Capacity building for sanitation Safety planning

February 2019, Cape Town

Workshop: Sustainable Sanitation – Global & Local Partnerships, Experiences and Way ahead
SFD - City level risk assessment

Most useful for city level analysis and political advocacy
SSP - in-depth risk assessment

Most useful for:
detailed system assessment
Coordinated action along the chain by many actors
System management over time
Why SSP?

Risk assessment and management is a common approach in all WHO WASH Guidelines.

Recommendation 2: Progressive improvements towards safe sanitation systems should be based on risk assessment and management approaches.
SSP supports the achievement of SDG6

6.2 “By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations”

6.2.1 Proportion of population using *safely managed sanitation services*, including a handwashing facility with soap and water

6.3 “By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of *untreated wastewater* and substantially increasing recycling and *safe reuse* globally”

6.3.1 Proportion of *wastewater safely treated*

6.3.2 Proportion of bodies of water with good ambient water quality
Safe management leads to greater health gains

2014 WHO burden of disease for diarrhoea estimate
SSP Principles

- Hazard identification and risk assessment
- Multiple barriers to reduce risk – technical, management, behaviour
- Routine and verification monitoring – visual, process, sampling
- Supporting programmes and regular review
- Incremental improvement
SSP Resources

Sanitation safety planning

Sanitation Safety Planning (SSP) is a step-by-step risk-based approach to assist in the implementation of the 2006 WHO Guidelines for Safe Use of Wastewater, Excreta and Greywater. The approach can also be applied to all sanitary systems to ensure the system is managed to meet health objectives. The SSP approach requires identifying health risks in the sanitation system, implementing an improvement plan and conducting regular monitoring. SSP can be used at the planning stage for new schemes, and to improve the performance of existing systems.

Linda Strande

Sanitation safety planning manual
Publication and downloading information

SSP Overview - MOOC

Further information
Sanitation safety planning in this MOOC

SSP Expertise and capacity

- Initial 6 global expert / master trainers
- WHO led regional training by master trainers in > 20 countries in 4 regions
- Master trainers’ support to partner organizations
- Training capacity expanded including through other training institutions adapting and integrating SSP into their own curriculum
Example: SSP training hub at CSE

HO regional workshop Kolkata, 2016

Training of trainers, 2017

CSE-led trainings in 2018

+ participants from wide range of background and > 6 countries Africa and South East Asia

CSE follow-up post-training – document SSP uptake and technical support for SSP implementation
Example: SSP training hub at CSE

Field exposure visit
Day classroom exercises
Adaptation of training material (e.g. technical, financial etc.)
Training evaluation
Systematic follow up with participants
Post-training – document SSP uptake and provide technical support for SSP implementation
SSP capacity way forward

• Growing interest from partners - continued support for SSP capacity building
• Systematic approach to document SSP implementation by partners
• Revising/ adapting training package based on new findings from case studies
• Linking SSP with new Sanitation and Health Guidelines
Emerging lessons on SSP implementation

- **Policy and legislation** - WWSP incorporated into a proposals legislation for safe use on agriculture (European Commission)

- **Risk identification** – Methodical SSP can reveal hidden risks (India, Jordan)

- **Management and coordination** - SSP improvements and monitoring embedded in city health department’s management and inspection tools helping to coordinate and follow up sanitation actors (Kampala, Portugal)

- **Business development** – SSP used for product safety assurance for businesses where waste is used e.g. for compost (CBSA, Jordan)

- **Improved workers safety** – PPE and designated safety zones (Portugal)
Thank you!