

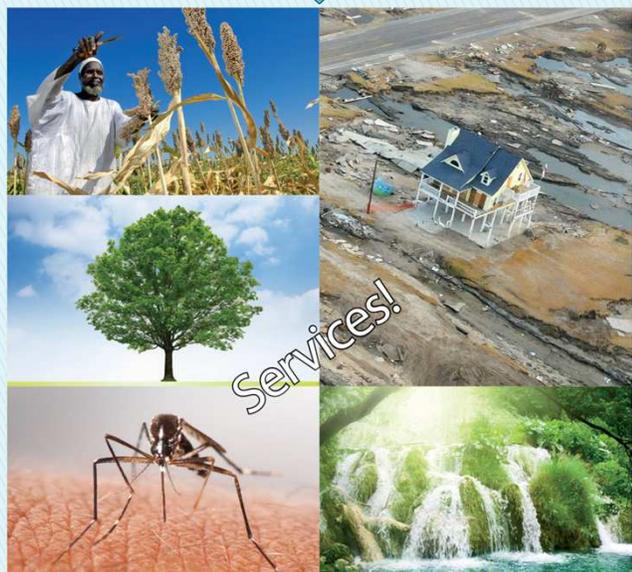
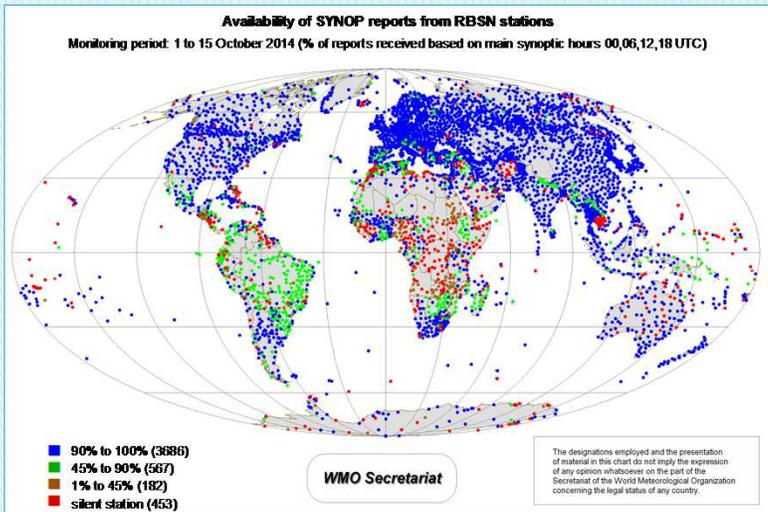
# WIGOS – WMO Integrated Global Observing System



- ▶ Integrating framework for weather, climate, water and atmospheric composition observations;
- ▶ Together with WIS, essential infrastructure supporting all WMO Programmes and Application Areas
- ▶ Critical role in support of the Global Framework for Climate Services, weather and disaster risk reduction, capacity development, aviation and other WMO priorities;



| Supports all WMO Application Areas:          |
|--|
| Global Numerical Weather Prediction          |
| High Resolution Numerical Weather Prediction |
| Nowcasting and Very Short Range Forecasting  |
| Seasonal and Inter-annual Forecasts          |
| Aeronautical Meteorology                     |
| Atmospheric Chemistry                        |
| Ocean Applications                           |
| Agricultural Meteorology                     |
| Hydrology                                    |
| Climate Monitoring (GCOS)                    |
| Climate Applications                         |
| Space Weather                                |



- WIGOS tools available for Members:**
- WIR (WIGOS Information Resource)
  - OSCAR (Observing Systems Capability Analysis and Review)
    - Metadata and Gap Analysis
  - WIGOS Data Quality Monitoring System
  - Regulatory and Guidance Material
  - WIGOS Events (workshops, training, etc)

WIGOS Governance and Management Structure

