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# Incorporating drought risk modelling as a planning tool for climate change adaptation measures in Saint Kitts and Nevis

Stakeholder working group description



FWR6614-RT004-R01-00

22 February 2022

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## Document history

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## Document authorisation

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# 1 Introduction

## 1.1 Project summary

In an effort to address the impacts of climate change and climate variability in a sustainable way, access to critical information within the water sector is vital. Drought prediction models can identify areas most susceptible to water supply variability and shortages, and therefore facilitate early action to manage risks. In doing so, this will increase resilience in the water sector to improve agricultural use of water resources and therefore ensure food security and water usage including from the domestic sector and the tourism sector in Saint Kitts and Nevis. The overall objective is to incorporate drought risks modelling as a planning tool for climate change adaptation measures in Saint Kitts and Nevis. The main outputs include:

- Map stakeholders and establish a stakeholder working group;
- Assess drought risk and water resources in Saint Kitts and in Nevis;
- Benchmark, design and implement a drought prediction model in Saint Kitts and in Nevis;
- Train administrators and users of Saint Kitts and Nevis to the drought prediction model.

The Project outcomes respond directly to SDG 13 'Taking early action to combat climate change and its impacts' by providing a system that will support planning and decision-making for the sustainable management and conservation of water resources in Saint Kitts and Nevis. The Project will also contribute to SDG 1 (End poverty), SDG 2 (Food security) and SDG 6 (Availability and sustainable management of water) as the drought prediction model will improve agricultural and use of water resources, improve food security and increase the income of rural communities.

## 1.2 About this report

The purpose of this report is to describe the key project stakeholders and organisations that have formed the Stakeholder Working Group (SWG). Other relevant stakeholders may be identified during the project execution. In this case, the additional information will be added to an updated version of this report.

# 2 Stakeholder Working Group description

The SWG consists of representatives of 12 organisations, taking account of gender balance and an adequate representation of sectoral interests and vulnerable groups. The SWG has been agreed and formalised by the Department of Environment, Ministry of Environment and Cooperatives.

The SWG will provide a technical overview and high-level guidance at each stage of assignment whilst members of the restrictive working group are expected to make sound decisions on some key aspects of the assignment such as the collection of climate and meteorological data needed for the vulnerability study (Output 2), the definition of the drought prediction model (Output 3), and the training of the official representatives of Saint Kitts and Nevis to the drought prediction system (Output 4).

Table 2.1 presents a list of the members of the SWG and their agency's primary function, the agency focal point and agency representative serving on the committee. The first meeting of the SWG was held virtually on Thursday, January 20, 2022. Of the 14 SWG representatives in attendance at the first meeting, 8 were females and 6 were males. Following the first meeting, the SWG will meet every 6 weeks to discuss progress, review deliverables and plan future activities.

Table 2.1: Stakeholder map for St. Kitts and Nevis

Stakeholder	Primary function	Agency Focal Point Name and Position	Agency Representative on the SWG Name and Email Address
Department of Environment Ministry of Environment and Cooperatives	Primary focal agency for climate change action in St. Kitts and Nevis, with responsibility for compliance with the reporting requirements under the UNFCCC.	Cheryl Jeffers, Senior Conservation Officer	Cheryl Jeffers cheryl.jeffers@gov.kn  Derionne Edmeade derionne.edmeade@gov.kn
Water Services Department Ministry of Public Infrastructure, Utilities, Posts and Urban Development	Maintains control over water production and distribution.	Cromwell Williams, Manager / Water Engineer	Cromwell Williams cromwell.williams@gov.kn  Chantal Hanley, Assistant Water Engineer chantal.hanley@gov.kn
National Emergency Management Agency	Coordinates and facilitates pre and post disaster management activities at the community and National levels.	Abdias Samuel, Director	Oureika Lennon-Petty oreika.lennon-petty@gov.kn
Department of Agriculture Ministry of Agriculture, Fisheries and Marine Resources	Provides technical support that is needed to ensure that the citizens and residents of the Federation are food and nutritionally secured through various initiatives and programmes.	Tracey Challenger, Director	Yushaner Jeffers, Agronomist yushaner.jeffers@gov.kn
Integrated Water Resources Management Unit Ministry of Communications	Responsible for the identification, upkeep and protection of water supply sources on Nevis.	Floyd Robinson, Director	Floyd Robinson (not in attendance at first meeting) floyd.robinson@niagov.com

Stakeholder	Primary function	Agency Focal Point Name and Position	Agency Representative on the SWG Name and Email Address
Department of Physical Planning (GIS Lab) Ministry of Sustainable Development	Responsible for the physical development of the country, taking account of all the relevant social, economic and environmental factors. Houses the National GIS lab.	Jay Farier, Director	Graeme Browne, GIS specialist thegislabskn@gmail.com
Inter-American Institute for Cooperation on Agriculture (IICA)	IICA is a specialized agency for member states of the Americas including St. Kitts and Nevis which provides support to achieve agricultural development and rural well-being.	Sharon Jones, IICA SKN Technical Specialist	Sharon Jones Sharon.jones@iica.int
Nevis Water Department Ministry of Communications	Maintains control over water production and distribution.	Tonya Bartlette, Manager	Tonya Bartlette tonya.bartlette@niagov.com
Nevis Department of Disaster Management	Coordinating agency providing core functions of coordination, policy development and resilience building.	Brian Dyer, Director	Brian Dyer brian.dyer@ndmd.kn  Jacob (Jack) Ngumbah jack.ngumbah@ndmd.kn  Asha Daniel Asha.daniel@ndmd.kn
Nevis Department of Agriculture Ministry of Agriculture	Provides technical support that is needed to ensure that the citizens and residents of the Federation are food and nutritionally secured through various initiatives and programmes.	Randy Elliott, Director	Randy Elliott, Director (not in attendance at the first meeting) agriculture.dept@niagov.com

Stakeholder	Primary function	Agency Focal Point Name and Position	Agency Representative on the SWG Name and Email Address
Nevis Meteorological Services Nevis Air and Sea Ports Authority	Provides reliable meteorological and aviation information to the general public and to aircraft at the Vance Amory Airport. Observes the weather elements, report the observation to aviation personnel, businesses and media houses, prepare and transmit the observations, and compile climatological data.	Daron Sutton, Airport Manager	Kiah Wilkes kiahwilkes@gmail.com
St. Kitts Meteorological Services St. Kitts Air and Sea Ports Authority	Provides reliable meteorological and aviation information to the general public and to aircraft at the RLB airport. Observes the weather elements, report the observation to aviation personnel, businesses and media houses, prepare and transmit the observations, and compile climatological data.	Elmo Burke, Chief Met Officer	Vincere Benjamin vincere.benjamin@scaspa.com





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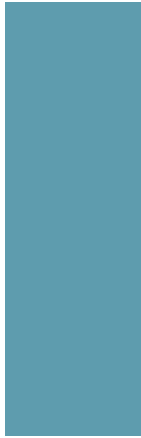


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