



GLOBAL **HEAT** HEALTH  
INFORMATION NETWORK

Global Perspectives, Local-Regional Issues

« *Regional Perspectives of Heat Risks* »



***Dr Ousmane NDIAYE***

*Agence Nationale de l'Aviation Civile et de la Météorologie du  
Sénégal (ANACIM)*

Hong Kong, December 16th, 2018

# ***Regional Issues, Innovations, and Opportunities***

- **background**
  - **climate related disease** : malaria meningitis ...
  - **economy** : rainfed agriculture, exposure (normal)
  - **vulnerability** : limited economical resources, response
  - **urban planning** : megacities not well planned
  - **population birth rate** : highest
- **Climate**
  - **temperature increase** : + heat waves, hotter days
  - **more extreme weather events** (temp, wind, rainfall drought/flooding) :
  - **hot spots** : drought + high temperature : conflict, exodus, food insecurity,
- **opportunity**
  - **renewable energy** (solar, wind ...)
  - **Political awareness** and will (democracy, gender equity, education), more regional entity (AU, ecowas),
  - More access **drugs** : cure exists but not accessible
  - **Stronger climate forecast** : Early Warning System (ACASIS, NOAA/African Desk)