E-learning Module for ISWM

Dr Prasad Modak
Executive President
Environmental Management Centre, India

What is e-learning?

Why e-learning? Who uses it?

EMC’s E-learning Modules for ISWM
What is E-learning?

- Comprises all forms of **electronically** supported learning and teaching
- Caters to individual experience, practice and knowledge of the **learner**
- Content delivered via the Internet, intranet/extranet, audio or video tape, satellite TV, and CD-ROM
- Includes media in the form of **text, image, animation, streaming video and audio**

What is E-learning?

- Can be **self-paced** or **instructor-led**
- **Collaborative elements** are possible – blogs, discussion groups, chat sessions, web conferences, polls, surveys, forums
- Learners / trainees can be tested and graded via **assignments** and **quizzes**
- Can also serve as **add-on to short F2F training / teaching sessions**
Why E-learning?

- E-learning is more affordable than traditional classroom training, with savings of 60% or more.
- E-learning can be taken in multiple sittings and are available 24X7 — to better accommodate your busy schedule.
- E-learning is as mobile as you are! All you need is an internet-accessible computer.

Who Uses E-learning in the Environmental Domain?

- World Bank Institute (various courses)
- UNEP
- UNESCO
- Environmental Protection Department, Hong Kong
- US Environmental Protection Agency
- David Suzuki Foundation
- John Hopkins University (EIA Course via distance learning)
- University of Bath, UK (M.Sc. via distance learning in Integrated Environmental Management)
EMC’s E-learning Modules for ISWM

- The ISWM Course has been developed based on **EMC’s extensive involvement and hands-on experience** with the topic over the past few years:
  - ISWM project in Pune (India)
  - ISWM Workshop in Mauritius
  - UNEP’s Green Economy Report on Solid Waste Management
  - Various conferences held on the subject in Geneva, China and USA

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**CORE COURSE**

**Level 1**

1. Concept of Integrated Solid Waste Management
2. Strategic Planning Process
3. Situation Analysis
4. Gap Analysis in the Context of ISWM
5. Preparing the ISWM Action Plan
6. Implementing and Communicating the Action Plan
7. Incorporating the Participatory Approach
8. Awareness Raising and Training
9. Using the MSW Spreadsheet Tool - SIMWaste

**TECHNOLOGY-CENTRIC MODULES**

**Level 2**

1. Reducing, Reusing and Recycling Solid Waste
2. Collection and Transportation of Solid Waste
3. Treatment of Solid Waste
4. Disposal of Solid Waste
5. Sustainable Assessment of Technology (SAT): Methodology
6. Sustainable Assessment of Technology (SAT): Illustration
7. About Municipal Solid Waste
8. About Bio-medical Waste
9. About E-waste
10. About Hazardous Waste

**FINANCE-CENTRIC MODULES**

**Level 3**

1. Institutional and Financing Arrangements in SWM
2. Private Sector Participation in Solid Waste Management and Contracting Mechanisms
3. The Clean Development Mechanism and MSWM

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**Converted module**

**Special addition**
SIMWaste can help by:

Visualizing a “first cut” rapid assessment of options with available data and determine critical areas for future work.

Thank you!

Questions?