

SARDINIA 2017 / SYMPOSIUM STRUCTURE

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|-------------------------------------|---|---|---|--|--|---|--|---|
| Sunday October 1 | IWWG TRAINING COURSES | | | | | | | |
| Monday October 2 morning | OPENING SESSION | | | | | | | |
| Monday October 2 afternoon | A1 / IWWG activities in WM | B1 / Landfill siting and engineering | C1 / Contaminated sites | D1 / Generation of WEEE | E1 / Waste characterization | F1 / IWWG Workshop: Engineered nanomaterials in waste | | |
| | A2 / WM concepts in different countries | B2 / General aspects in WM | C2 / Waste generation under varying conditions | D2 / Material composition of WEEE | E2 / Waste separation and collection | F2 / Workshop: The EU life programme | G2 / Workshop: Testing biological stability of biodegradable waste | |
| Tuesday October 3 morning | A3 / WM policies and strategies I | B3 / Landfill processes | C3 / Anaerobic digestion processes I | D3 / WEEE: Characterization and treatment | E3 / Landfill liners performance | F3 / Workshop: Healthcare waste | G3 / Workshop: MFC applied to WM | H3 / Workshop: creating social value from WM through architecture |
| | A4 / WM policies and strategies II | B4 / Landfill aeration | C4 / Anaerobic digestion processes II | D4 / WEEE: Technologies for metal recovery | E4 / Landfill cover | F4 / Workshop: Recycling of tires | G4 / Workshop: Use of geophysics in old landfill survey | H4 / Workshop: WM and the relation with the city and the community |
| Tuesday October 3 afternoon | A5 / Food waste: generation, reduction, footprint | B5 / Semi-aerobic landfilling | C5 / Landfill biocover systems | D5 / WEEE: Regulations and strategies | E5 / Recycling and circular economy strategies | F5 / Workshop: Guidelines for sustainable landfills - the Lombardia region example | G5 / Workshop: Smart ground - Secondary raw materials | H5 / Architecture of WM facilities |
| | A6 / Food waste valorization | B6 / Characterization of landfill leachate | C6 / Methane oxidation in biofilters and biocovers | D6 / Thermal treatment perspectives worldwide | E6 / Climate change impact of WM facilities | F6 / IWWG Workshop: Education in WM - WEEE | G6 / Workshop: Elevated temperatures in landfills | H6 / Wasted landscapes |
| Wednesday October 4 morning | A7 / Environmental issues: diffuse contamination of soil and water | B7 / Biological treatment for landfill leachate | C7 / Anaerobic digestion - Different substrates | D7 / Characterization of MSWI bottom ash | E7 / Hazardous WM | F7 / Workshop: Waste to energy in Brazil | G7 / Workshop: Japanese experience and proposals for landfill aftercare | H7 / Architectural issues in landfilling |
| | A8 / Sustainable WM opportunities | B8 / Membrane filtration for landfill leachate treatment | C8 / Anaerobic digestion - biogas utilization | D8 / Recycling of MSWI bottom ash | E8 / Fate of bioplastics | F8 / Workshop: Disaster WM | G8 / IWWG Workshop: Landfill aeration | H8 / Functional requalification of old landfill sites |
| Wednesday October 4 afternoon | A9 / Integrated evaluation of WM systems | B9 / Alternatives in landfill leachate treatment I | C9 / Composting | D9 / Treatment and utilization of fly ash | E9 / Workshop: Plastic in rivers and oceans - a massive waste problem I | F9 / Workshop: Environmental forensics I | G9 / IWWG Workshop: Guiding documents for methane oxidation systems | H9 / Workshop: architecture of waste |
| | A10 / Decision making in WM | B10 / Alternatives in landfill leachate treatment II | C10 / Compost and digestate quality | D10 / Stabilization and environmental impact of incineration residues | E10 / Workshop: Plastic in rivers and oceans - a massive waste problem II | F10 / Workshop: Environmental forensics II | G10 / IWWG Workshop: Long-term landfill emissions | H10 / Reuse of waste materials in building products |
| Thursday October 5 morning | A11 / LCA: a tool for WM assessment | B11 / Landfill gas generation | C11 / Gaseous emissions from biological treatment plants and collection vehicles | D11 / Low temperature thermal waste treatment (biochar, torrefaction, hydrothermal) | E11 / IWWG Workshop: Prevention of food waste | F11 / Workshop: WM in transient countries: from socialistic to market economies | G11 / Workshop: landfill engineering: Problems and solutions | H11 / Ingegneria forense applicata alla gestione dei rifiuti I |
| | A12 / Landfill mining | B12 / Landfill gas generation modelling | C12 / Biorefineries | D12 / Treatment and recycling of bio-sludges | E12 / Air pollution impact and control in thermal treatment | F12 / Workshop: Monitoring gas emissions from WM facilities | G12 / Workshop: Leachate management - new challenges | H12 / Ingegneria forense applicata alla gestione dei rifiuti II |
| Thursday October 5 afternoon | A13 / Packaging waste recycling | B13 / Landfill gas emission monitoring | C13 / Assessment of WM in developing countries | D13 / Thermal treatment of sewage sludge | E13 / Companies Workshop: Vermicomposting for organic waste recycling I | F13 / Workshop: Data quality assessment of waste technologies and systems I | G13 / Workshop: Discussion of different values of the IPCC LFC model | H13 / Italian session |
| | A14 / Recycling and recovery of plastic | B14 / Landfill gas collection | C14 / Recycling by the informal sector | D14 / Treatment and recycling of industrial waste | E14 / Companies Workshop: Vermicomposting for organic waste recycling II | F14 / Workshop: Data quality assessment of waste technologies and systems II | G14 / Workshop: enhanced landfill mining | H14 / Italian session |
| Friday October 6 morning | A15 / Control of chemicals in waste material recycling | B15 / Landfill gas - treatment and effects | C15 / Leachate impact on groundwater | D15 / Construction and demolition waste | E15 / Workshop: Acidogenic fermentation | F15 / Companies forum I | G15 / Workshop: Leachate management in tropical areas | H15 / Italian session |
| | A16 / Social aspects in WM | B16 / Remediation of landfills | C16 / Different aspects of WM in developing countries | D16 / Recycling of waste from coal and steel industry | E16 / Workshop: Chemicals and circular economy | F16 / Companies forum II | | H16 / Italian session |
| Friday October 6 afternoon | CLOSING SESSION AND GALA DINNER | | | | | | | |