

Safe Use of Wastewater in Agriculture

3rd Regional Workshop, Anglophone Africa

Johannesburg, 26-28 September 2012

DAY I Wednesday, September 26, 2012

- 8:30-9:00 Registration
- 9:00-10:00 Session 1: Opening Session**
- Welcome and Opening Statements: (UNEP), (UNW-DPC), and (Water Net?)
 - Statement from the Chief Guest: TBD
 - Introduction of Participants
- 10:00 – 10:30 Group Photograph and Coffee/Tea
- 10:30 – 11.10 Session 2: Setting the Scene**
- 10:30 – 10:50 Recap of the International Kick-off Workshop and First Regional Meeting, and Scope of Second Regional Workshop: UNW-DPC
- 10:50 – 11.10 Importance of wastewater and greywater treatment and non-treatment options for use in agriculture: FAO
- 11:10 – 17:10 Session 3: Country Reports (countries TBC following nomination period)¹**
- 11:10 – 13:00 Session 3a: Country specific reports on the status of wastewater use and capacity needs (South Africa, Zimbabwe, Namibia, Botswana, Malawi, Mozambique, Ghana): Facilitator – TBD
- 13:00 – 14:00 Lunch**
- 14:00 – 15:30 Session 3b: Country specific reports on the status of wastewater use and capacity needs (Kenya, Tanzania, Ethiopia, Somalia, Uganda, Nigeria): Facilitator – TBD
- 15:30 – 16:00 Coffee/Tea**
- 16:00 – 17:30 Session 3c: Country specific reports on the status of wastewater use and capacity needs (Ghana, Liberia, Sierra Leone, Swaziland, Lesotho, Mauritius, Seychelles): Facilitator – TBD

¹ In sessions 3a, 3b, and 3c, each country representative is expected to share respective information in 6 slides (two slides on wastewater production and use, one on regulations, one on challenges, and one on solutions) in 7 minutes, followed by questions/comments and interactive discussion

DAY II Thursday, September 27, 2012

08:30 – 12:30 Session 4: Policy and strategic issues²

- 08:30 – 08:45 Session 4a: National strategies for the use of poor-quality water resources in agriculture: ICID
- 08:45 – 09:00 Session 4b: Economic challenges of wastewater treatment and use in agriculture: FAO and IWMI
- 09:00 – 09:15 Session 4c: Institutional arrangements and collaboration at the national and regional levels: UNU-INWEH
- 09:15 – 10:30 Session 4d: Roundtable discussions on specific situations in the countries in the following breakout groups
- Group 1: Monitoring and assessment systems for water quality and wastewater: TBD
Group 2: Economic aspects and feasibility of wastewater treatment and reuse: TBD
Group 3: Policy and institutional issues related to wastewater management: TBD

10:30 – 11:00 Coffee/Tea

- 11:00 – 12:30 Session 4e: Presentations of working group results and discussion³: Facilitator – Pay Drechsel (IWMI)

12:30 – 13:30 Lunch

- 1330 – 1900 Field visit (TBC)

DAY III Friday, September 28, 2012

08:30 – 12:30 Session 5: Health risks, environmental effects, and socio-cultural acceptance

- 08:30 – 08:45 Session 5a: Health risk assessment and mitigation: WHO; IWMI
- 08:45 – 09:00 Session 5b: Environmental effects of wastewater use in agriculture: UNEP
- 09:00 – 09:15 **Session 5c: Wetlands as wastewater treatment structures:**
- 09:15 – 10:30 Session 5d: Roundtable discussions on specific situations in the countries in the following breakout groups⁴

² In session 4d, countries will share experience on specific topics and will try to answer: Which experiences do we have? Which success stories do we know? How could we help each other?

³ In session 4e, each group will present summary of discussions in plenary (15 minutes/group) and 15 minutes questions/comments and interactive discussion

⁴ In session 5d, countries will share experience on specific topics and will try to answer: Which experiences do we have? Which success stories do we know? How could we help each other?

Group 1: Health issues and standards/guidelines for wastewater irrigation: (WHO)/(IWMI)
Group 2: Appropriate treatment technology and environmental effects of wastewater use in agriculture: (UNEP)
Group 3: Social aspects and cultural acceptability for wastewater irrigation: TBD

10:00 – 10:30 Coffee/Tea

11:00 – 12:30 Session 5e: Presentations of working group results and discussion⁵: Facilitator – (UNU-INWEH)

12:30 – 13:30 Lunch

13:30 – 15:45 Session 6: Capacity needs and national strategies

13:30 – 13:45 Session 6a: Capacity needs and national strategies: UNW-DPC

13:45 – 14:45 Session 6b: Roundtable discussions on specific aspects in the countries in the following breakout groups⁶

Group 1: Capacity building requirements for safe use of wastewater: Facilitator – (FAO)
Group 2: National dissemination strategies for safe use of wastewater: Facilitator – (UNW-DPC)

14:45 – 15:45 Session 6c: Presentations of working group results and discussion⁷: Facilitator – (ICID)

15:45 – 16:00 Coffee/Tea

16:00 – 17:00 Session 7: Wrap-up and Concluding Session

Expectation from the countries from the project workshops and beyond⁸: Facilitator TBD
Synthesis and concluding remarks: TBD

⁵ In session 5e, each group will present summary of discussions in plenary (15 minutes/group) and 15 minutes questions/comments and interactive discussion

⁶ In session 6b, countries will refine capacity building requirements as well as discuss institutional arrangements and national dissemination strategies for safe use of wastewater. They will try to answer: Which experiences/capacities do we have and what are needed? Which could be the pertinent national dissemination strategies? How could we help each other?

⁷ In session 6c, each group will present summary of discussions in plenary (15 minutes/group) and 15 minutes questions/comments and interactive discussion

⁸ Country representatives will play an active role in discussions