. Invitation

Consultants with proven experience and expertise in Disaster Risk Reduction and Management and teaching and learning methodologies, including development of online trainings are invited to respond to this Request for Proposals.

3. Request for Proposals Terminology

The following terms will apply to this Request for Proposals (RfP) and Terms of Reference (ToR) and to any subsequent Contract. Submission of a proposal in response to this Request for Proposals indicates acceptance of all the following terms:

Terminology

- a) "NALAS" means the Network of Associations of Local Authorities of South-East Europe;
- b) "Contract" means the written agreement resulting from the Request for Proposal executed by the NALAS Secretariat and the successful vendor;
- c) "Contractor" means the successful vendor selected from this Request for Proposal;
- d) "Must", "Mandatory" or "Required" means a requirement that must be met in order for a proposal to receive consideration;
- e) "Consultant" means an individual that submits, or intends to submit, a proposal in response to this Request for Proposal.

4. Closing Date and Location

To be considered, proposals must be received in electronic form not later than **5 February 2024 (Monday)**, **16:00** (CET) at **info@nalas.eu**, with Subject: Offer for development and delivery of online training on DRR.

5. Enquiries

This Request for Proposal can be downloaded from the NALAS website at <u>www.nalas.eu</u>. For any questions about the content of this RfP, please contact NALAS Project Manager, Mr. Miodrag Kolic, at <u>kolic@nalas.eu</u>, or +389 2 3090818.

6. Ownership of Proposals

All documents, including proposals submitted in response to this Request for Proposals become the property of NALAS. However, only the submissions by the successful contractor will be used. Once a contract has been awarded, the name of the successful consultant will be available to the public upon request.

7. Project Overview

The Community of Valued Experts in Hydrometeorological and Technological Multi-Hazards (COVALEX) is a European project funded by DG ECHO, implemented by NALAS in consortium with University of A Coruna

(Lead partner), CIMA Foundation, Italian Red Cross, Greek General Secretariat for Civil Protection and Disaster Competence Network Austria.

The goal of COVALEX is to bridge the gap between first responders (practitioners), civil protection authorities, municipalities and scientific institutions and to foster their collaboration through integrated and coordinated approaches to mitigate vulnerabilities.

Specific objectives of the project COVALEX are to:

- Promote a common conceptual framework of the thematic expertise community for characterising and managing multi-hazard risks.
- Mainstream new governance strategies in the thematic areas of hydrometeorological and technological multi-hazards combining short-term decisions with long-term risk reduction plans through the help of scenario-based exercises, trainings, IT tools, science to civil protection workshops. The latter also includes the Situation and Command Intervention protocols and effective inter-operable communications, improving the dialogue and cooperation among scientific members, technical specialists, policymakers, first responders, and local communities.

The project implementation period is from January 2023 to December 2024.

NALAS is responsible for implementation of the activities for development of a library of best practices and tools for risk awareness for natural and man-made hazards and a training measure.

Therefore, NALAS invites consultants with relevant experience and expertise to submit proposal for provision of Consultancy Services to develop and deliver online training on "Effective application of DRR IT tools for hydrometeorological hazards at local level".

8. Assignment Activities and Related Outputs/Deliverable

The training on "Effective application of DRR IT tools for hydrometeorological hazards at local level" shall be developed in English language, based on the available training curriculum.

The training is targeting local government practitioners, digital innovation hubs of local governments, and local governments headquarters for protection and rescue. The overall objective of the training is to equip the participants with the knowledge and tools necessary to understand how to address the critical challenges faced by the local governments in managing hydrometeorological hazards.

The specific learning objectives of the training are:

- Participants are acquainted with the hydrometeorological hazards and understand the process of risk assessment and the need for resilience building.
- Participants are informed about the European Union perspective and coordination mechanisms in hydrometeorological hazard management.
- Participants are informed about the existing IT tools and platforms for hydrometeorological hazards' risk assessment and management and their applicability at local level by the local governments.

The training shall be organised in up to 4 modules for delivery in format of one day online training. The specific modules and their content shall be based on the training curriculum, methodologically adjusted and updated by the contractor.

The specific responsibilities and tasks of the Contractor within this ToR are:

- 1. <u>Preparatory activities:</u>
- 1.1. Preparatory talks with the NALAS staff and COVALEX partners referring particularly to clarification of background and target groups, discussion of expectations, roles, tasks and deliverables, and to coordination regarding time planning.
- 1.2. Review the NALAS' deliverables developed within the COVALEX project: the Catalogue for Local Government on Open Data and IT Platforms for Emergency Situations and the training curriculum on Effective application of DRR IT tools for hydrometeorological hazards at local level, as a base for developing the training.

1.3. Familiarisation with the NALAS Quality Standards (QSs) for training delivery which should serve as a framework for the development of the training and for the training delivery and facilitation.

The training curriculum is provided in the annex to this ToR. The other respective documents will be provided to the Contractor after signature of the contract.

2. <u>Development of training content and materials:</u>

- 2.1. Finalisation of the training curriculum and defining training specific objectives by using the NALAS standardised template Curriculum Form.
- 2.2. Defining training structure and design (training plan with modules, sessions and lessons) for meeting the training objectives.
- 2.3. Selecting instructional techniques and creating interactive training content (specific learning tools, such as: readings, presentations, exercises, case studies, quizzes, videos, etc.).
- 2.4. Preparation of training content and materials in form of a comprehensive training guidebook for participants with appropriate instructions and guidance for the users, including:
 - Modules' and sessions' introduction, learning objectives and requirements, key tasks for participants, content and training materials ensuring step-by-step learning and smooth flow between different modules and sessions;
 - Examples of best practices, successful case studies and experiences (i.e. testimonials of practitioners, characteristics of successful approaches, role of LGUs, etc.) in application of DRR IT tools for hydrometeorological hazards at local level, as well as illustrations, graphics and photos to illustrate the training;
 - For each module and session, produce required readings, as well as list of suggested readings;
 - Develop Power Point presentations for each module and session, with proposed presentation notes and discussion questions for the plenary discussions, that will introduce participants to the most important topics of each training module and session;
 - For each module and session, design appropriate individual or group exercise/s, assignment/s and test/s, with possible solutions, that will assess participants' knowledge and enable them face real life situations in application of DRR IT tools for hydrometeorological hazards at local level.
 - List training bibliography.
- 2.5. Enable testing and validation of the training, that will include overview of the training content and materials and teaching methods and tools, with a focus group organised by NALAS.
- 2.6. Improve the training content and design based on the input solicited during the testing and validation and feedback provided by COVALEX partners.
- 3. Delivery of training:
- 3.1. Implement three deliveries of the training in the course of 2024, applying the NALAS QSs for training delivery.
- 3.2. Preparatory meetings with the NALAS staff and COVALEX partners before each delivery referring to coordination of activities and clarification of roles and responsibilities, tasks and time planning.
- 3.3. Prepare and perform the pre-assessment of the participants.
- 3.4. Prepare training agenda and detailed training design, based on the specific needs of the participants and the specific legal and institutional contexts.
- 3.5. Conduct the trainings (also, including the resource person/s, if applicable),
- 3.6. Apply the training curriculum, agenda, design and facilitation techniques which are in line with the NALAS QSs and requirements.
- 3.7. Prepare training evaluation questionnaire and conduct training evaluation by the participants.
- 3.8. Prepare training report.
- 4. <u>Reporting:</u>
- 4.1. Prepare a Final Mission Report with all related outputs

The developed training "Effective application of DRR IT tools for hydrometeorological hazards at local level" should take into consideration the COVALEX project and NALAS mission, objectives, strategies, specifics, as well as visual identity.

All activities during the implementation of this ToR will be closely coordinated with NALAS to ensure coordination of approaches, activities, message delivery and branding.

| Activity | Related output/deliverable | Working days | To be completed by |
|---|---|-----------------|-----------------------|
| Signature of contract | Signed contract | / | 9 February 2024 |
| Preparatory activities | A brief inception report compiling the main findings of the preparatory talks and detailed plan and schedule of activities with defined tasks, roles and responsibilities. | 2 | 15 February 2024 |
| Development of training content and materials | Finalised and approved training curriculum (defined learning objectives, target group, key topics, duration, methodological aspects, training content references, and etc.) Developed and approved comprehensive training guidebook for participants with appropriate instructions and guidance for the users (with minimum 40 pages excluded appendices). | 8 | 29 February 2024 |
| Delivery of training: | Conducted trainings. | 10 | |
| Training delivery 1 | Training curriculum. Pre-assessment synthesis reports. | | 29 March 2024 |
| Training delivery 2 | Final trainings agendas. Final detailed training designs. | | 28 June 2024 |
| Training delivery 3 | Training materials used (PPTs, handouts, case studies, etc). | | 25 October 2024 |
| | Photo documentation from the trainings (participants/process and training findings). Prepared trainings reports. | | |
| Reporting | A Final Mission Report with all related outputs submitted for reviewing and approval | 1 | 20 November 2024 |
| | Total working days | 21 | |

The consultant is tasked to execute the following activities and deliver related outputs:

Notes:

- Working time for the entire assignment is estimated to up-to a total of 21 working days.
- The Applicant is expected to provide details about working days for the above-described tasks in his/her proposal.

All activities within this ToR shall be completed no later than 20 November 2024 and during the implementation will be closely coordinated with NALAS to ensure coordination of approaches, activities, message delivery and branding.

All the deliverables within this ToR shall be prepared and developed in English language, and shall be approved by NALAS Project Manager.

9. Proposal submission

The following format and sequence should be followed in order to provide consistency in applicants' responses and to ensure each proposal receives full and fair consideration. All pages should be consecutively numbered.

Technical Offer:

- a) Cover Page, showing applicant's name, address and contact information;
- b) Up to one page Letter of Introduction, signed by an authorised signatory;
- c) Table of Contents, including page numbers;
- d) Presentation of the consultant and her/his suitability for the assignment;
- e) A short summary of the key features of the proposal;
- f) Body of the proposal, including: objectives, approach/methodology, proposed time frame and activity plan.
- g) Proposed working days for each activity.

Financial Offer:

h) The Financial Offer shall contain the total budget for execution of the task, as well as the proposed consultant's daily rate. The budget should be presented in details for all activities. The prices should be stated in EUROS, all taxes (if applicable) shown separately, following the specified Terms of Payment.

Capacity Guarantee:

- i) A Reference List with at least 3 similar tasks conducted;
- j) Detailed CV of the consultant with relevant project references, references' names and contact details.

10. Technical or professional ability of the applicants

In order to qualify as capable of performing the contract for public procurement in terms of its technical and professional qualifications, the consultant must meet the following minimum requirements:

- The consultant has a solid expertise in Disaster Risk Reduction and Management and teaching and learning methodologies, including development of online trainings;
- The consultant has prepared/executed at least 3 similar assignments;
- The consultant has more than seven years of experience in the field of Disaster Risk Reduction and Management, with focus on local governments roles and responsibilities in hazard events, as well as experience in capacity development, with focus on online learning.

11. Evaluation Criteria and Scoring

Evaluation of proposals will be undertaken by NALAS Evaluation Committee. The proposals will be evaluated and rated based on the criteria set out in this RfP. In order to do so:

- The proposal must be submitted in English;
- The proposal must be submitted by the stated deadline;
- The proposal must clearly list, in details, what services will be provided with the associated costs for each component;
- The responses must contain a list of references of past projects and work of this nature, with contact names and telephone numbers.

The Evaluation Committee will evaluate the proposals based on the following criteria:

- 40% Consultant's Profile: Consultant's expertise and experience for fulfilling the tasks under this RfP. Previous experience with NALAS and familiarity with NALAS and its capacity development approach will be considered as an asset;
- 30% Technical Offer: proposed approach/methodology, solutions, work plan;
- 30% Financial Offer.

12. Terms of Payment

The payment will be done in 2 instalments. First instalment after completion of the development and approval of the training content and materials, and second instalment after completing the assignment and approval of all other deliverables, as described in Chapter 8 of this RfP.

13. Modification of Terms

NALAS reserves the right to modify the terms of the RfP at any time at its sole discretion.

14. Consultant Expenses

Consultants are solely responsible for their own expenses in preparing a proposal and for subsequent negotiations with NALAS. Short-listed proposals may be asked to make a presentation to the Evaluation Committee, which will be solely at the Consultants own expense.

15. Acceptance and Rejection of Proposals

NALAS may not necessarily accept the lowest priced proposal or any proposal. At its sole discretion, NALAS reserves the right to reject any or all proposals received and to accept any proposal which it considers advantageous, whether or not it is the lowest priced proposal. NALAS is not under any obligation to award a contract, and reserves the right to terminate the Request for Proposal process at any time, and to withdraw from discussions with all or any of the Consultants who have responded. NALAS reserves the right to accept the proposed offer in total or in part, to reject any or all offers, to waive any minor informalities, irregularities, or technicalities, and to accept the offer deemed most favourable to the Network.

16. Contract Negotiation

NALAS reserves the right to negotiate specific terms of the contract with the short-listed proponents prior to the final award of the contract. NALAS also reserves the right to negotiate specific terms of the contract with the Contractor as the contract progresses.

17. Ownership

All materials, documents and information prepared, developed or adjusted by the contractor for the purposes of realisation of the assignment under this ToR, remain the property of NALAS. The contractor agrees that no part of the training materials, documents and information may be reproduced or distributed in any form, or by any means, or stored in a database or retrieval system, for any other purposes and objectives than those related to this ToR.

Thank you for your interest in submitting a proposal. It is hoped that the information provided is of value and should anything be unclear, please contact NALAS directly.

Annex:

Training curriculum on Effective application of DRR IT tools for hydrometeorological hazards at local level.





HYDROMETEOROLOGICAL HAZARDS – RISK AND MITIGATION





Milestone 7: Training Content

DOCUMENT INFORMATION PAGE

| Grant Agreement No.: 101101710 | Deliverable Due Date: M6 | |
|--|----------------------------------|--|
| Project Starting Date: 01 January 2023 (24 months) | Actual Submission: December 2023 | |
| Deliverable No.: 3.3 (WP3) | Leading Partner: NALAS | |

KEY WORDS

Training curriculum

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Executive Summary

Europe has experienced devastating hydrometeorological hazards in the past and, with the current climate change prospects, will do so even more in the future. An interconnected world and systems make disaster governance a key issue in dealing with different risks as hydrometeorological hazards can potentially also affect technological infrastructure and be the trigger for further hazards.

Europe faces challenges due to diverse governance structures, varying risk perceptions, and different levels of vulnerability across countries. Effective disaster governance requires collaboration among stakeholders at all levels and investment in research and innovation.

Disaster governance actors include public agencies, emergency and rescue services, academia, NGOs and CSOs, industries, and operators of critical infrastructure. A survey conducted among COVALEX stakeholders revealed that public authorities are the most prominent actors in the network at the moment. Their main concerns are floods, torrential rain, and storms.

Risk perception is an important factor in disaster governance. The participants expect a shift in relevance towards risks such as heat waves, droughts, and wildfires in the next 10 years. In terms of requirements for the COVALEX network, the participants expressed interest in the exchange of best practices and experiences, learning about different disaster governance strategies, and collaboration and education.

About COVALEX

COVALEX aims to establish a common and extended community of experts on the experience, geographical coverage and diverse sectoral networks in hydro-meteorological multi-hazards events. Science can practically challenge the phenomena, science can practically challenge those phenomena and foster the processes of prevention, preparation and testing. It pools four DG ECHO networks and project-driven first responders' communities, mainstreams the evidence-and science-based risk governances and interoperability communications approach to decision-makers, rescue and humanitarian actors.

The Community will build capacity by engaging 11 partners from 10 countries and their networked members. Though we bring together, promote and strengthen the capacities and knowledge of experts, decisionmakers, politicians and multipliers as public service providers, media, NGOs. We build a databank of experts that can be further engaged and involved in international and local case studies and events. We bring academia, practitioners, and decisionmakers for multidisciplinary and cross-sectoral cooperation to apply scientific knowledge to disaster risk management (DRM), accentuating hydrometeorological and technological driven disasters.

Main outputs: pipeline with scenario-based exercises, living-learning content combined with open-source support tools for decision-makers, scientific community events, including hackathons, themed discussions and boost of science for resilience, activated over 200 experts in the COVALEX database, delivered three scenario-based experiences trained over 200 persons, one common framework for engaging all actors, scientists and IT developers for greater use of human-centered scientific approach to resilience and civil protection.



Table of Contents

| Milestone 7: Training Content | . 1 |
|---------------------------------------|-----|
| Executive Summary | . 2 |
| About COVALEX | . 2 |
| Milestone 7 Training Content | .4 |
| Deliverable D3.3: Training Curriculum | . 4 |





Milestone 7 Training Content

Deliverable D3.3: Training Curriculum

Starting point:

This comprehensive training curriculum has been designed to address the critical challenges faced by local governments in managing hydrometeorological hazards.

Acknowledging the existing lack in comprehensive knowledge in these areas, the training curriculum seeks to rectify this gap by providing a thorough understanding of the topic. Beyond merely addressing the identified knowledge gap, the curriculum also intends to equip participants with tools and platforms for further improvement, capacity development, and engagement in practical activities.

The curriculum covers a wide spectrum of topics, including risk assessment, resilience building, and the utilization of international frameworks and EU mechanisms. Recognizing the complexity of these issues, the training aims to equip local government officials with the knowledge and tools necessary to navigate the multifaceted landscape of disaster management.

This curriculum provides a comprehensive overview of hydrometeorological, technological and multi-risk aspecto hazards, risk assessment, resilience building, and the utilization of international frameworks and EU mechanisms. It also emphasizes practical applications through case studies and the use of IT tools and platforms.

According to the NALAS' methodology for development of trainings, the curriculum format provides a frame and serves as a base for development of the training content and training materials by the team of experts.





Curriculum for training on "Effective application of DRR IT tools for hydrometeorological hazards at local level"

Overall learning objective:

The participants are equipped with the knowledge and tools necessary to understand how to address the critical challenges faced by the local governments in managing hydrometeorological hazards.

Specific learning objectives:

- Participants are acquainted with the hydrometeorological hazards and understand the process of risk assessment and the need for resilience building.
- Participants are informed about the European Union perspective and coordination mechanisms in hydrometeorological hazard management.
- Participants are informed about the existing IT tools and platforms for hydrometeorological hazards' risk assessment and management and their applicability at local level by the local governments.

Key topic(s)/potential sessions:

Module 1: Introduction to Hydrometeorological Hazards

1.1 Understanding the Risk

1.2 Building Resilience

1.3 Reducing Risks

Module 2: Risk Evaluation and Readiness Assessment

2.1 International Frameworks and Indicators

2.2 Evaluation Process

Module 3: European Union Perspective

3.1 EU Institutions and Research in JRC

3.2 EU Civil Protection Mechanism

3.3 Emergency Response Coordination Centre (ERCC)

Module 4: IT Tools and Platforms

4.1 DG ECHO and JRC Offerings

- 4.2 Resources for Practitioners
- 4.3 Commercial IT Platforms

Target group:

- Local government practitioners;
- Digital innovation hubs of local governments;
- Local governments headquarters for protection and rescue.

Duration and format:

1 day training (online)



Curriculum Topics:

Module 1: Introduction to Hydrometeorological Hazards

1.1 Understanding the Risk

- Definition and classification of hydrometeorological hazards
- Overview of historical events and their impacts
- Glossary of terms used in hydrometeorological hazard assessment

1.2 Building Resilience

- Definition of resilience in the context of hydrometeorological hazards
- Strategies for building resilience at the local government level
- Case studies showcasing successful resilience initiatives

1.3 Reducing Risks

- Exploring methods for risk reduction and mitigation
- Implementing early warning systems
- Community engagement and participation in risk reduction

Module 2: Risk Evaluation and Readiness Assessment

2.1 International Frameworks and Indicators

- Overview of SDG indicators related to hydrometeorological hazards
- New Urban Agenda Monitoring Framework and related indicators
- UNDRR Disaster Resilience Scorecard for Cities
- OECD indicators for resilient cities
- Risk Systemicity Questionnaire
- Introduction to the ThinkHazard! tool

2.2 Evaluation Process

- Step-by-step guide for cities and municipalities to assess their risks
- Identifying vulnerabilities and capacities
- Utilizing international indicators for evaluation

Module 3: European Union Perspective

3.1 EU Institutions and Research in JRC

- Overview of EU institutions involved in hydrometeorological hazard management
- Role of the Joint Research Centre (JRC) in research and data analysis

3.2 EU Civil Protection Mechanism



- Definition and elements of the EU Civil Protection Mechanism
- Assistance provided by the mechanism during emergencies
- 3.3 Emergency Response Coordination Centre (ERCC)
- Understanding the role of ERCC in coordinating responses in Europe
- Case studies demonstrating effective coordination

Module 4: IT Tools and Platforms

- 4.1 DG ECHO and JRC Offerings
- Overview of IT tools and platforms provided by DG ECHO and JRC
 - The European Union's Mechanism for Civil Protection offers a range of IT tools and platforms, such as:
 - Copernicus Emergency Management Service (EMS) On Demand Mapping, https://emergency.copernicus.eu Copernicus EMS On Demand Mapping provides on-demand detailed information for selected emergency situations that arise from natural or man-made disasters
 - European Flood Awareness System (EFAS) https://www.efas.eu/en; https://www.efas.eu/efas_frontend/#/home;
 - MARINER Knowledge Tool and modelling Platform mariner-project.eu Favicon http://mariner-project.eu/assets/uploads/mariner/resultados/33a7cbooklet_environmental_monitoring_final.docx.pdf
 - Euro-Mediterranean Cooperation on Natural Disasters https://www.iemed.org/publication/euro-mediterranean-cooperation-on-naturaldisasters-civil-protection-and-emergency-management
 - The INFORM risk assessment tool is open-source and its results support decisions at different stages of the disaster management cycle, including prevention, preparedness and response. https://drmkc.jrc.ec.europa.eu/inform-index
 - Prevention web https://www.preventionweb.net/files/50823_drmkcnl5final.pdf4.
- Demonstrations of their functionalities
- 4.2 Resources for Practitioners
- Accessing and utilizing resources available through EU mechanisms
- Case studies showcasing successful use of resources
- 4.3 Commercial IT Platforms
- Overview of commercially available IT platforms for hydrometeorological hazard management
- Considerations for choosing the right platform for local government needs



Explanations of modules:

Module 1: Introduction to Hydrometeorological Hazards

Justification for Training on Building Resilience and Reducing Risks:

Understanding what it means to "build resilience" and why it is crucial as many local governments (LG) may lack comprehensive knowledge in this area. LGs are weakly prepared in building resilience, and the lack of knowledge and understanding of what it involves prevails. This introductory part needs to cover the glossary and terms, discuss involvement of other levels of government, and stakeholders from local community to anticipate, prepare for, respond to, and recover from the adverse impacts of hydrometeorological hazards. The introductory part needs to discuss the vital importance of risk reduction, a range of measures to minimize the likelihood and impact of disasters on communities such as infrastructure development, early warning systems, land-use planning, community engagement, and policy implementation, but also inter-governmental cooperation and cooperation with EU agencies.

Without a clear understanding of these concepts, local governments may struggle to formulate effective strategies to enhance their community's ability to withstand and recover from disasters. The lack of knowledge in this area may result in inadequate planning, leading to increased vulnerability and prolonged recovery periods after hydrometeorological events.

Module 2: Risk Evaluation and Readiness Assessment

Justification for Training Modul on Risk Evaluation and Readiness Assessment:

Understanding international frameworks and indicators (Module 2.1) is vital for local governments because it provides a standardized and globally recognized approach to assessing and addressing hydrometeorological hazards. The Sustainable Development Goals (SDGs), New Urban Agenda, UNDRR Disaster Resilience Scorecard, OECD indicators, Risk Systemicity Questionnaire, and the ThinkHazard! tool are instruments that offer a comprehensive framework for evaluating risks and resilience at the local level. By exploring these frameworks, local governments gain insights into globally acknowledged indicators and benchmarks, enabling them to align their strategies with international best practices. This ensures that their

risk assessments and resilience-building efforts are not only effective locally but also contribute to broader global objectives.



Disaster Resilience Scorecard for Cities



A tool for disaster resilience planning

The Disaster Resilience Scorecard for Cities or the Scorecard was published in 2017 at the Global Platform for Disaster Risk Reduction in Cancun, Mexico. It was developed by United Nations Office for Disaster Risk Reduction (UNDRR) with the

Download the Scorecard Download the Scorecard in PDF or Excel tool

format, available in various languages below:



The Evaluation Process (Module 2.2) is important as it equips cities and municipalities with a systematic and practical guide to assess their risks and readiness for hydrometeorological hazards. This guidance facilitates a structured approach, allowing local governments to start their analysis and identify vulnerabilities and capacities within their communities. By utilizing international indicators in the evaluation process, this will ensure that assessments are comprehensive, standardized, and comparable globally. With this module, local decision-makers are empowered with the knowledge on the importance of measurements and evaluations in order to prioritize actions, allocate resources effectively, and tailor their

UNDRR

strategies based on the specific needs identified through the evaluation process. The module's focus is on understanding that the evaluation process is important in enabling local governments to make informed decisions and implement targeted interventions that enhance their community's resilience to hydrometeorological hazards.

 Prevention
 Home
 Understanding disaster risk
 Knowledge Base
 Community
 Sendal Framework
 Q

 Home
 > dr community voices
 17 October 2023

An open-source tool to assist in multi-hazard risk assessment Author(s): Rabina Twayana



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Module 3: European Union Perspective

The European Union Perspective module is critical for local governments as they lack knowledge and comprehensive understanding of the EU's role in hydrometeorological hazard management. The overview of EU institutions involved in hazard management (3.1) ensures that local authorities are aware of the diverse agencies and bodies contributing to the region's

resilience. This knowledge is important in fostering collaboration, both nationally and internationally, as local governments can leverage the expertise and resources offered by EU institutions. Describing the role of the Joint Research Centre (JRC) emphasizes the importance of research and data analysis in informed decision-making. Local governments can benefit



CACTIVE Emergencies CECHO DAILY Flash







from JRC's contributions to scientific understanding and its role in providing data that informs

effective hazard management strategies.

The look at the EU Civil Protection Mechanism (3.2) further enhances the training's significance by outlining the structure and elements of a collaborative approach to disaster response.



Understanding the mechanism's definition and elements enables local governments to tap into EU-wide assistance during emergencies. This not only enhances the efficiency of emergency responses but also fosters a cooperative and coordinated response to hydrometeorological events and a sense of solidarity among European nations. Finally, the examination of the Emergency Response Coordination Centre (ERCC) (3.3) underscores the importance of centralized coordination in responding to crises.

Module 4: IT Tools and Platforms

The IT Tools and Platforms module addresses the growing importance of technology in hydrometeorological hazard management. The overview of IT tools and platforms provided by



DG ECHO and JRC (4.1) introduces local authorities to technologies specifically designed for disaster response and risk reduction. Understanding these tools is essential for optimizing decisionmaking processes during emergencies and by demonstrations, their functionalities will empower local officials to use the full potential of these tools, ensuring efficient data analysis, communication, and coordination in the face of hydrometeorological hazards. In times where technology plays a

pivotal role in disaster management, this module provides local governments with the skills and knowledge necessary to leverage the ICT for effective response and resilience building.





Additionally, the Resources for Practitioners component (4.2) is equally vital as it guides local authorities in accessing and utilizing resources available through EU mechanisms. This includes not only IT tools but also valuable knowledge repositories, guidelines, and case studies. By showcasing successful use cases, this module provides practical insights into how these resources can be effectively employed in real-world scenarios.

Commercially available platforms or tools offered via non-governmental and civil society organizations need to be discussed too.

The module will serve as a bridge between technological tools and the wealth of knowledge available, empowering local practitioners to make informed decisions for the safety and resilience of their communities.

Optional workshop for practical application and case studies

Optionally, an additional workshop will be developed in cooperation with all COVALEX partners which will present the collected materials for the LibLab. The use of resources available on the LibLab will be described, following new updates and increasing the community of knowledge and practitioners.





HYDROMETEOROLOGICAL HAZARDS - RISK AND MITIGATION -





Funded by European Union Civil Protection

PARTNERSHIP









+ Croce Rossa Italiana