

Climate Services for Health

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**World Health
Organization**

Why is the GFCS important to health?

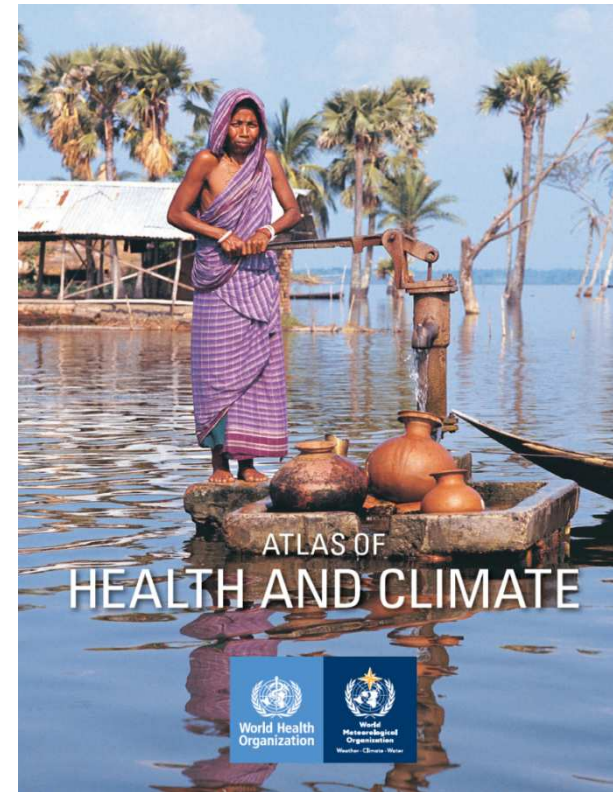
- Environmental determinants of health are climate sensitive: air, water, food, shelter, protection from infection.
- GFCS names health as one of the 4 priorities alongside disaster risk reduction, food and agriculture, and water.
- GFCS provides the basis for building climate-health partnerships to support operations.



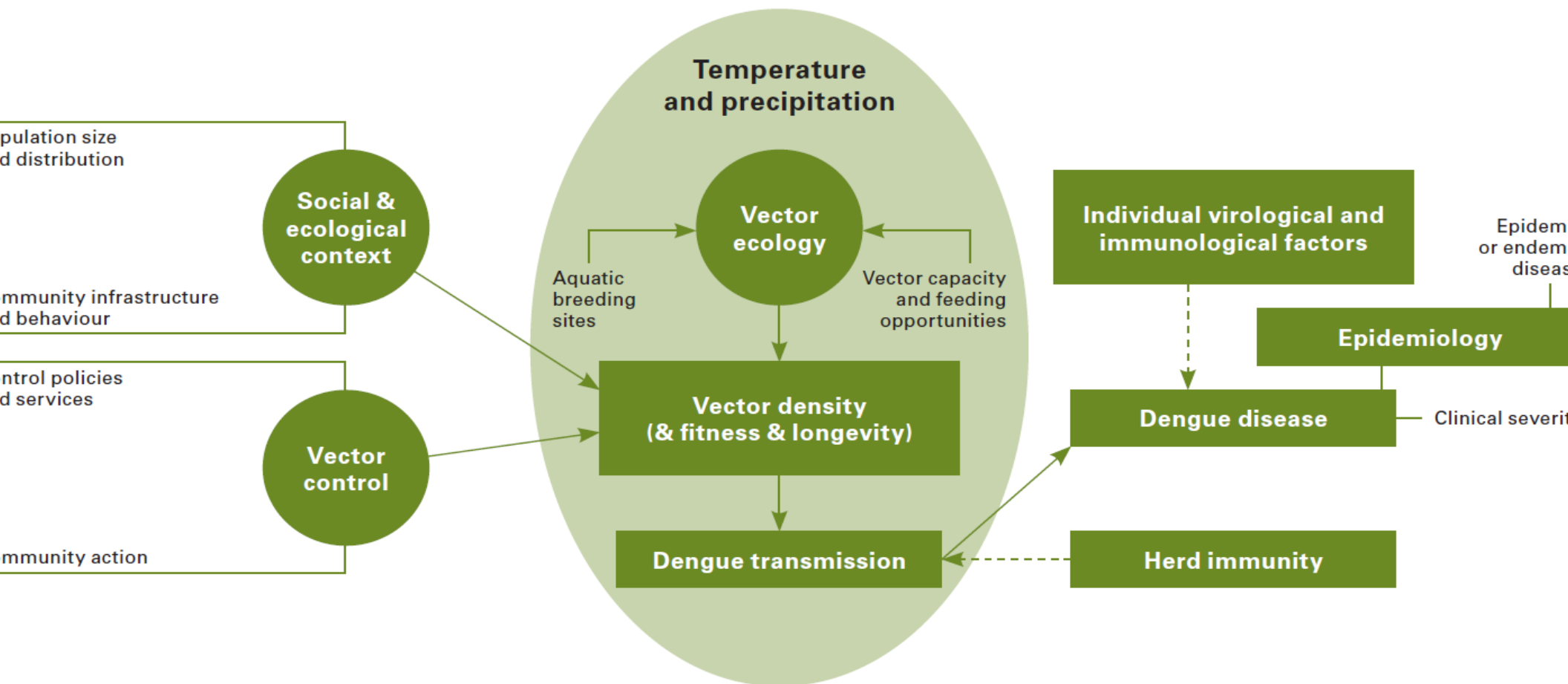
How does the GFCS support health?

Supports the "climate information feed" for :

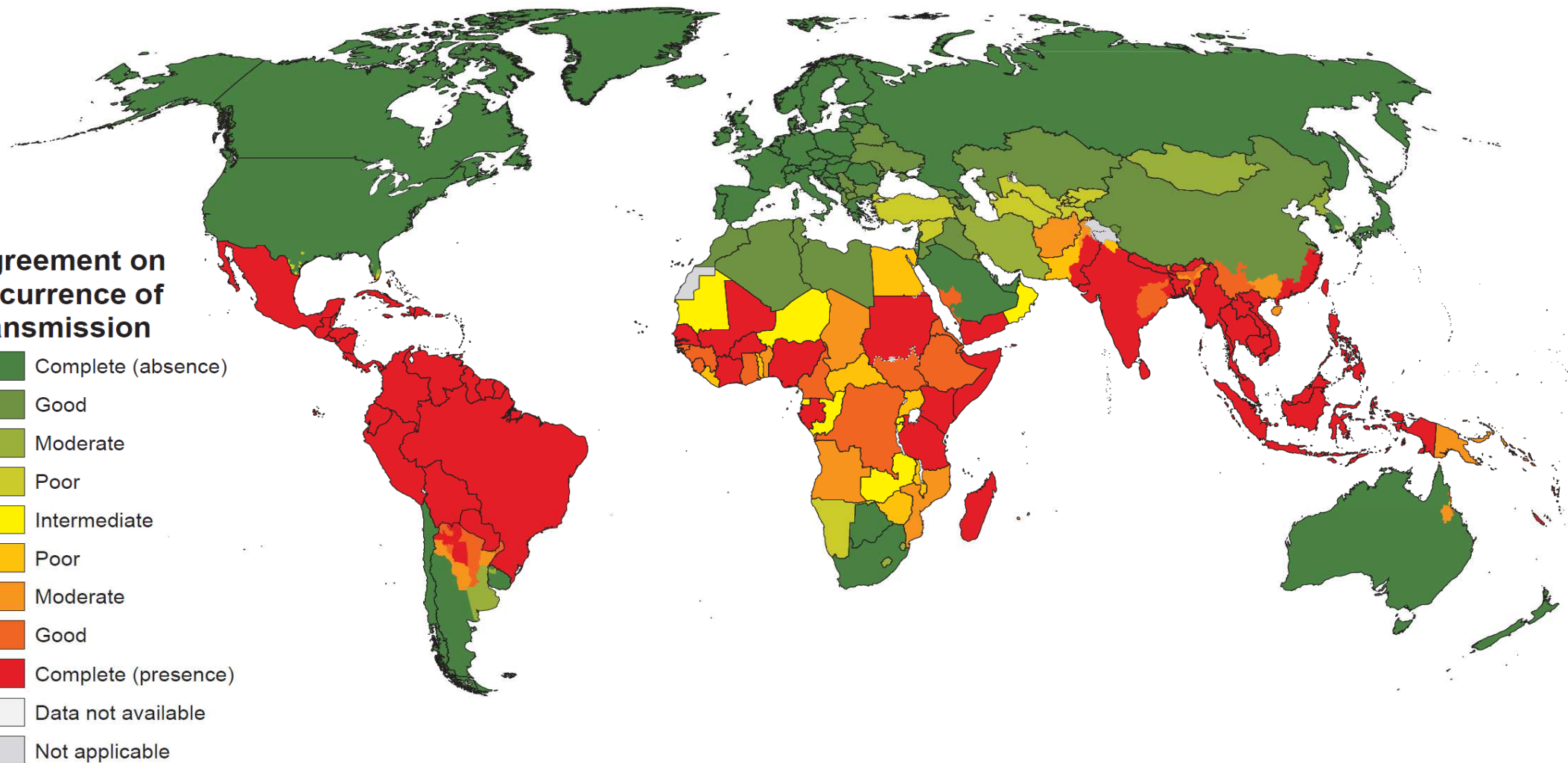
- Spatial mapping of health risks
- Early warning systems for hazardous weather and disease outbreaks
- Planning health adaptation to climate change



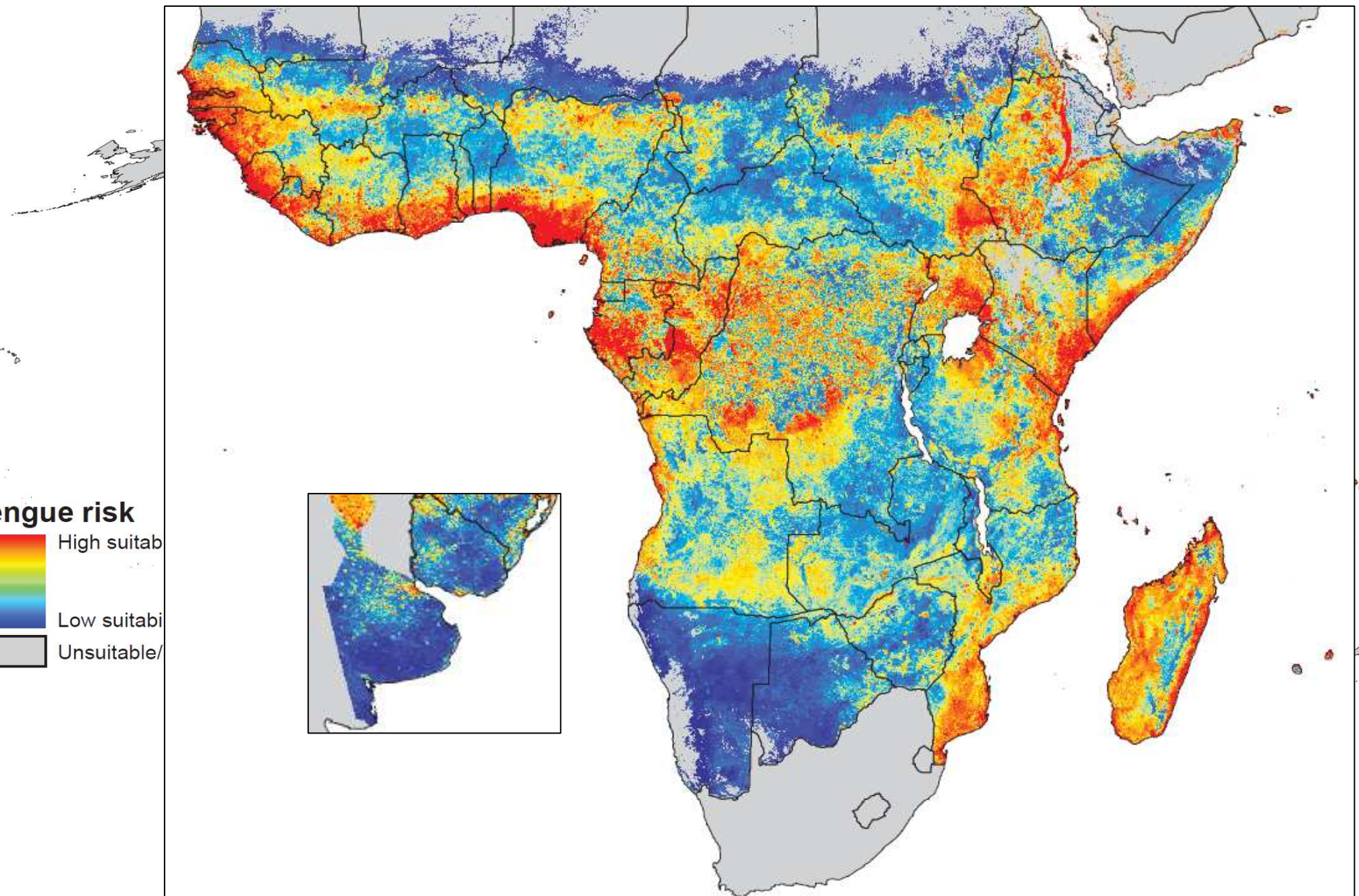
Climate and social determinants interact to cause disease: Dengue Fever



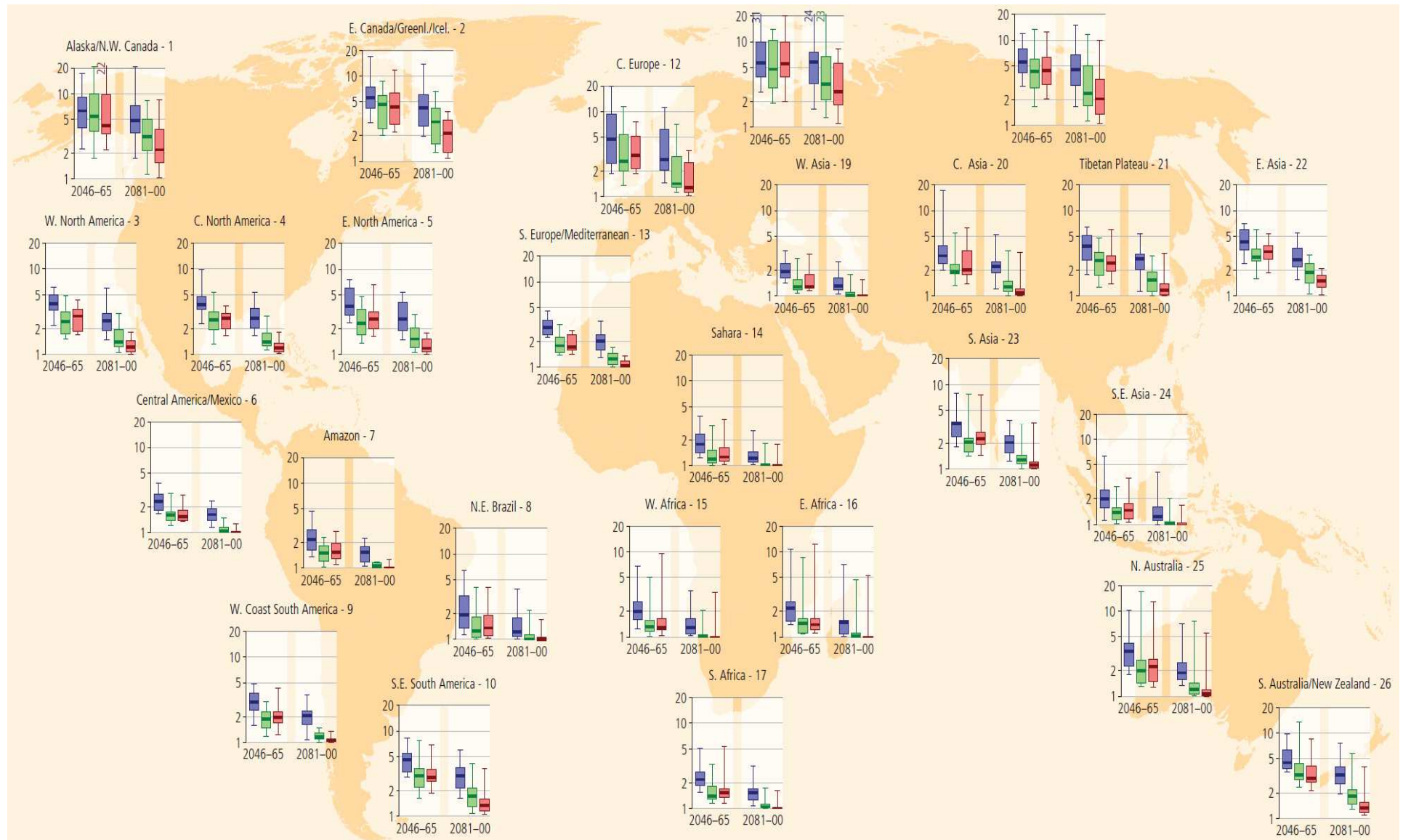
Health surveillance is always incomplete



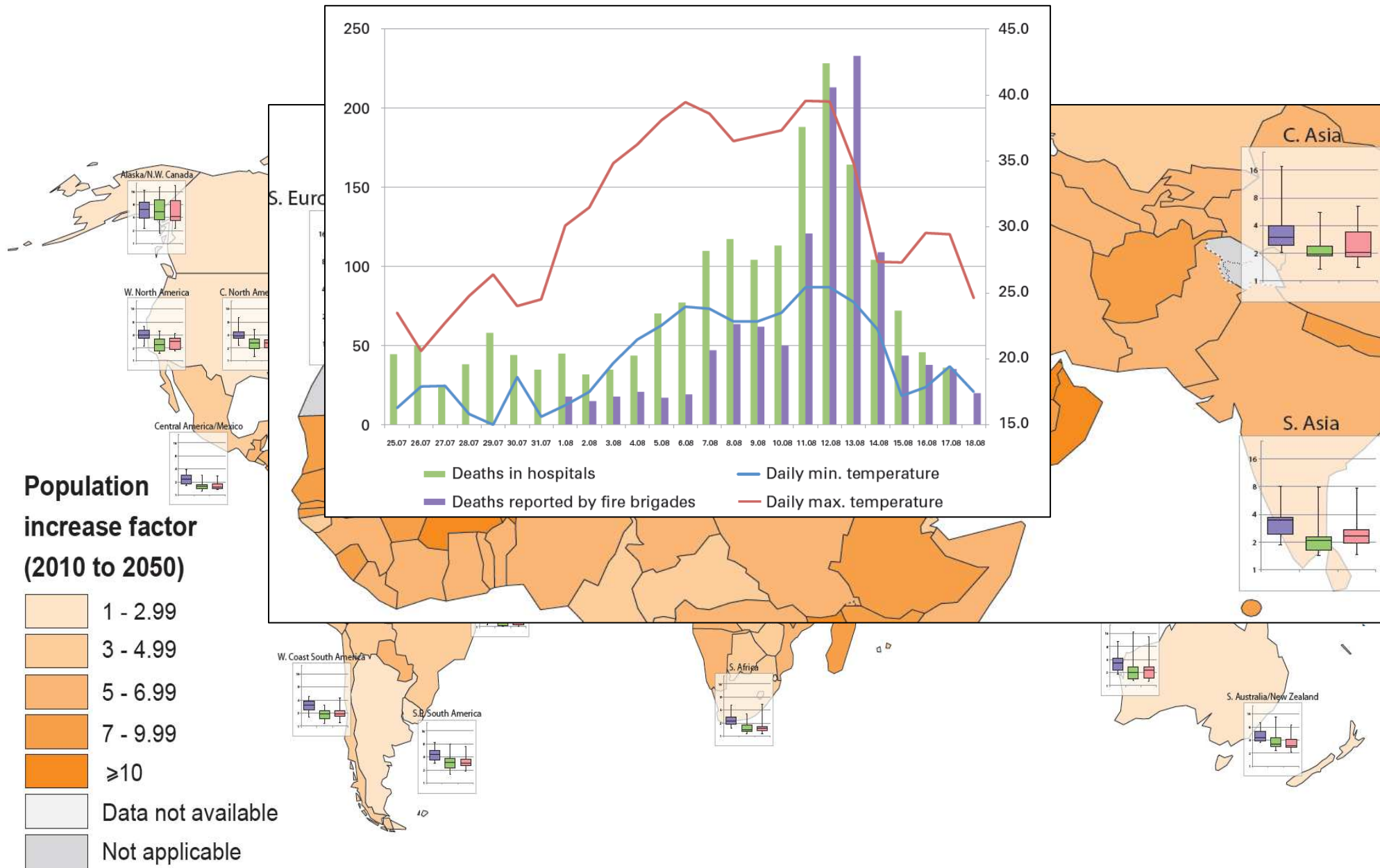
Adding meteorology enhances detail



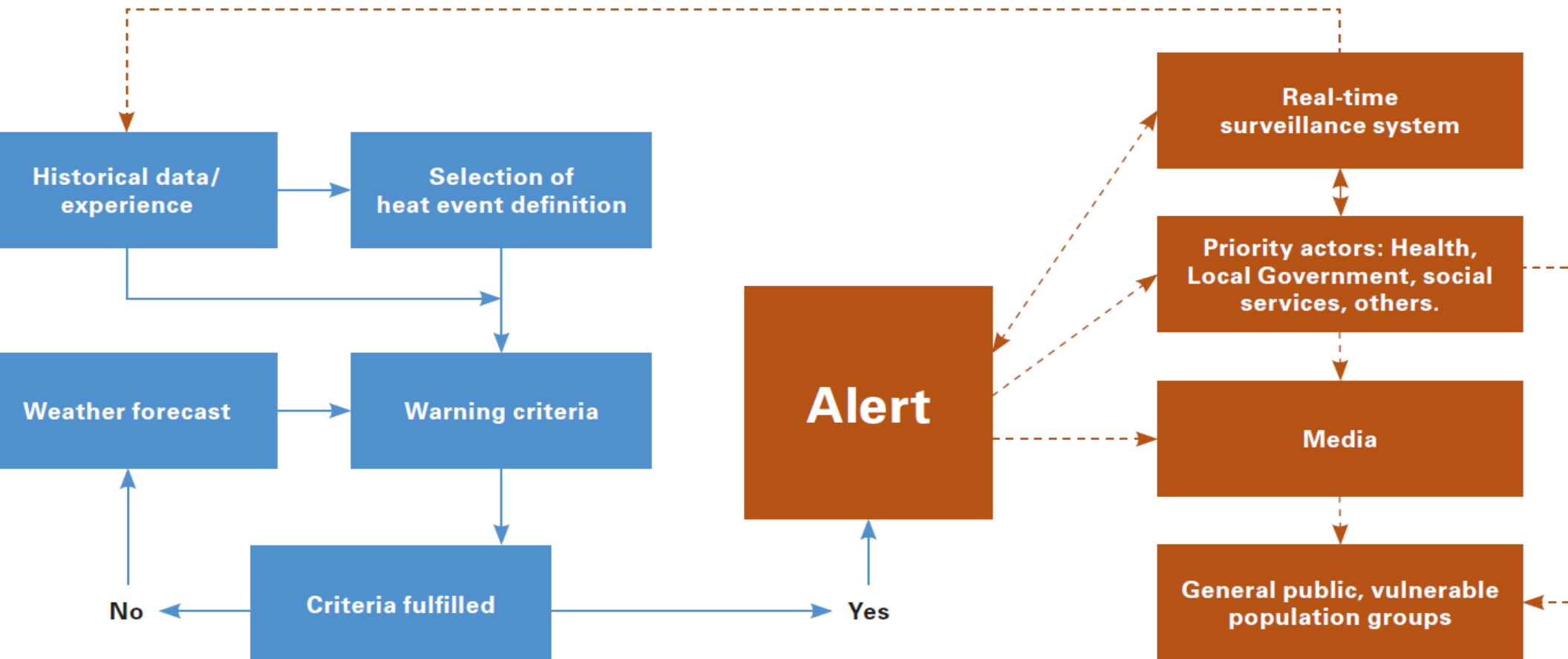
Climate services tell us about the hazard



Adding health data helps us understand the risk



Meteorological and health services need to interact to reduce health impacts



Conclusions

- GFCS provides the institutional basis to bring together climate information providers and end users.
- Engaging with other disciplines and communities means stepping outside of our comfort zones.
- Now implementation plan is approved – comes the hard part.....