Outline of Introduction to Bioremediation Course

Sakari's Garden Sustainable Bioremediation Technologies

When the aim of remediation is shifted from cleaning up the contamination to restoring the quality of the soil, we will have achieved the goal of managing soil as a natural resource for sustained use.

-The Soil Environment
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Part 1. Introducing Bioremedation

Guided Meditation:
To begin we will have an intention setting guided meditation for imagining a harmonic land space in which we shift the contaminants to organic matter, the plants are greatly nutritious, the animals and people are well and live in harmony with the land.

Introductions

Overview of Workshop:
Summary of Bioremediation: The use of microbes to greatly reduce or remove contaminants from soil, water, and air. Biosyntropic process.

History of need for Bioremediation & Deep Ecology

1. Humans
    - Human Structure

Psychophysiology,

1.1.1. Composition of the human body
1.1.2. Composition of the Human brain
How is this affected by communication between environments and other awareness filled beings on earth (society, family, community)?

Explain the makeup of the human body down to the very mineral and to the very photon.

- Human Relationships to Environment
- Human Relationship with self and others
- Paying with Attention and Awareness

2.

- Industrial Revolution: capitalism, longer life expectancy, entrepreneurship, transportation, supply and demand. Our societies and cultures
- Fertilizers (big/small agriculture)
- 20th century Technology

- Sustainability Age

Environmental Awareness
Interacting/Communicating with the Environment
- Environmental harmonics
- Harmonic holography
- Physics

Emotional Intelligence and the Environment (environmental psychology)
Elements of the Environment
- Soil, Air, Water, People
- Syntropy

Lunch

Part 2. Soil and Experimentation

Introduction to Soil
- Soil food web

1. Elements of the soil
2. Bacteria/Fungi
3. Carbon: Nitrogen
4. Minerals/Nutrients

Chelation & Chelating Therapy
- Chelating Necessity

Hands On:

How to Bioremediate
- Techniques
- Preventative Measures
- Advocacy