Permaculture Design Course (PDC)

Internationally Accredited Online Blended Learning www.permaculture2012.co.za



Permaculture facilitator: Ezio Gori



Addressing



Global Challenges One Plot at a Time!

Incorporating: A 72+ hour blended learning experience with online lessons, self study and site practicals where possible, interspersed with critical thinking, conversations that matter. and time for reflection.

Overarching themes: Food Sovereignty, Circular Economy, Climate Change Resilience, BioRegional Regeneration.

Designed for: community leaders, homesteaders, built environment professionals, sustainability practitioners, small & large scale farmers, people seeking right livelihoods, people in transition, critical thinkers. We invite students to bring their sense of humour, skills and genius to share!

Foundations of Permaculture Design Module 1:

Module

Permaculture Design Introduction **Inspirations** to **Permaculture**

The Heart of Permaculture Ethics

Theme

Module 2: **Ecological Farming Systems**

Regenerative Agriculture Soils and Plants **Farming Systems**

Module 3: **Ecological Urban Design**

> Module 4: **Applied**

Permaculture

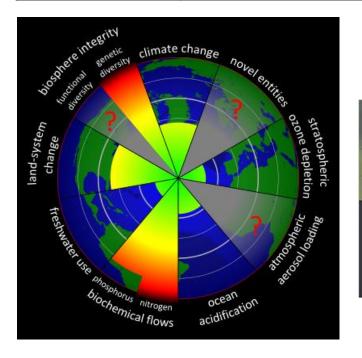
Design

Waste Water and Sanitation **Green Building** Green Infrastructure

Integrate Sustainability **Design Integration** Student Designs and Closure

Module 1: Introduction to Permaculture

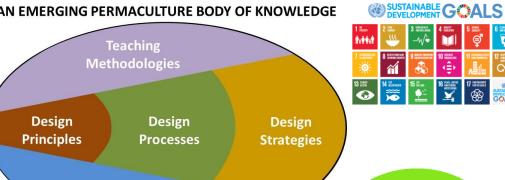
Theme	Key Content
Foundations of Permaculture Design	Introduction Body of Knowledge content Ethics and Principles
Permaculture Design Inspirations	Design processes Design applications Design inspirations
The Heart of Permaculture Ethics	Earth systems Sociocracy Sacred Economics





Student Learning Activities

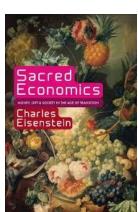




Environment

Social Sustainability **Ethics Economic**

BIOSPHERE



Busting our Biocapacity Budget

Module 2: Ecological Farming Systems

Theme	Key Content
Regenerative Agriculture	Scale of Permanence Holistic Management Keyline Design
Soils and Plants	Soil restoration Plant guilds Health and nutrition
Farming Systems	Rainwater harvesting Agroforestry Polycultures

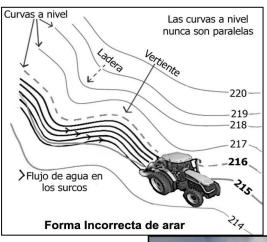




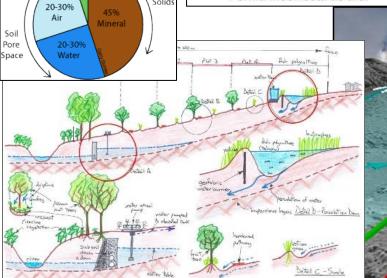












Soil Composition by Volume

X-Section AA

Module 3: Ecological Urban Design

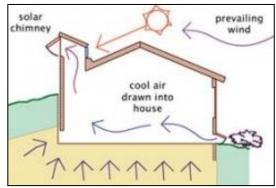
Theme	Key Content
Waste Water and Sanitation	Ecological sanitation Waste water treatment Restoration of water bodies
Green Building	Natural building materials Passive Building Design Integrated services & utilities
Green Infrastructure	Sustainable drainage systems Integrated infrastructure Urban greening



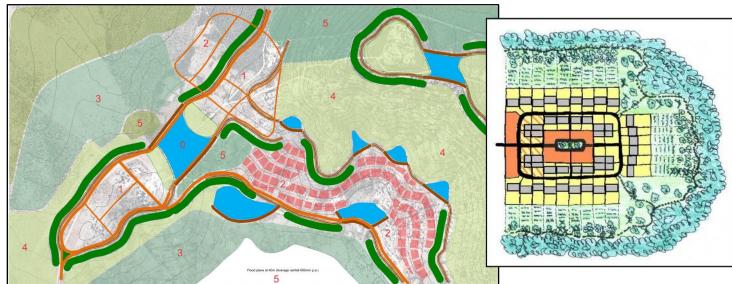






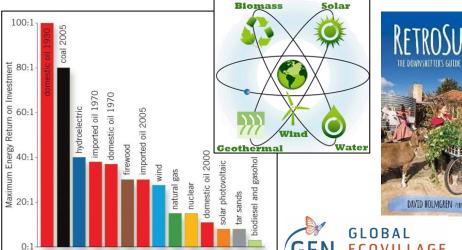


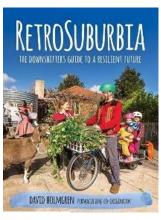




Module 4: Applied Permaculture Design

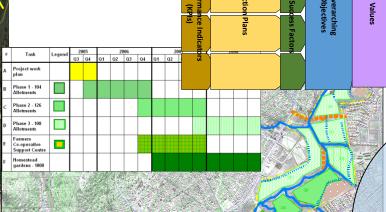
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Theme	Key Content
Integrate Sustainability	Energy Descent Planning Sustainable Food Systems Circular economy
Design Integration	Strategic Planning Project Management Monitoring and Evaluation
Student Designs and Closure	Student Permaculture Designs Further education Permaculture networks
Friuli EcoTourismo Project for Family Cook	•







This is just a Permaculture inspired very basic Concept Plan to share some potential ideas for this property which will support an envisaged overall enterprise with incor streams from three inter related sources. a Permaculture Design Course in order to empower these ideas and many others. The plan should also be phased according to priorities given available resources. As the bulk of the complete, the focus will shift to sustain the project through continuous adjustments and The journey is more satisfying and important than the end



Enabling Environment which builds resilience and cuts carbon

emissions

Low Carbon Development

Climate Resilient **Development**

Climate Compatible **Development**

Mitigation

Global actions that reduce the emissions that contribute to Climate Change

Climate **Proofing**

Adaptation Local actions that

minimize or prevent the negative impacts of Climate Change