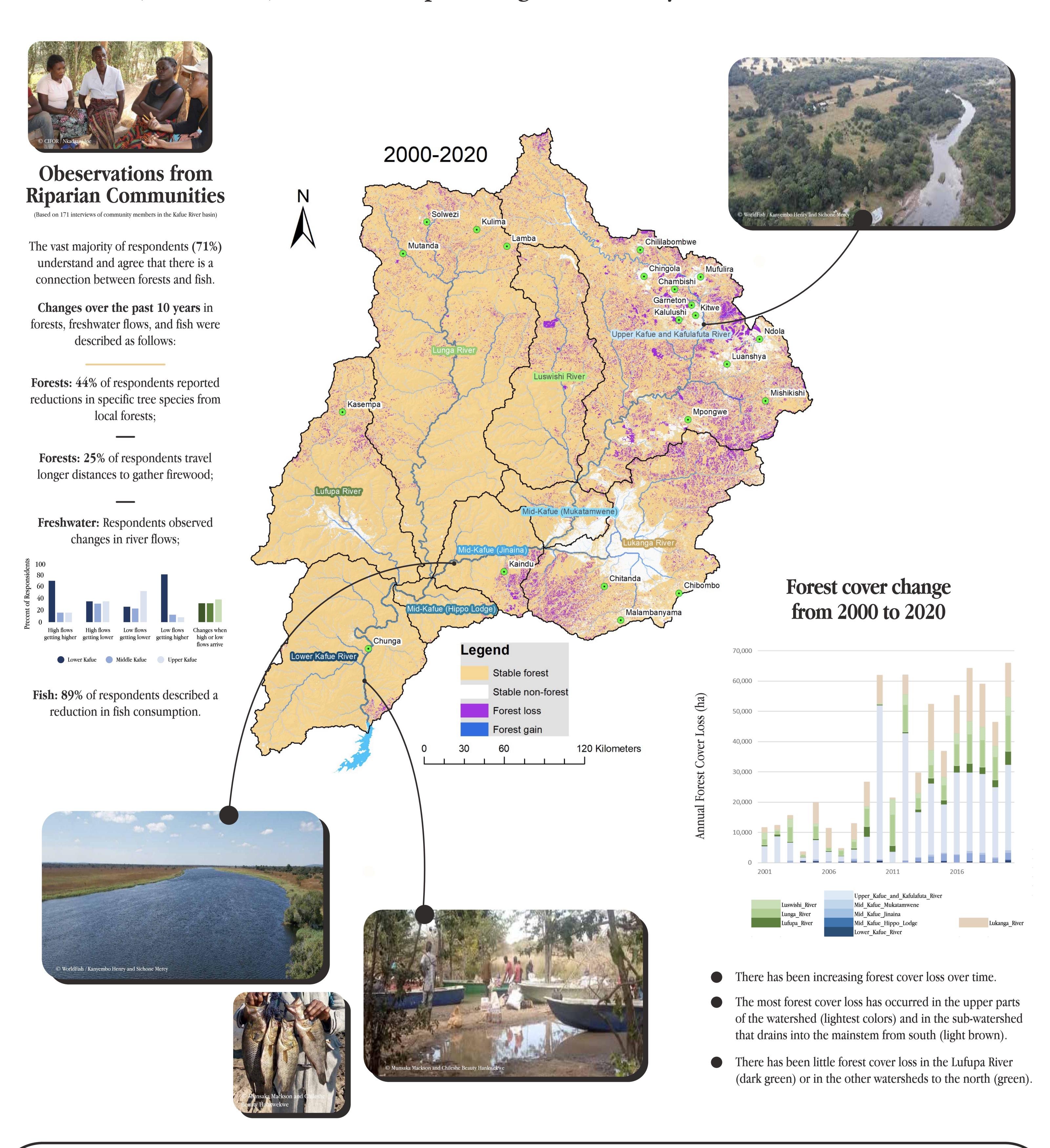
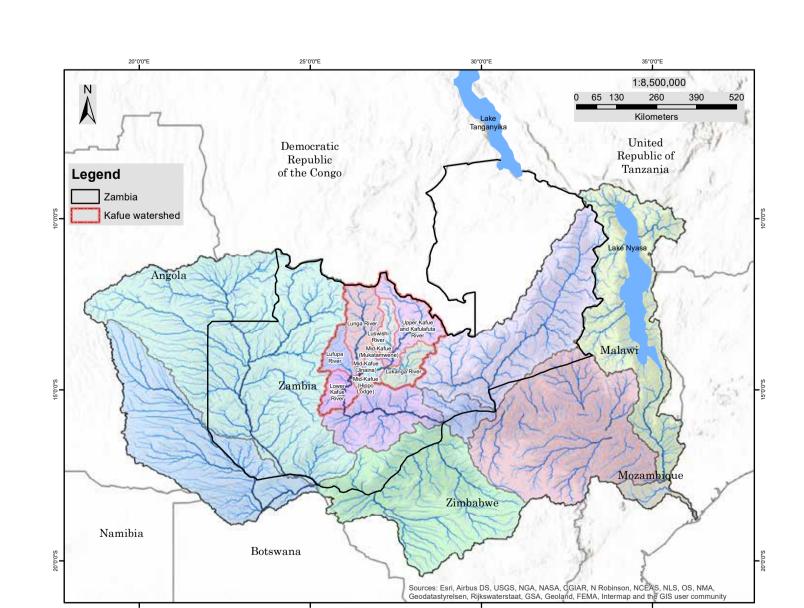


# Upper Kafue River Watershed

Forests, freshwater, and fisheries providing food security and sustainable livelihoods

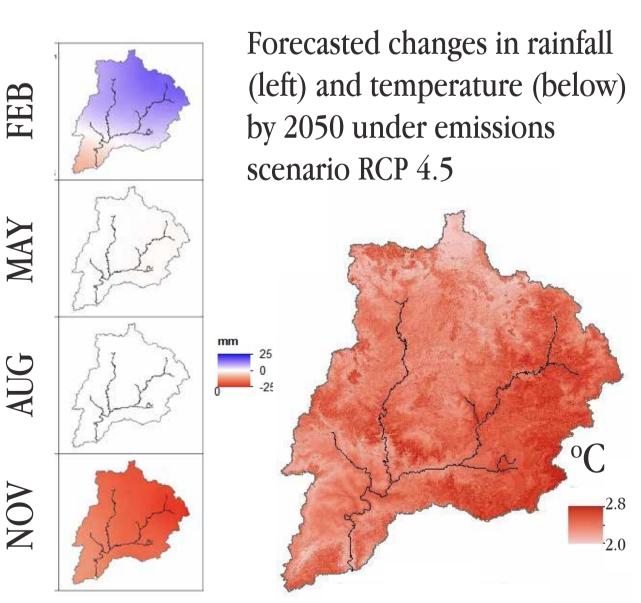


#### Where is the Kafue River Watershed?



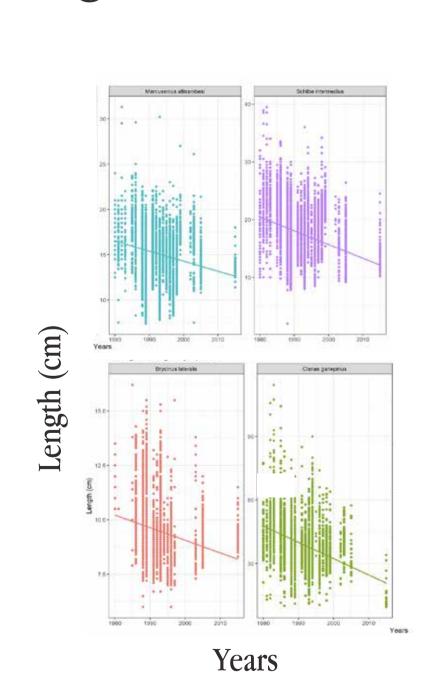
- The Kafue River is in Zambia and is part of the Zambezi River watershed.
- The area of analysis (outlined in red) is the free-flowing section above the reservoir formed by the Itezhi-Tezhi Dam.

## How are temperature and rainfall predicted to change?



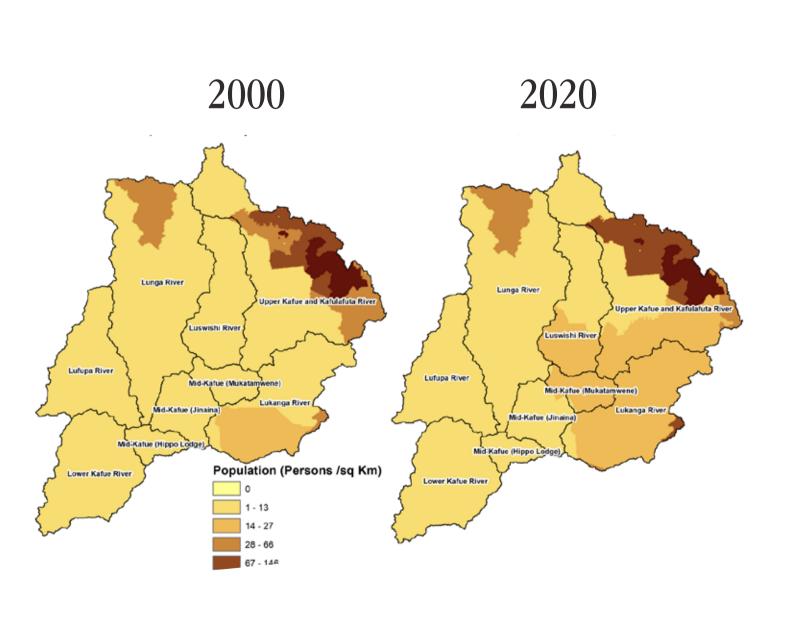
- In some times of the year, e.g. February, increases in precipitation are expected in some parts of the watershed.
- In other times of the year, e.g., November, only decreases in precipitation are expected with the largest decreases in the Upper Kafue and Kafulafuta Rivers.
- Increases in temperature are expected across the whole watershed with slight differences in particular areas of the watershed.

### Have fish captures changed over time?



- Over time and for four indicator species, fewer large fish are caught.
- Data source: Department of Fisheries fish monitoring surveys on the Kafue Flats.

### How has human density changed?



- The highest human population density is in the area around Kitwe, in the headwaters of the Kafue River.
- Human population has increased from 2000 to 2020 in the areas where human population was highest in 2000. Forest loss (above) is also highest in these areas.
- Human population density remained relatively unchanged downstream and in the western parts of the watershed.

The boundaries and names shown and the designations used on these maps do not imply the expression of any opinion whatsoever on the part of FAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers and boundaries. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement.







