

Plant used in restoration: when the solution is an opportunity

Le piante utilizzate nella restaurazione: quando la soluzione è un'opportunità



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Vestire il Paesaggio[®]

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**Soil
bioengineering**



**Quality
improvement
of the place**



options

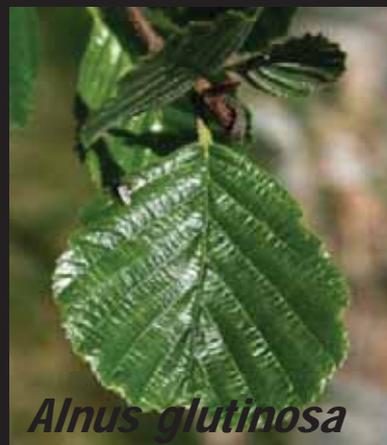


Soil bioengineering or ingegneria naturalistica pursues technological, ecological, economic as well as design goals and seeks to achieve these primarily by making use of living materials, i.e. seeds, plants, part of plants and plant communities, and employing them in near-natural constructions while exploiting the manifold abilities inherent in plants. It is the use of living plant materials to provide some engineering function.

L'Ingegneria Naturalistica è una disciplina tecnico-scientifica che studia le modalità di utilizzo, come materiale da costruzione, del materiale vegetale vivo (piante o parti di esse) in abbinamento con altri materiali inerti non cementizi quali il pietrame, la terra, il legname, l'acciaio, nonché in unione con stuoie in fibre vegetali o sintetiche.

H. M. Schiechteln

Tools



Examples

A



A degraded river became a highly visited peri-urban park

B



A polluted and smelly channel was transformed into a green urban tour

C



A natural water treatment became a nature tour

D



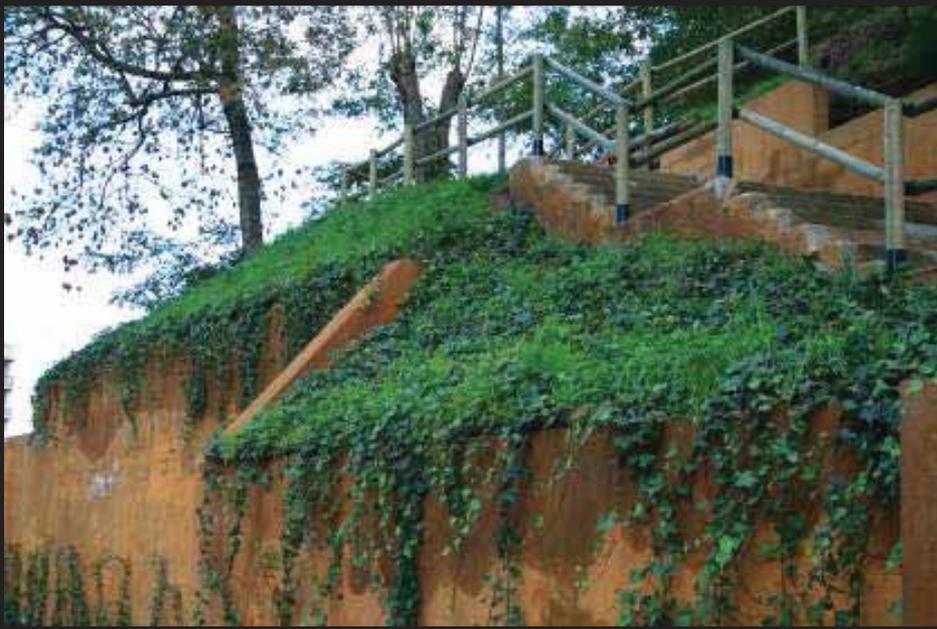
A village that rediscovered the river

A degraded river became a highly visited peri-urban park

Sant Hilari Sacalm (Girona, Spain)









A polluted and smelly channel was transformed into a green urban tour

Sant Boi de Llobregat (Barcelona, Spain)







A natural water treatment became a nature tour

Granollers, Can cabanyes (Barcelona, Spain)





A city that recovered the river

Santa Eulàlia de Ronçana (Barcelona, Spain)







Grazie mille

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