

HAZARDS



Heatwave

- Average summer temperatures are predicted to keep rising – by the middle of this century, we can expect what are currently classed as heatwave temperatures in most summers. This is associated with heat stress especially in vulnerable groups (young, pregnant, elderly) and increases in energy demand for cooling.
- Urban centres generate their own microclimate, known as the Urban Heat Island (UHI), which can result in the centre of big cities being up to 10°C warmer than surrounding rural areas. This can amplify the effects of hot weather.

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River & surface water flooding

- Climate change is likely to affect seasonal rainfall patterns and also increase the intensity of rainstorms. On some Brazilian rivers this may increase the risk of flooding, especially where the floodplain has been extensively developed.
- Increased intensity of rainfall, in the form of 'cloud bursts' and storms, may also lead to surface water flooding. This can be a problem in urban areas, especially where drainage systems are limited or poorly maintained.

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Drought

- Changes in precipitation will increase the likelihood of droughts in some areas of Brazil. Projections for 2050 show a reduction in rainfall in east Amazon and the northeast of the country.
- In 2015, Brazil suffered its worst drought in 80 years. This highlighted adverse impacts on many sectors including agriculture, industry, public water supplies and biodiversity.
- Global climate change can combine with regional deforestation to increase the likelihood of future droughts.

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Pests & diseases

- Climate change is already altering the preferred conditions for pests and diseases. These changes can have an impact on human health, but also on the crops and animals which we rely on for food.
- For example, the range of mosquito species is changing, meaning that vector-borne diseases such as dengue fever may occur in new locations.
- Farmers growing important crops such as coffee may experience pests and diseases that did not previously occur in their locality, while existing pests and diseases may become more or less common.

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Coastal flooding

- Sea level rise could have major impacts in Brazil.
- One study places Brazil in the top 15 countries with an increased exposure from sea level rise in the 2070s, relative to present levels, based upon a global assessment of 136 port cities.
- A 10% intensification of the current 1-in-100-year storm surge combined with 1 m sea level rise could inundate around 15% of Brazil's coastal land area and affect 30% of the coastal population.

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Wildfire

- Climate change and deforestation are thought to be the cause of over 11,000 wildfires in Brazilian Amazon in 2015 according to an INPE report, a 47% rise compared to 2014.
- This devastates biodiversity, agricultural land and has serious consequences for people with chronic respiratory diseases.
- Climate projections suggest that forest fires could double by 2050.

Role: you lead on all aspects of communications and marketing and aim to produce high quality outputs that maintain the reputation of the organisation.

The role includes communicating with beneficiaries, donors and partner organisations.

PEOPLE



Programme manager

Role: you manage the day-to-day aspects of specific programmes or projects in the organisation.

The role also involves planning future projects and programmes.

PEOPLE



Community officer

Role: you are responsible for the delivery of the organisation's services at a community level. This involved building trust with your target groups, understanding their needs and priorities, and communicating information back to the organisation.

PEOPLE



Fundraiser

Role: working closely with the finance director and programme managers, you are responsible for finding funding for the organisation including grants, government funding and donations.

PEOPLE



Chief Executive Officer

Role: you are responsible for the strategic direction of the organisation as well as the overall management of all projects and programmes.

PEOPLE



Finance director

Role: you are responsible for financial planning within the organisation which includes identifying financial risks.

You play a critical role in reallocating resources in an emergency.