# PACIFIC RISK PROFILE – KIRIBATI

## COUNTRY OVERVIEW

* [**81 m**](https://www.spc.int/our-members/) maximum height above sea level
* [**811 km²**](https://www.spc.int/our-members/) land area and [**146**](https://sdd.spc.int/digital_library/pocket-statistical-summary-resume-statistique-de-poche-2020) people per km²
* [**57%**](https://sdd.spc.int/digital_library/pocket-statistical-summary-resume-statistique-de-poche-2020) population is urban
* [**100%**](https://sdd.spc.int/mapping-coastal) of population live with 1km of coast
* [**118,749**](https://sdd.spc.int/topic/population) total population
* [**58,507**](https://sdd.spc.int/topic/population) (49.27%) men and [**60,242 women**](https://sdd.spc.int/topic/population) (50.73%) in 2020
* [**35%**](https://sdd.spc.int/topic/population) of population is 14 or younger, [**18%**](https://sdd.spc.int/topic/population) is aged 15-24 and [**6%**](https://sdd.spc.int/topic/population)is 60 years and older
* [**4.1%**](https://www.unescap.org/publications/disability-glance-2019) disability prevalence
* [**$1636**](https://sdd.spc.int/digital_library/pocket-statistical-summary-resume-statistique-de-poche-2020) USD gross domestic product per capita
* [**52%**](https://www.adb.org/publications/gender-statistics-pacific-and-timor-leste) women’s labour force participation
* [**36%**](https://www.adb.org/publications/gender-statistics-pacific-and-timor-leste) women’s share of managerial positions
* [**47.4%**](https://www.adb.org/publications/gender-statistics-pacific-and-timor-leste) women’s share of wage employment in the non-agriculture sector
* [**68%**](https://www.adb.org/publications/gender-statistics-pacific-and-timor-leste) ever-partnered women who have experienced violence by an intimate partner.

## HAZARD LIKELIHOOD

(link: [**https://thinkhazard.org/en/report/135-kiribati**](https://thinkhazard.org/en/report/135-kiribati))

| **Wildfire** | **Landslide** | **Cyclone** | **Coastal flood** | **Tsunami** |
| --- | --- | --- | --- | --- |
| Very low likelihood | Very low likelihood | Low likelihood | High likelihood | High likelihood |

## ECONOMIC LOSS DUE TO DISASTERS

* [**$7.46m**](https://www.unescap.org/sites/default/d8files/IDD-APDR-Subreport-Pacific-SIDS.pdf) USD total average annual loss due to disasters, which is [**3.77%**](https://www.unescap.org/sites/default/d8files/IDD-APDR-Subreport-Pacific-SIDS.pdf) of GDP

## ADAPTATION COSTS FOR COASTAL PROTECTION

* [**$17-$54m**](https://openknowledge.worldbank.org/handle/10986/28137) USD adaptation costs for coastal protection per year, which is [**4-11%**](https://openknowledge.worldbank.org/handle/10986/28137) of projected GDP in 2040

## RISK INDEX

* [**Kiribati is ranked 18th**](https://reliefweb.int/sites/reliefweb.int/files/resources/WorldRiskReport-2020.pdf)among countries with high disaster risk due to high exposure to extreme natural events and sea-level rise
  + Exposure – Very High
  + Vulnerability – High
  + Susceptibility – High
  + Lack of Coping Capacities – High
  + Lack of Adaptive Capacities – High
* Between 1999 and 2018 [**Kiribati was ranked 134th**](https://www.germanwatch.org/en/17307) among countries most affected by extreme weather
* Kiribati’s risk level is [**high**](https://drmkc.jrc.ec.europa.eu/inform-index/INFORM-Covid-19/INFORM-Covid-19-Warning-beta-version) when assessing the potential humanitarian impacts of COVID-19 in combination with other pre-existing crisis risks.

## MAJOR DISASTERS 2011-2020

(link: [**https://www.emdat.be/**](https://www.emdat.be/))

* **One** major cyclone
* **33%** of disasters were storms, **33%** were floods and **33%** were related to a transport accident (sinking of freight vessel Butiraoi, January 2018)
* **1727** people were affected.

## CLIMATE PROJECTION

(link: [**https://www.pacificclimatechangescience.org/wp-content/uploads/2013/06/11\_PACCSAP-Kiribati-11pp\_WEB.pdf**](https://www.pacificclimatechangescience.org/wp-content/uploads/2013/06/11_PACCSAP-Kiribati-11pp_WEB.pdf))

* **Rainfall**: average rainfall is projected to increase, along with more extreme rain events
* **Cyclones**: no data
* **Temperature**: annual mean temperatures and extremely high daily temperatures will continue to ris
* **Sea level**: expected to continue to rise
* **Ocean acidification**: expected to continue
* **Coral bleaching risk:** expected to increase
* **El Niño/La Niña**: likely to continue, across Kiribati, **El Niño** events tend to bring wetter, warmer conditions than normal.