# Strengthening National and Sub-National Capacity for DRR & CCA in Maldives under SDG-Fund

**Project Introduction** 

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## **Summery Information**

- Delivery: 2 outcome and 3 output
- A Collaborative Work
- Timeline
- Some of the Programs and products

- ☐ A two years SDG-Funded Project
- ☐ Collaboration Between ESCAP, UNDP, local/national & international partners



# The Highlights

- ➤ Brought the global agenda on disasters in local context to bridge science and policy for DRR and CCA in the country
- ➤ Used global scenarios of climate projection data with enhanced spatial scale to improve the visibility of risks at the atoll and island level
- ➤ Identified the pertinent sectors and relevant climate variables to develop risk information and analysis
- ➤ Updated and enhanced the risk analysis by integrating stakeholder's feedback, suggestions and priorities to make it more contextual and actionable
- Enhanced accessibility and utility of the data and analysis through dedicated country specific decision support system under ESCAP Risk and Resilience Portal



## **Summery Information**

2 outcome and 3 output



Outcome 1: National and sub-national institutions and communities in Maldives, particularly at-risk populations, are better able to manage natural resources and achieve enhanced resilience to climate change and disaster impacts, natural and human-induced hazards, and environmental degradation



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Output2: Enhance the institutional capacity of MMS for upgrading and scaling up the monsoon forums with better customized climate and weather risk reduction services at atoll and island level



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Output1: Gender responsive planning tools and guidelines for CCA/DRR

# Sustainable Development Goals (SDGs)















## **Summery Information**

A Collaborative Work

## Some of the Partners:

**National Disaster Management Authority** 

**UN Agencies** 

**Local Government Authority** 

**Land Survey Authority** 

Infrastructure

**Island & Atoll Councils** 

**Ministry of Climate Change, Environment and Energy** 

**AP-PLAT** 

Ministry of National Planning, Housing &

**RIMES** 

**Maldives National University** 

**Maldives Meteorological Services** 





## **Summery Information**











Publication of 4

manuals

2024

Initial timeline: 1 Jan2022-31 Dec2023

Extended to 31 March 2024

	Recruiting the Consultants		do	pdating the methodology for more wascaled approach, collecting and ding the requested data
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	May-Midterm Review 8 <sup>th</sup> Monsoon Forum	June: Technical on GIS&QGIS	Training	Portal & data integration into national platforms
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Final Report and Risk



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#### October 2022 - First Stakeholder Consultation



- > Feedback on the work
- > Request on more downscaled hazard risk projections
- > Additional data requests





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#### May 2023



- > Feedback on the work
- > Confirmation of findings and initial validations
- **➤** Collecting Data
- **>** Capacity Building





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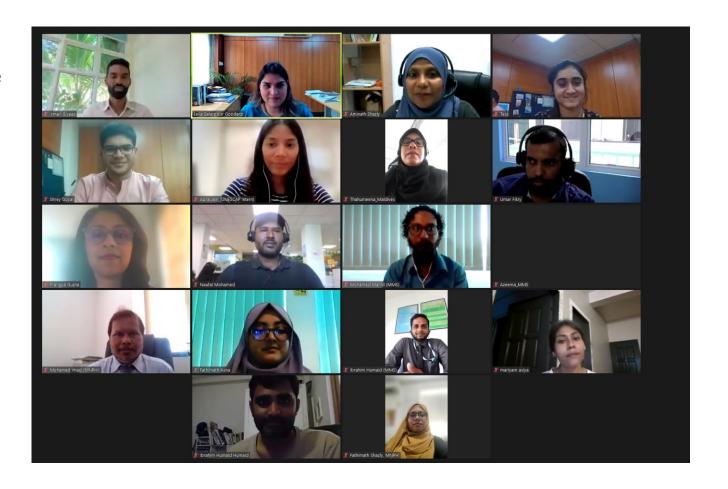
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	First Capacity Buildings Using	the portal	0	Climate change
	Prototype		and Risk Ana	lysis
	Series of Capacity			
	Building of the RRP 1-April			

Final Report and Risk

#### First Technical Training (Online)

- **>** June 2023
- **➤** Basic Training on GIS and QGIS Software







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#### Second Technical Training (In-Person)

➤ August 2023

➤ A Two-day Workshop on Climate Change and Disaster Risk Analysis In Maldives Using Geospatial Data and Applications



Participants were equipped with the necessary skills to find, upload, create, and use maps through GIS.





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#### **RISK AND RESILIENCE PORTAL**

An Initiative of the Asia Pacific Disaster Resilience Network

Bridging the science policy gap for informed disaster and climate action





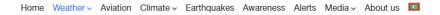




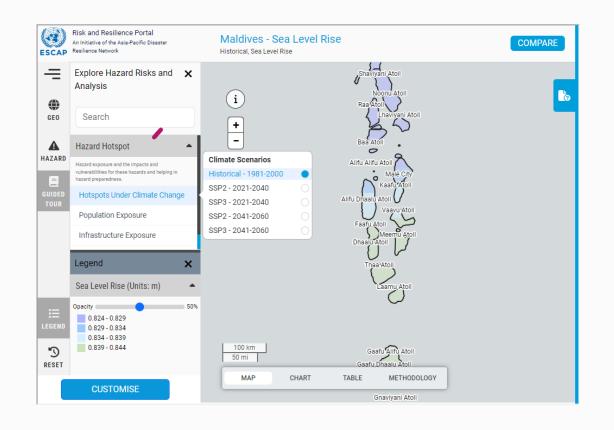








#### **Integrating the Portal into National Systems**





# **Hosting the Data In National Level**

National Disaster Management Authority Maldives Meteorological Services

Maldives National University





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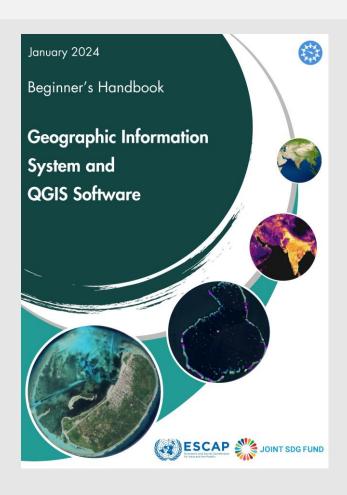
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# **Knowledge Products**

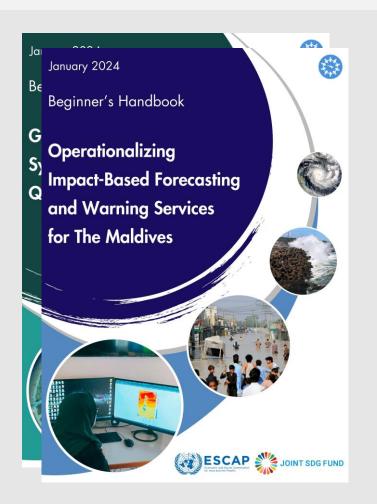






- English
- This manual aims to enhance basic knowledge and skills in Geographic Information System (GIS) and the usage of the QGIS software.





- English
- This manual is prepared to introduce impact-based forecasting and the substantive steps for producing an impact-based forecast, with a focus on the local context of Maldives to enhance the capacity of the Maldives Meteorological Service (MMS) in providing impact-based forecasting and early warning services.

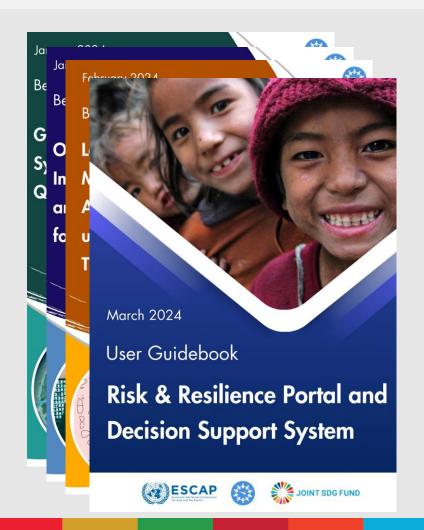




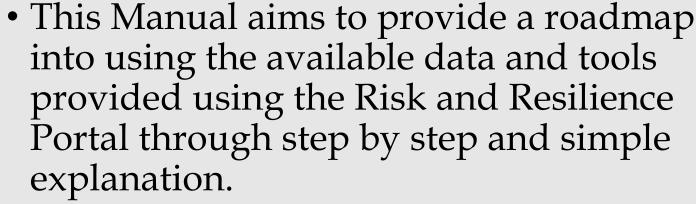
#### English

- This manual provides step-by-step guidance on climate risk assessment the Maldives using downscaled climate projection information and geospatial technology.
- The manual is specifically designed for beginnerlevel operators and includes detailed illustrations of each step to ensure ease of understanding.
- This manual can be used to develop and update the national/sub-national climate risk profile of countries using opensource data and software





- English
- **Dhivehi** Upcoming in collaboration with UNDP



• It would allow non-technical individuals in different levels access and use the data.





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	Series of Capacity			



2024

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**Building of the RRP** 

Final Report and Risk
Profile of Maldives



Series of Capacity
Building on the Use of
the Risk and Resilient
Portal





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#### **Some of the Action Points Moving Forward:**

- ❖ Dissemination of the Data in National and Subnational Level
- ❖ Continuous Training on Risk and Resilience Portal through NDMA, MNU and other partners
- ❖ Providing the data to Students and technical experts for further work
- ❖ Assist Partners in increasing and updating the available data for a sustainable appaorch
- ❖ Using innovative tools to allow more interactive work with the portal
- ❖ Supporting partners to integrate the data and findings into future works
  - ✓ Early Warning for all initiative
  - ✓ Loss and Damage fund for slow onset disasters
  - ✓ Disaster Risk Reeducation Plans by NDMA



