Water, Sanitation & Hygiene Promotion in Emergencies (eWASH)
Content

• What and Why is WASH important?

• Minimum Standards

• WatSan tools and equipment
What is WASH or WatSan?

- **WASH** is an acronym, standing for:
  - **Water**  # people who will get access to safe water
  - **Sanitation**  # people will get access to safe sanitation
  - **Hygiene**  # people who will adopt improved hygiene practices
  - **Promotion**
**Objective of a WASH response**

1. Achieve better health
2. Restore dignity
eWASH Interventions
1. Water Supply

The main goal of a water supply system is to decrease the number of water-born diseases, particularly those more directly related to the oral-faecal route and hygiene.
2. Sanitation – Excreta Disposal

Technical solutions tailored for context, cultural practice, timeframe, implementation constraints. Different needs for different users.
3. Vector Control
4. Solid Waste Management

- Identify waste type
- Waste source
- Determine potential hazard
- Determine volume
- Determine collection/storage methods & transportation method
- Determine disposal method
5. Drainage
6. Hygiene Promotion
Reduction in diarrhoeal disease
Effect of intervention, %

- Water quality
- Water quantity
- Hygiene
- Sanitation

Reduction in diarrhoeal disease
Effect of intervention, %

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International Federation of Red Cross and Red Crescent Societies
Each Chapter includes

- Key Actions
- Minimum Actions
- Key Indicators
- Guidance Notes

IMPORTANT TO REMEMBER THAT INDICATORS (such as water quantity of 15 l/p/d) are INDICATORS, ie not hard rules.
**SPHERE Standards**

SPHERE Indicators can be used to provide guidance to following questions:

**Q:** How much water do we supply in an emergency?

**A:** *Water use per person for drinking cooking and personal hygiene is minimum 7 – 15 litres p/p/day*

**Q:** How many toilets do there need to be in an evacuation centres?

**A:** *No more than 20 persons per toilet, and toilets are no more than 50 m from dwellings*

**Q:** How far should the bottom of the latrine be from a groundwater source?

**A:** *At least 1.5 m*

Above indicators are found in the Water Supply, Sanitation and Hygiene Promotion section of the Sphere Standards.
Asia Pacific NS WatSan Trained Staff

Water and Sanitation in Asia Pacific

- M: 75%
- F: 25%

Regions:
- SEA: 49%
- PA: 22%
- EA: 11%
- SA: 18%
WatSan Response Tools

- WatSan staff and volunteers
- Emergency items/relief items
- WatSan Emergency Response Units (ERUs)
- WatSan Disaster Response Kits
- FACT/RDRT
- WatSan Delegates
- WatSan Mission Assistant
  (http://watsanmissionassistant.wikispaces.com/)
WatSan Emergency Response Tools

DISASTER

TARGET POPULATION

2,000
WATSAN KIT 2

5,000
WATSAN KIT 5

10,000
WATSAN KIT 10

15,000
WATSAN ERU MODULE 15

20,000
MSM ERU MODULE 20

40,000
WATSAN ERU MODULE 40
WatSan Disaster Response kits

Prepositioned/NS trained and operated

www.ifrc.org
Saving lives, changing minds.
Thank you

Questions?