

Sara Garcia Alonso

Designer, Consultant & Forest Engineer



Designer



Consultant



Engineer



Climates:

Arid

Continental

Temperate

Biomes:

Mediterranean Forests, Woodland & Scrub

Temperate Broadleaf & Mixed Forests

Temperate Coniferous Forests

Skills:



Permaculture Design



UDI Ai Certified



Water Conservation



Stormwater Management



Erosion Control



Allround Soil Restoration



Biodiversity



Ecosystem Restoration



Regenerative Agriculture



Home Steading



Alley Cropping



Food Forests



Analog Forestry

BIO

Sara García Alonso, based in Spain, is a forestry engineer that has worked mostly in the Mediterranean area. Her experience has led her to realize the key importance of restoring the soil and the water cycle in order to be able to settle healthy and productive ecosystems.

Sara García Alonso specializes in Mediterranean ecosystems and ecological design, incorporating nature-based solutions and bioengineering erosion control systems in which she integrates the advantages of ecosystemic services (e.g. biodiversity, erosion control, soil formation and/or biological plague control). She believes that ecological restoration on a large scale can be done by creating local ecologically stable and socio-economically productive landscapes.

SCOPE

Many areas of the Mediterranean have been highly degraded in the past decades, leading to the loss of the soil carrying capacity. In addition to that, the challenges of climate change make it necessary to do all we can in order to restore the land's life support systems.

Therefore, ecological restoration is the transversal axis on which her work is based. To do so, she integrates water and nutrient capture and infiltration systems, prioritizes native vegetation and the creation of habitats for wildlife as well as strategies to increase the quantity and diversity of the soil food web.

She seeks to give continuity to the landscape, nestling the farms within the environment, imitating natural forest systems and enhancing landscape connectivity.

APPROACH

- Design of regenerative landscapes with special care on the integration of effective water resources management, restoring the soil and increasing biodiversity (fauna and flora).
- Develops integrated water resources management systems for landowners.
- Sustainable agroforestry systems design, adapted to the specific conditions of Mediterranean farms.
- Studies of potential vegetation and analog ecosystems design.

INFO

Based in: SPAIN

Worked in:

Spain

France

Italy

Greece

Languages:

Spanish

English

Credentials:

Forestry Engineer by Universidad - Politécnica de Madrid
Permaculture Design Certificate by PRI (AUS)
Advanced Ecological and Digital Design® UDI
Analog Forestry Designer by IAFN
SFW Foundation Course, Soil Food Web School - Dr. Elaine Ingham
Owner of Ecoloniza

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