



WMO Technical Meeting on CAP, Geneva Switzerland, 4 December 2018

CAP implementation

The role of ITU



Vanessa Gray

Head, Least Developed Countries, Small Island Developing States &
Emergency Telecommunications

Telecommunication Development Bureau, ITU



ITU: Committed to help the world communicate

193

MEMBER STATES

800

SECTOR MEMBERS & ACADEMIA



... and to help achieve the SDGs through the use of ICTs



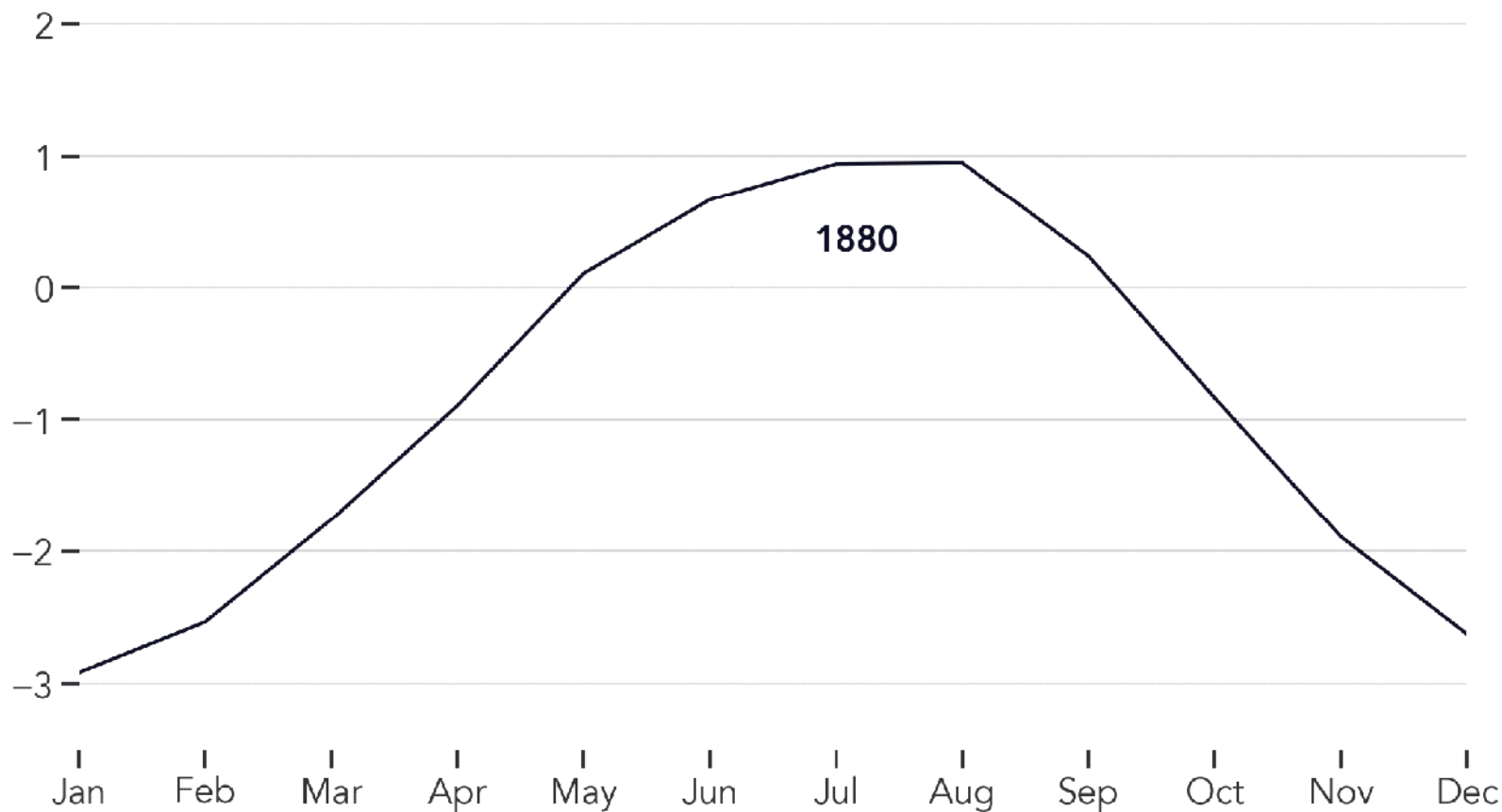


2017 WAS THE SECOND HOTTEST YEAR ON RECORD

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)

GROWING OPPORTUNITIES



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





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





Global Guidelines on National Emergency Telecommunication Plans



Purpose:

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

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



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

3RD GLOBAL FORUM ON EMERGENCY
TELECOMMUNICATIONS

ITU GET

PORT LOUIS 2019

*Saving lives: Effective use
of telecommunications/ICT
for disaster management*

4-6 March
Port Louis, Mauritius

www.itu.int/get2019
#ITUGET

Join us @ GET-19!

National coordination
Early-warning and monitoring
systems, CAP
Emerging technologies and
innovations

Disaster risk reduction strategies
National emergency
telecommunication planning and
policies
Resilient infrastructure





Re-CAP: ITU & CAP – possible areas of closer cooperation with WMO

- 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

