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Introduction to Waste Management - 4 hour course

Agenda and Timeline

Hour 1:

20 minutes: Waste = food, Garbage a human invention, History of trash, Modern day milestones, Categories of waste

30 minutes: Amount of waste and recycling generated in US and globally, Impacts of population growth, Types of MSW

Including the following videos:

5 minutes: Video “Dianna Cohen: Tough truths about plastic pollution”

6 minutes: Video “Waste Deep”

***** 10 minute break *****

Hour 2:

50 minutes: Health and environmental impacts of mismanaged waste, Waste management strategies

***** 10 minute break *****

Hour 3:

10 minutes: Additional waste management issues: backyard burning, Illegal dumping.

20 minutes: Video and discussion “Van Jones: The economic injustice of plastic”

20 minutes: Waste as an export, Basel Convention, Informal recycling,

***** 10 minute break *****

Hour 4:

20 minutes: Beyond recycling, Cradle to Cradle design, Case study

30 minutes: Video and discussion “The Story of Stuff”

10 minutes: Can humans live without waste, What Would Nature Do?