

# EPA Sustainable Materials Management Web Academy



**From Pen & Paper to Artificial  
Technology:  
21<sup>st</sup> Century Methods for Measuring  
Excess Food**

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<https://www.epa.gov/smm/sustainable-materials-management-web-academy>

# Speakers



Max Mlinar,  
Director of Operations



CENTRAL MICHIGAN  
UNIVERSITY

Jay Kahn, Director of Facilities  
Operations



at McCormick Place  
Catering • Concessions • Special Events

Douglas Bradley,  
V.P. of Culinary  
Excellence Every Day



Gina Sears, Business Development  
Executive



**Boulder Valley**  
School District

Laura Smith, past Program & Grants  
Coordinator and current contractor





# Food Recovery Hierarchy

Most Preferred

## Source Reduction

Reduce the volume of surplus food generated

## Feed Hungry People

Donate extra food to food banks, soup kitchens and shelters

## Feed Animals

Divert food scraps to animal feed

## Industrial Uses

Provide waste oils for rendering and fuel conversion and food scraps for digestion to recover energy

## Composting

Create a nutrient-rich soil amendment

## Landfill/ Incineration

Last resort to disposal

Least Preferred

### EPA 食物回收等級

減少來源  
減少食物的剩餘量

給飢餓的人們  
將多餘的食物捐給食物庫貧民廚房和庇護中心

給動物  
將食物餘渣轉為動物食料

工業用途  
提供廢油脂和食物餘渣  
用來回收和製造能源

堆肥  
創造營養豐富的泥土

填埋/焚燒  
最後一招是  
填埋

最佳的選擇  
最劣的選擇

### EPA Jerarquía de Recuperación de los Alimentos

**Reducir la fuente**  
Reducir el volumen excedente de comida generada

**Combatir el hambre en la población**  
Donar la comida sobrante a bancos de alimentos, comedores comunitarios o refugios

**Alimentar a los animales**  
Utilizar las sobras de comida para la alimentación de animales

**Usos industriales**  
Destinar las sobras de comida y el aceite usado para su aprovechamiento energético

**Composteo**  
Crear un abono rico en nutrientes

**El basurero/incineración**  
Disposición al basurero

Más preferido

Menos preferido

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