

1.	Record Nr.	UNISALENTO991000840499707536
	Autore	Casini, Giuseppe
	Titolo	Calcolo e disegno meccanico per disegnatori operai e tracciatori / Giuseppe Casini
	Pubbl/distr/stampa	Milano : Ulrico Hoepli Ed., 1967
	Edizione	[8a ed.]
	Descrizione fisica	xi, 406 p. ; 18 cm.
	Classificazione	513 621.7
	Soggetti	Geometria-Manuali
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910677562503321
	Autore	Prasad M. N. V (Majeti Narasimha Vara), <1953->
	Titolo	Handbook of ecological and ecosystem engineering / / M. N. V. Prasad
	Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , [2021] ©2021
	ISBN	1-119-67860-9 1-119-67850-1 1-119-67859-5
	Descrizione fisica	1 online resource (525 pages)
	Disciplina	628
	Soggetti	Ecological engineering Sustainable engineering
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.

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#### Sommario/riassunto

"Ecological engineering covers numerous disciplines for the design of sustainable ecosystems that integrate human society with its natural environment for the benefit of both. Over the past 3 decades, dominated by climate change and weather disasters, its goals have been widened. These include the restoration of ecosystems that have been substantially disturbed by human activities for e.g. mining and exploration of natural resources. There is a demand to reinforce nature's ecosystem services for the contemporary world. There are now several universities developing academic programs or departments called ecological engineering, ecological restoration etc. Case studies, demonstrations and applications pertaining to restoration, rehabilitation, conservation, sustainability, reconstruction, remediation and reclamation of ecosystems using ecological engineering techniques have been gaining considerable significance"--

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