Natural Resources Engineering

Description: Natural resource Engineering examines the physics and engineering aspects of soil and water-quality preservation. Topics include a quantitative overview of the hydrologic cycle, upland erosion and water quality, stream channel design, hydraulics of common management structures, ponds and embankments, drainage and irrigation, and stream and lake quality issues.

This practical text and reference:

Covers a diverse range of topics in the forefront of natural resources engineering

Stresses fundamentals, building on traditional agricultural engineering soil and water teachings

Contains chapter learning goals to help structure student study

Provides useful Internet addresses for current information and practical tips

Helps students and practicing professionals prepare environmentally friendly solutions for clients engaging in agricultural production and related commercial activities

Contents: Acknowledgments.

Preface.

Chapter 1. Natural Resources Engineering Opportunities.

Chapter 2. Precipitation.

Chapter 3. Infiltration.

Chapter 4. Evapotranspiration.

Chapter 5. Runoff.


Chapter 7. Water Quality and Upland Nonpoint Pollution.

Chapter 8. Open Channel Hydraulics.

Chapter 9. Vegetated Waterways.

Chapter 10. Terraces and Diversions.


Chapter 12. Impoundments and Embankments.


Chapter 15. Streamflow Processes and Lake Dynamics.

Appendix A: Ethics, Biotic Relationships, and Resource Economics.
Appendix B: Solutions for Trapezoidal Channels with Constrained Velocity.

Appendix C: Structure Installation and Soil-Impossed Forces.

Appendix D: Land-Forming Computations for Surface Drainage.

Appendix E: Centrifugal Pumps and Pumping System Design.

Appendix F: Plant Water Potential.

Appendix G: Unit Conversions.

Index.

Ordering:

Order Online - http://www.researchandmarkets.com/reports/2221936/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Natural Resources Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/2221936/">http://www.researchandmarkets.com/reports/2221936/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SCDKELS8</td>
</tr>
</tbody>
</table>

Product Format
Please select the product format and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Copy (Hard Back):</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐</th>
<th>Mrs ☐</th>
<th>Dr ☐</th>
<th>Miss ☐</th>
<th>Ms ☐</th>
<th>Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td>Last Name:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World