



Slope Stability and Erosion Control: Ecotechnological Solutions

*Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll,
Alexis Achim*

Download now

[Click here](#) if your download doesn't start automatically

Slope Stability and Erosion Control: Ecotechnological Solutions

Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim

Slope Stability and Erosion Control: Ecotechnological Solutions Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim

This book is designed to assist the civil and geotechnical engineer, geomorphologist, forester, landscape architect or ecologist in choosing ecotechnological solutions for slopes that are prone to a variety of mass movements e.g. shallow failure or erosion. Within this book, the 'engineer' is used in the global sense to encompass all planners, designers, etc. who are involved in the stabilisation of slopes. We review the types of problematic slopes that may occur and describe briefly the nature of mass movements and the causes of these movements. In this book, we focus on the use of vegetation to stabilize soil on slopes prone to mass movements. Before a plant can be chosen for a particular function, its physical and hydrological properties must be determined, thus the root architecture of grasses, shrubs and trees are described and the soil hydrological and mechanical factors which influence vegetation are discussed. Depending on the use of the slope, the engineer may wish to ascertain either the stability of the slope or the mechanical stability of the vegetation or both, therefore slope stability analysis methods are reviewed and the contribution the vegetation has to the stability of the slope are explained. Models to assess the mechanical stability of vegetation are reviewed. This book also introduces new ecotechnological methods for stabilising active rockfalls on steep slopes and slopes that are prone to soil erosion following wild fires, as well as providing user friendly information on traditional ground bio-engineering techniques and tables of plants suitable for different functions. Case studies where ground bio- and eco-engineering measures have been put into practice are also discussed.

 [Download Slope Stability and Erosion Control: Ecotechnologi ...pdf](#)

 [Read Online Slope Stability and Erosion Control: Ecotechnolo ...pdf](#)

Download and Read Free Online Slope Stability and Erosion Control: Ecotechnological Solutions
Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim

From reader reviews:

Darren Marshall:

In this 21st centuries, people become competitive in each and every way. By being competitive at this point, people have do something to make all of them survives, being in the middle of often the crowded place and notice through surrounding. One thing that often many people have underestimated that for a while is reading. Yeah, by reading a book your ability to survive raise then having chance to stand than other is high. For you who want to start reading some sort of book, we give you this Slope Stability and Erosion Control: Ecotechnological Solutions book as basic and daily reading guide. Why, because this book is usually more than just a book.

Cornelius Callaghan:

Now a day folks who Living in the era wherever everything reachable by match the internet and the resources within it can be true or not need people to be aware of each data they get. How many people to be smart in obtaining any information nowadays? Of course the answer then is reading a book. Reading through a book can help men and women out of this uncertainty Information especially this Slope Stability and Erosion Control: Ecotechnological Solutions book since this book offers you rich details and knowledge. Of course the details in this book hundred % guarantees there is no doubt in it you probably know this.

Ronda Caesar:

In this time globalization it is important to someone to get information. The information will make you to definitely understand the condition of the world. The health of the world makes the information quicker to share. You can find a lot of recommendations to get information example: internet, newspaper, book, and soon. You can view that now, a lot of publisher that will print many kinds of book. The particular book that recommended for you is Slope Stability and Erosion Control: Ecotechnological Solutions this e-book consist a lot of the information on the condition of this world now. This book was represented so why is the world has grown up. The dialect styles that writer require to explain it is easy to understand. Typically the writer made some analysis when he makes this book. This is why this book appropriate all of you.

Mark Authement:

Some individuals said that they feel uninterested when they reading a publication. They are directly felt this when they get a half areas of the book. You can choose the actual book Slope Stability and Erosion Control: Ecotechnological Solutions to make your current reading is interesting. Your current skill of reading proficiency is developing when you such as reading. Try to choose simple book to make you enjoy to learn it and mingle the feeling about book and reading through especially. It is to be initially opinion for you to like to available a book and study it. Beside that the guide Slope Stability and Erosion Control: Ecotechnological Solutions can to be your new friend when you're feel alone and confuse using what must you're doing of

these time.

**Download and Read Online Slope Stability and Erosion Control:
Ecotechnological Solutions Joanne E. Norris, Alexia Stokes,
Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C.
Nicoll, Alexis Achim #WFO4S5HZPKV**

Read Slope Stability and Erosion Control: Ecotechnological Solutions by Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim for online ebook

Slope Stability and Erosion Control: Ecotechnological Solutions by Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Slope Stability and Erosion Control: Ecotechnological Solutions by Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim books to read online.

Online Slope Stability and Erosion Control: Ecotechnological Solutions by Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim ebook PDF download

Slope Stability and Erosion Control: Ecotechnological Solutions by Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim Doc

Slope Stability and Erosion Control: Ecotechnological Solutions by Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim Mobipocket

Slope Stability and Erosion Control: Ecotechnological Solutions by Joanne E. Norris, Alexia Stokes, Slobodan B. Mickovski, Erik Cammeraat, Rens van Beek, Bruce C. Nicoll, Alexis Achim EPub