



ITU-GSMA Regional Training Workshop on ICTs for Disasters Management for Arab States

Khartoum, Sudan 28-29 August 2017

Access to networks and services before, during and after a disaster

Samer Ali









Mobile networks **connectivity** can be a **vital** for those affected by natural **disasters**. They offer access to **information** to coordinate **assistance** to populations and facilitate the work of governments, first responders and humanitarian community.







- Before, during and after
- Early warning and advice
- Receive and distribute
- Maintain the connectivity during the disaster
- Participate in search, rescue and relief







Continuity of Service

- Free calls
- Billing can be suspended for services such as SMS and calls
- Provide alternative backhauling for no coverage areas
- Mobile Money







Tracking Population Displacement

- Estimate the numbers of individuals displaced
- The timing of major population movements
- The areas of the country to which these individuals travelled







Information Sharing & Partnership

- Other MNOs
- Civil Defence
- Hospitals
- Government: Telecom Authority, National Disaster Management and National Meteorological Service
- NGOs







Mobile Apps

- Early Warning
- Location: refuge camps, quarantine centres, health information, etc
- **Communication**: family reuniting, voice messaging, message board, etc
- Information upload: local situations, text, pictures, etc.







Thank You



