

### TOPIC

#### Organic refuse recycling and food gardens in business environments

### SYNOPSIS

Green Earth Landscaping has created a solution for the organic refuse (food waste) and agricultural waste that is generated at the source. The commercial vermicasting operation is an excellent job creation strategy in addition to an effort to prevent climate change. When organic refuse is land-filled, it generates methane gas due to anaerobic conditions. Methane gas is a green-house-gas that contributes to global warming. The recycling of organic refuse through aerobic composting or vermicasting is an excellent method to prevent the production of green house gas emissions, by diverting organic refuse, by means of recycling. Commercial Worm Farms are a simple method recycling organic refuse. The method of layering food waste and brown material such as mulch, leaves, or dried weeds, generates a feed bed for the worms to eat, excrete organic vermicastings, and devour organic waste. The VCS methodology VM0017 (Adoption of Sustainable Agricultural Land Management) allows for reducing direct nitrous oxide emissions from the application of synthetic nitrogen by using compost instead.

### SPEAKERS

#### Gina Leigh Shoemaker

(Managing Director – Green Earth Concepts. Organic Composting Consultant, Food & Trees for Africa.)



Gina has qualifications in the following fields:

Exceptional Skills Work Permit, Green Waste Recycling/Environmental Management

Ornamental Horticulture, Commercial Grounds Maintenance, Climate Reality Ambassador for The Republic of South Africa.

Advisor to Government projects of organic recycling methodologies to include (but not limited to) organic waste assessments. Development and implementation of composting operations to fit the scale preferences which minimize and eliminate the production of methane gas (a green house gas).

**Date:** Friday 4 September 2015  
**TIME:** 07:30 for 08:00  
**VENUE:** Thaba Eco Hotel, Impala Road, Klipriviersberg Nature Reserve, Johannesburg  
**COST:** R50 pp payable at the entrance - includes finger snacks  
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