



CAP Implementation Workshop, 31 October – 1 November 2018, Hong Kong

# CAP implementation

## The role of ITU

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# ITU: Committed to help the world communicate

193

MEMBER  
STATES

800

SECTOR  
MEMBERS &  
ACADEMIA

ITU-T X.1303

3  
SECTORS



Each sector has  
specific mandate,  
but all work  
cohesively  
towards  
connecting the  
world

... and to help achieve the Sustainable Development Goals through the use of ICTs



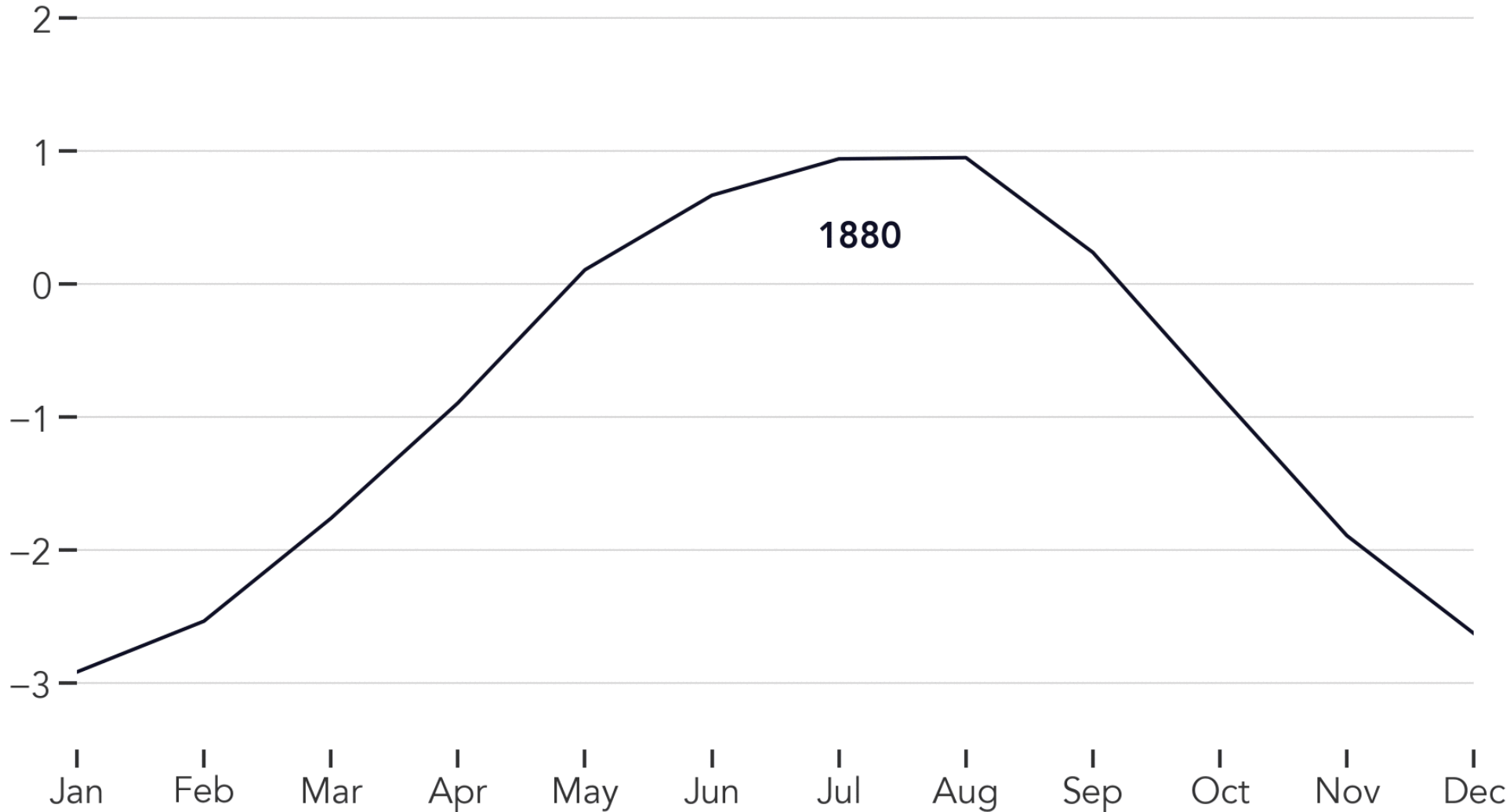


# 2017 WAS THE SECOND HOTTEST YEAR ON RECORD

**Temperature Anomaly ( ° C)**

(Difference from 1980-2015 annual mean)

**Record Years**

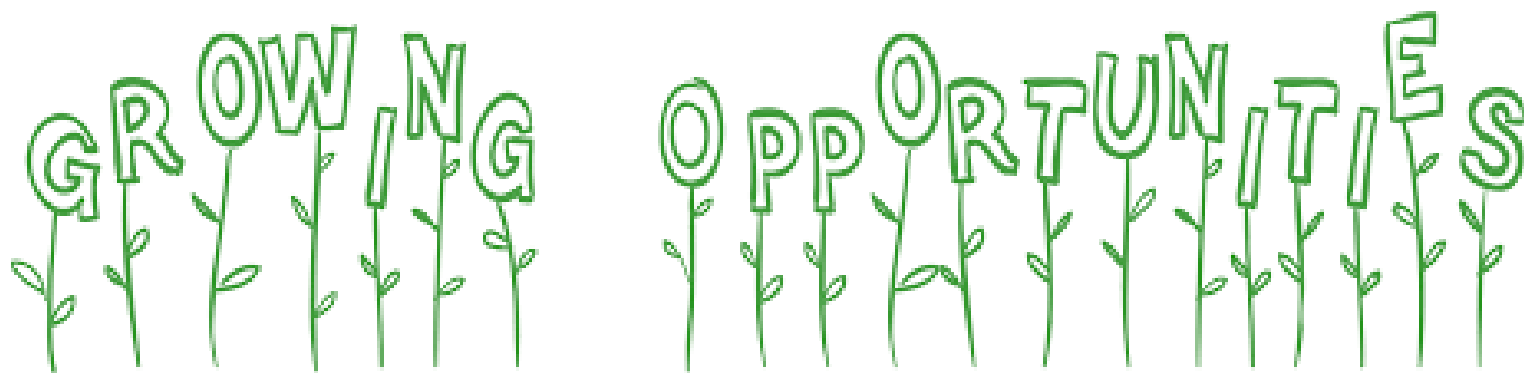


Source: NASA Earth Observatory



# EMERGENCY TELECOMMUNICATIONS MATTER ... MORE THAN EVER

- Disasters have devastating effects on peoples' lives
- Climate change makes things worse
- ICTs offer ever growing opportunities to predict, to track, to warn and to save lives: More people are part of the growing information society (covered by a mobile network, using the Internet etc.)





# SAVING LIVES

- Use ICTs to for alerting, and to increase disaster resilience
- Raise awareness in the use of ICT for disaster response and mitigation
- Promote the implementation of early warning systems
- Support countries in the preparation of national disaster response in the areas of regulation, policy and to develop national emergency telecommunication plans
- Carry out research and identify new technologies, trends, best practices





# REPORT ON DISRUPTIVE TECHNOLOGIES FOR DISASTER MANAGEMENT

- ICT development/trends: 5G, AI, IoT, big data, robotics, drone technology
- Case studies: Opportunities & benefits
- Challenges, relevance and sustainability
- Recommendations



# Global Guidelines on National Emergency Telecommunication Plans



## Purpose:

- Better coordination for disaster management
- Processes/procedures to identify national needs
- Framework for national consultation and cooperation
- Multi-stakeholder roles and responsibilities
- Implementation of policy/legislation requirements

CAP as best practice

## Structure of Guidelines:

- Topology of disasters
- Phases of disaster management
- International cooperation and coordination
- National disaster management
- Telecommunications/ICTs for disaster management
- ICT legislation and regulation
- Capacity development and drills
- Support for people with disabilities
- NETP: step by step guide



## Re-CAP: ITU & CAP

- Awareness raising & capacity building
    - Capacity building workshops & training
    - Emergency telecommunication/disaster management events
    - Guidelines on national emergency telecommunication plans
  - Better coordination with ICT community
    - Through ITU Membership: Telecommunication/ICT policy makers, regulators, private sector
  - ITU Study Group Question [5/2](#): Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response
  - Monitoring progress in CAP implementation
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# GLOBAL FORUM ON EMERGENCY TELECOMMUNICATIONS

**Join us for GET-19!**  
**Mauritius, 4-6 March 2019**

Disaster risk reduction strategies

National emergency telecommunication planning and policies

Resilient infrastructure

National coordination

Early-warning and monitoring systems

Emerging technologies and innovations