

KEY CLIMATE CHANGE IMPACTS AND RISKS REPORTED IN NATIONALLY DETERMINED CONTRIBUTIONS AND NATIONAL COMMUNICATIONS

INTRODUCTION

Damage to coastal infrastructure

Destruction and loss of property

Loss of cultural heritage sites

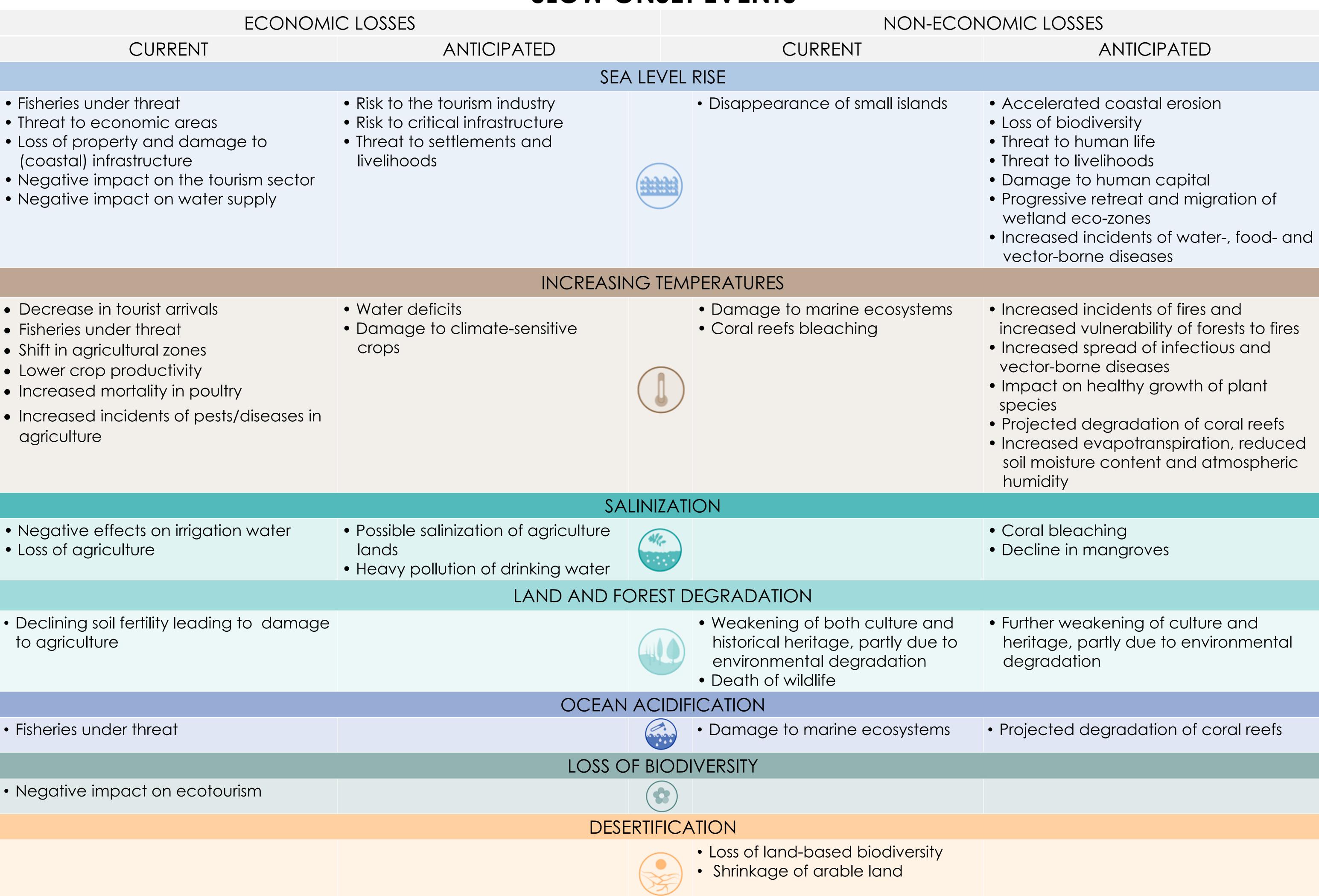
Coastal erosion

This document presents a climate risk landscape of selected countries' Nationally Determined Contributions (NDCs) and National Communications (NatComs), including countries from small island developing states (SIDS) and least developed countries (LDCs). A total of 49 NDCs (34 SIDS and 27 LDCs). and 45 NatComs (34 SIDS and 27 LDCs) were reviewed.

METHODOLOGY

The information was extracted through the use of a keyword search, in relation to the impacts and risks associated with climate change impacts, including extreme weather events and slow onset events. Only documents available in English were included in this desk research. For the purpose of presenting the overview below, climate impacts currently observed and/or the climate risks that countries foresee are clustered by economic and non-economic losses under various climate events with which the identified losses are associated.

SLOW ONSET EVENTS



	EXTREME	WEATHER EVENTS		
ECONOMIC LOSSES		NON-ECONC	NON-ECONOMIC LOSSES	
CURRENT	ANTICIPATED	CURRENT	ANTICIPATED	
	DI	ROUGHT		
 Fresh water shortages Seasonal food shortages Declines in harvests, cattle, goats, sheep and poultry Reduction in agricultural revenue 	 Reduced productivity in agriculture Risk of famine Loss of wildlife Negative impact on the tourism sector 	 Spread of respiratory ailments Decrease in human well-being Conflicts and ethnic violence 	 Forced migration Threat to wildlife Loss of forest productivity Dried up lakes and water trenches 	
		FLOOD		
 Volatile economic growth Destruction of fields and crops Damage to water infrastructure, quality and supply Damage to infrastructure, settlements and property Impact on culture fisheries 	 Negative impact on fisheries infrastructure Damage to coastal infrastructure Heavy pollution of drinking water 	 Increased deforestation Human displacement 	Loss of forest due to flash floods	
	HE	ATWAVE		
• Fall in dairy cattle yields		 Heat stress Heat-related deaths Altered rates of cardiovascular and respiratory diseases 	 Increased number of heat related complaints and deaths 	
	CYCLO	NE/TYPHOON		
 Damage to infrastructure Extensive property damage Tourism sector under threat 	Damage or destruction of crops	 Loss of lives Displacement of populations, which may become climate refugees 	 Increase number of climate refugees or climate change displacement 	
	STO	RM SURGE		

Damage to coral reefs

Damage or destruction of crops

Destruction of property

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