

DO YOU WANT TO LEARN  
PERMACULTURE AT BOOMLAND?



12 SEP - 24 OCT

PERMACULTURE  
DESIGN  
CERTIFICATE



BOOMLAND  
SCHOOL



CENTRO DE  
AYURVEDA  
FORMAÇÃO, CONSULTORIA E TERAPIAS



13 DAYS

## ABOUT THE PDC

The Permaculture Design Course – PDC is an intensive immersion in the Permaculture universe, lectured by Silvia Floresta, Permaculture teacher and a high reference in Permaculture.

This course is designed to support students to develop an ecological language and an understanding of the basic principles of ecological and regenerative design.

With this knowledge, students will be able to redesign communities and human settlements, according to the rules of Nature.

The main objective of this PDC is to develop effective design skills through the practical application of knowledge and tools, in all landscapes.

A unique opportunity to see some of the nature design-inspired systems created at Boomland, and which are currently operating.

Boomland is a stunning holm oak natural reserve near the dam which hosts Boom Festival and the Being Gathering, two cultural and sustainable festivals which have been recognised with several international awards.



The PDC material we offer was originally developed by Bill Mollison, co-founder of permaculture, to teach the principles and ethics for sustainable design. All international PDC courses must follow the same format to ensure the integrity of the certification.

This 72 hours format allows the participants to dive into the principles of design in Permaculture, which will be applied and presented by the students in the Final Design Project. To qualify for the diploma, participants must attend a minimum of 80% of the course and present the Final Design Project.

Participants in the Permaculture Design Course who meet the above criteria receive a diploma at the end of the course. The diploma certifies that the participants acquired some knowledge in the area and allows them to start using the word "permaculture" in their personal or professional life.

At the end of the course, students who want to use permaculture in their personal lives should be able to start applying the knowledge they have acquired in training. Those hoping to use permaculture in the professional environment should add to this certification a minimum of two years of practice and a few hours of coaching from experienced teachers. However, students who appear with previous experience may be able to use permaculture in the professional environment much earlier. There is no formalised criterion to determine when an individual is ready to move into professional practice. The responsibility for this decision rests with each participant.

This course is based on the 14 chapters of the book *Permaculture: A Designers Manual* by Bill Mollison.

# TOPICS

- Permaculture principles and ethics;
- Reading the landscape. Observation of nature's patterns and cycles;
- Principles of ecosystems, climate and biogeography applied in Permaculture;
- Design Principles: Analysis process, Permaculture Zones, efficient energy planning, etc;
- Resource identification.  
Water in the environment, collection and conservation of water.  
The use of solar energy;
- Building healthy soil: base of soil structure, texture, etc. Strategies for soil improvement using green manure, compost, mulch and erosion control;
- Introduction to biofertilisers and practice;
- Introduction to vermicomposting and practice;
- Creation and maintenance of hot compost piles;
- Creation of heated showers with hot compost;
- Earthmoving exercise with a practical model;
- Establish gardens in Permaculture and Food Forests – learn how to select and maintain these systems. Learn "How to produce more food in a small space";
- Practice in Boomland's vegetable food garden and Agroforest. Start planting a new Agroforest;
- Collection and conservation of seeds, propagation and multiplication of plant species;
- Design of barriers against winds/fires;
- Introduction to the design of sustainable communities and eco-villages. Study different group organisation systems, alternative economy and strategies for a sustainable global nation;
- Final design project;
- Creation and maintenance of hot compost piles;



# TIMETABLE

12 OCT      13 OCT      14 OCT      15 OCT      16 OCT      17 OCT

08H00	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST
09H00	Presentation	Concepts & design themes	Patterns	BREAK	Climatic factors	Trees
11H00	TEA BREAK	TEA BREAK	TEA BREAK	BREAK	TEA BREAK	TEA BREAK
11H30	Permaculture history	Design & patterns	Patterns	BREAK	Dry land strategies	Agroforestry Forest garden Vegetable gardens
13H00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14H30	Permaculture history and examples	Concepts & design themes	Observation in nature; Exercise	BREAK	Humid cool to cold	Practical
16H00	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK
16H30	Permaculture "isms"	Design exercise	FREE TIME	BREAK	Humid tropics	Practical
18H30	FREE TIME	FREE TIME	FREE TIME	BREAK	FREE TIME	FREE TIME
19H30	DINNER	DINNER	DINNER	DINNER	DINNER	DINNER

# "PERMACULTURE IS REVOLUTION DISGUISED AS GARDENING"

- Mike Feingold-

Due to the intensity of this course and the long working hours, break times are extremely important to aggregate the information and to build the community spirit. Therefore, there will be mind and body activities such as Trance Dance sessions, music, surprises and time to relax. Massages will be available (fees applied).

On the last morning (16 Oct), at 11:00, there will be another opportunity to gather and celebrate, honouring the profoundly sacred knowledge that was shared, nurturing ourselves and our renewed respect for our planet.

18 OCT    19 OCT    20 OCT    21 OCT    22 OCT    23 OCT    24 OCT

08H00	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST
09H00	Water	Design Exercise	Earthworks I	Design exercise	Materials talk	Final design	FREE TIME
11H00	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	BREAK	CLOSING CEREMONY
11H30	Water	Soil	Earthworks II	Strategies for a global nation	Final design	Final design	
13H00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	
14H30	Water	Soil	Earthworks exercise	Project sharing (students)	Final design	Presentation	
16H00	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	
16H30	Practical	Soil design exercice	Earthworks exercise	FREE TIME	Final design	Celebration	
18H30	FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME	
19H30	DINNER	DINNER	DINNER	DINNER	DINNER	DINNER	

