

Iberostar Grand Rose Hall, Montego Bay Climate Change Risk Assessment

Working in small groups please explore the grounds of the hotel and identify potential areas where climate change could impact the hotel and the hotel's operations.

The Government of Jamaica has identified these anticipated climate change impacts for the country of Jamaica:

- Increasing temperatures: It is projected that the mean annual temperature could increase as much as 1.8°C by the 2050s.
- Changes in precipitation patterns: Rainfall could decrease as much as 44% by the 2050s.
- Changes to the severity and frequency of hurricanes: There is a likelihood that the frequency of more severe hurricanes will increase, however, there is some uncertainty in this projection.
- Sea level rise and storm surges: Projected sea-level rise and changes to the severity and frequency are likely to change the frequency and magnitude of storm surges on Jamaica's coast.

Projected changes to the climate of Jamaica are anticipated to impact several of Jamaica's sectors. Including Jamaica's water resources, the agriculture, tourism, health, and energy sectors. These impacts include changes to water quality and quantity, reduction in crop yields due to agro-climatic changes, damage to infrastructure from extreme events, and an increase in heat related illnesses and vector-borne diseases (Government of Jamaica, 2015).

References

Government of Jamaica. (2015). Climate Change Policy Framework for Jamaica.
<https://www.lse.ac.uk/GranthamInstitute/wp-content/uploads/2016/05/Jamaica-Climate-Change-Policy-fwL-2015.pdf>



To get started, **create a map or diagram of the hotel ground**. Make sure to identify **five or more important locations**

Diagram:

A large, empty rectangular box with a black border, intended for drawing a map or diagram of the hotel ground.

Identify 3-5 potential risks to the hotel or the hotel's operation that climate change might pose. In addition to looking at the hotel itself, it may be helpful to consider infrastructure and services outside of the grounds. How could changes outside of the grounds of the hotel impact the hotel's operations?

1.

2.

3.

4.

5.

*Mark these risks on your map

Identify the gender considerations for the identified climate risks. How may the identified climate risks and the potential impact on the hotel affect men and women differently?

1.

2.

3.

4.

5.