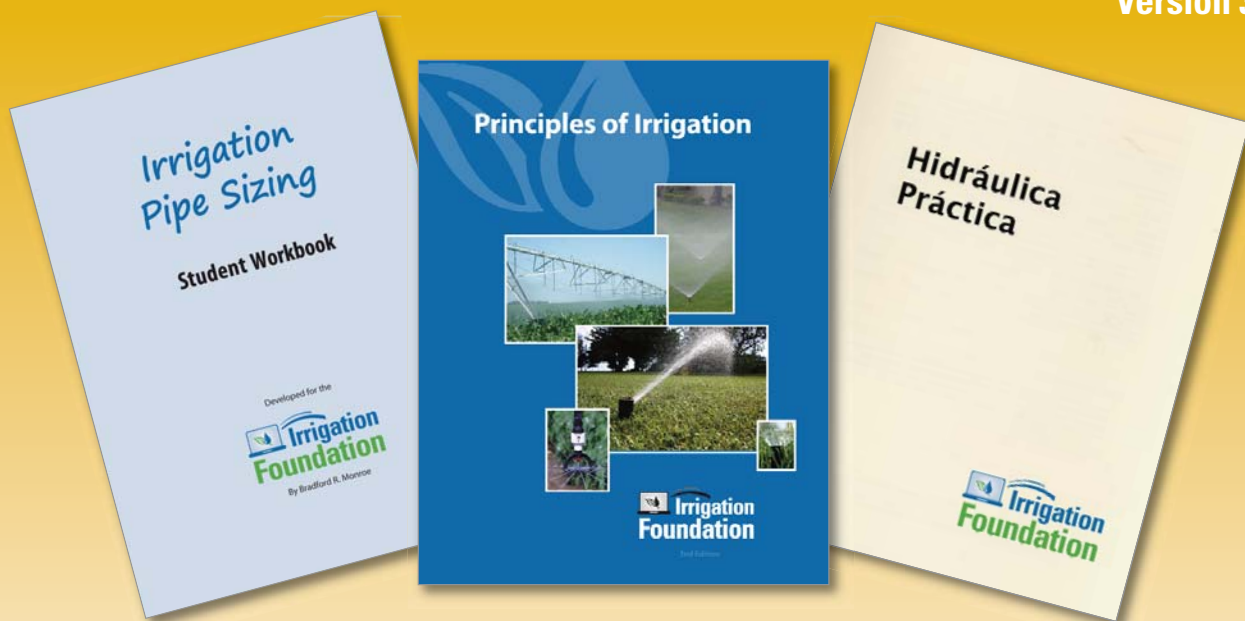




# 2011 Publications Catalog

Your primary source for irrigation-related resources

Version 3



Textbooks | Exam References | Instructor Kits | Workbooks





# Using This Catalog



## About the IA and Irrigation Foundation

Dedicated to promoting efficient irrigation, the Irrigation Association is the leading membership organization for irrigation equipment and system manufacturers, dealers, distributors, designers, consultants, contractors and end users. IA works to improve industry proficiency, advocate sound water management, and grow demand for water-efficient products and services.

The Irrigation Foundation is committed to strengthening the industry's workforce of today and tomorrow. The Foundation is investing in the irrigation industry's future by:

- Creating quality educational resources for continuing professional development.
- Increasing awareness of the broad range of fulfilling, rewarding careers in irrigation.
- Encouraging high schools, community colleges and universities to add irrigation classes and coursework.
- Helping students and graduates find professional opportunities in the industry through internships, co-op programs and entry-level jobs.

## What's Inside

Welcome to the Irrigation Foundation Publications Catalog — your source for irrigation education resources. Created for irrigation and green industry professionals, instructors and students, this catalog is divided into three sections for ease of use:

- **Self-Study Resources** – Grouped by market application (agriculture or turf/landscape/golf), this section offers a wide range of titles for everything from basic theory to advanced techniques. Upgrade your knowledge and skills with relevant, field-tested references from IA and the Foundation.
- **Classroom Resources** – Geared towards career seekers and educators, classroom resources include student workbooks and instructor kits. These materials have been developed to introduce learners to irrigation and water management theory and basic principles, with practical examples for in-class or laboratory exercises.
- **Industry Extras** – Hone your competitive edge with IA and Irrigation Foundation resources to prepare for certification, master new business management skills, and monitor the latest developments and best practices. Learn more about face-to-face classes, online learning and IA's new technical paper library.

No matter your level or area of expertise, you'll find the 2011 Publications Catalog has something to offer to everyone. Simply turn the page to find the right products for you.

And, for even more IA and Irrigation Foundation resources, be sure to visit our online store at [www.irrigation.org/store](http://www.irrigation.org/store).

## Hot Off the Press

Some of our newest publications include:

- Agricultural Sprinklers | p. 7
- Alternative Water for Landscape Irrigation | p. 3
- Basic Electricity for Irrigation Systems | p. 9





# Self-Study Resources

## Agriculture

### Center Pivot Design

By: Irrigation Association



A practical, comprehensive guide to center pivot systems for irrigation designers. Developed by Utah State University in partnership with major center pivot manufacturers, the book covers resource inventory and analysis, application rates, hydraulics, pipe layout, nozzle selection, end guns and basic scheduling. Manual for Center Pivot Design class.

(300 pages, soft cover book) (2000)  
Member \$30 | Nonmember \$40 | Academia \$18

Code: CPD

### Certified Irrigation Designer Reference Manual

Best Seller

By: Irrigation Association



This study guide for designers covers irrigation system hydraulics, sprinkler system hardware, electricity and irrigation pumps. Certified Irrigation Designer exam reference (CID-Step 2, CID-Step 3-Landscape/Turf and Agriculture, CID-Step 4-Commercial, Golf Course, Residential and Sprinkler).

(198 pages, soft cover book) (2000)  
Member \$23 | Nonmember \$30 | Academia \$14

Code: CERREF

### Chemigation

By: Irrigation Association



This hands-on, comprehensive resource for the chemigation planning process was written by IA-instructors for non-engineers. Topics include backflow protection, injection equipment, design considerations, fertilizer and pesticide selection, and calculating injection rates, as well as an overview of codes and regulations affecting chemigation. Includes detailed examples for sprinkler and drip applications.

(212 pages, soft cover book) (2000)  
Member \$35 | Nonmember \$42 | Academia \$21

Code: CHEM

### Irrigation (5th Edition)

Best Seller

By: Irrigation Association



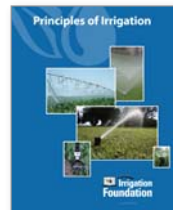
IA's industry "bible", this comprehensive reference places special emphasis on water and energy conservation through design, operation and scheduling. Contents include system use, system planning, soil-water-plant relationships, sprinkler patterns, hydraulics, pumps, agricultural and turf systems, environmental controls, chemical application, installation, operations and maintenance, economics of irrigation, piping, and drip systems. Certified Irrigation Designer exam reference (CID-Step 2, CID-Step 3-Landscape/Turf and Agriculture, CID-Step 4-Sprinkler, Drip Micro and Surface).

(686 pages, soft cover book) (2000)  
Member \$43 | Nonmember \$48 | Academia \$26

Code: FIFTH

### Principles of Irrigation (2nd Edition)

By: Irrigation Foundation



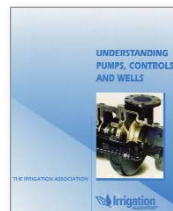
This manual covers the theory and application of irrigation principles. Chapters address system types; soil, plants and water; uniformity concepts; precipitation rates; scheduling; back-flow prevention; pipe and fittings; hydraulics; pumps; and electric principles and wire sizing. Extensive appendices include a glossary, tables, formulas and more. Manual for Principles of Irrigation class. Certified Landscape Water Manager exam reference.

(364 pages, soft cover book) (2010)  
Member \$60 | Nonmember \$70 | Academia \$36

Code: POI

### Understanding Pumps, Controls & Wells

By: Irrigation Association



This excellent introduction covers pump components, types and irrigation applications. Includes detailed directions on reading pump curves and specifying pumps, as well as case studies for agricultural and landscape applications, tables, terms and formulas.

(260 pages, soft cover book) (2002)  
Member \$28 | Nonmember \$35  
Academia \$17

Code: UP



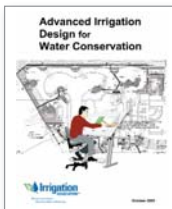


# Self-Study Resources

## Turf/Landscape/Golf

### Advanced Irrigation Design for Water Conservation

By: Irrigation Association

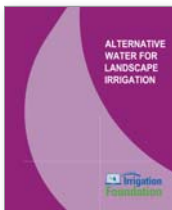


This book provides an in-depth analysis of water distribution. Learn how water comes out of a nozzle and how to achieve the highest distribution uniformity using pressure, spacing, hydraulics and equipment selection to impact the overall result. This resource for intermediate to advanced designers outlines how the principles of uniformity (DU, CU and SC) and efficiency should influence the irrigation design process.

(110 pages, soft cover book) (2005) Code: AID  
Member \$25 | Nonmember \$35 | Academia \$15

### Alternative Water for Landscape Irrigation

By: Irrigation Foundation



This book explores the use of alternate sources, including rainwater harvesting, reclaimed and recycled water. Learn about the regulatory, water quantity, water quality and economic implications of using alternative water resources, as well as how to assess and mitigate associated risks. Manual for Alternative Water for Landscape Irrigation class.

(85 pages, soft cover book) (2009) Code: AWLI  
Member \$25 | Nonmember \$35 | Academia \$15

### Certified Irrigation Designer Reference Manual



By: Irrigation Association



This study guide for designers covers irrigation system hydraulics, sprinkler system hardware, electricity and irrigation pumps. Certified Irrigation Designer exam reference (CID-Step 2, CID-Step 3-Landscape/Turf and Agriculture, CID-Step 4-Commercial, Golf Course, Residential and Sprinkler).

(198 pages, soft cover book) (2000) Code: CERREF  
Member \$23 | Nonmember \$30 | Academia \$14

### Drip Design in the Landscape

By: Irrigation Association



Targeted at beginners, this manual defines what a drip system includes and reviews the design process. Topics include gathering site information, calculating system requirements, zoning and piping. Includes sample system layouts, data collection and calculation worksheets, reference tables and formulas, plus a glossary of commonly-used terms. Certified Landscape Water Manager exam reference.

(196 pages, soft cover book) (2002) Code: LDL  
Member \$22 | Nonmember \$28 | Academia \$13

### Foundations of Landscape Irrigation Design



By: Irrigation Association

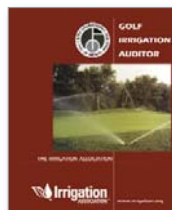


Master the basics of irrigation design. Developed by IA instructors with years of teaching experience, this beginner reference focuses on designing a simple residential or small commercial system. Organized to follow the typical design process, topics include gathering site information, calculating system capacity, soil-water-plant relationships, pipe sizing, hydraulics, head layout, uniformity, zoning and plan presentation.

(166 pages, soft cover book) (2002) Code: FOUNDATIONS  
Member \$25 | Nonmember \$35 | Academia \$15

### Golf Irrigation Auditor

By: Irrigation Association



Evaluate golf course water use and irrigation system uniformity with this easy-to-follow reference. Structured sequentially, the manual outlines how to evaluate system uniformity and develop clear and simple schedules to save water, while keeping golf courses beautiful and playable. Includes worksheets, checklists and examples to streamline the process. Certified Golf Irrigation Auditor exam reference.

(276 pages, soft cover book) (2004) Code: CGIA  
Member \$40 | Nonmember \$50 | Academia \$24



# Self-Study Resources

## Turf/Landscape/Golf

### Irrigation (5th Edition)



By: Irrigation Association



IA's industry "bible", this comprehensive reference places special emphasis on water and energy conservation through design, operation and scheduling. Contents include system use, system planning, soil-water-plant relationships, sprinkler patterns, hydraulics, pumps, agricultural and turf systems, environmental controls, chemical application, installation, operations and maintenance, economics of irrigation, piping, and drip systems. Certified Irrigation Designer exam reference (CID-Step 2, CID-Step 3-Landscape/Turf and Agriculture, CID-Step 4-Sprinkler, Drip Micro and Surface).

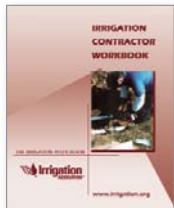
(686 pages, soft cover book) (2000)  
Member \$43 | Nonmember \$48 | Academia \$26

Code: FIFTH

### Irrigation Contractor Workbook



By: Irrigation Association



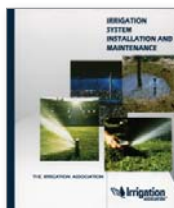
Improve irrigation contracting skills with this extensive reference manual. Topics include soil- water-plant relationships, distribution uniformity and efficiency, scheduling, precipitation rates, pumps, wire sizing, plans and specifications, contracts, safety, plumbing and electrical codes, OSHA regulations, hydraulics and more. Certified Irrigation Contractor exam reference.

(459 pages, soft cover book) (2002)  
Member \$45 | Nonmember \$55 | Academia \$27

Code: CICWRBK

### Irrigation System Installation & Maintenance

By: Irrigation Association



An excellent resource for field personnel and those new to the industry, this manual covers the basics of irrigation system installation and maintenance. Organized to follow the typical process for system installation, the book addresses blueprint reading, tools, basic hydraulics, field wiring, controllers, working with valves, pipe fitting, troubleshooting basics and more.

(178 pages, soft cover book) (2002)  
Member \$25 | Nonmember \$35 | Academia \$15

Code: ISIM



### Irrigation Wiring Practices & Grounding

By: Irrigation Foundation



Today's control systems for turf and landscape irrigation systems are becoming much more complex and sophisticated. This book provides extremely useful information on troubleshooting the new generation of two-wire systems, including decoders, wire sizing and wire connections, solar powered or battery operated controllers and proper grounding techniques. Manual for Advanced Irrigation Wiring and Troubleshooting class.

(102 pages, soft cover book) (2010)  
Member \$30 | Nonmember \$40 | Academia \$15

Code: IWPG

### Landscape Drainage Design

By: Irrigation Association



Improve surface and subsurface drainage design and installation with this reference manual. Topics include soil and water relationships, topography and grades, and drainage materials and applications.

(138 pages, soft cover book) (2000)  
Member \$22 | Nonmember \$28  
Academia \$13

Code: LD



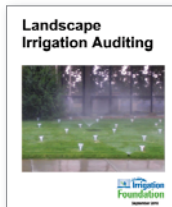
# Self-Study Resources

## Turf/Landscape/Golf

### Landscape Irrigation Auditor

Best Seller

By: Irrigation Foundation

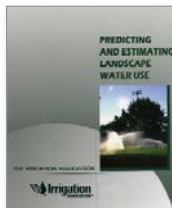


Audit irrigation systems and develop watering schedules for parks, golf courses and other large turf sites with this step-by-step guide. Originally developed by California Polytechnic for the California Department of Water Resources Landscape Water Management Program, the handbook has been revised and updated by the Irrigation Association. Certified Landscape Auditor exam reference.

(284 pages, soft cover book + software) (2007) Code: IRAUD  
Member \$50 | Nonmember \$60 | Academia \$30

### Predicting & Estimating Landscape Water Use

By: Irrigation Association



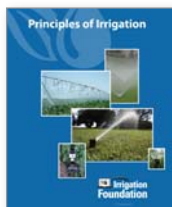
Learn how to calculate and compare water allowance to actual use with this step-by-step reference manual. Topics include calculating site water allowance based on weather, ET and uniformity, and determining actual or estimated water use. Includes detailed examples, graphs and charts, plus instructions on how to modify a design or existing site to meet a specific water allotment.

Certified Landscape Water Manager exam reference.

(76 pages, soft cover book) (2001) Code: PEMA  
Member \$22 | Nonmember \$28 | Academia \$13

### Principles of Irrigation (2nd Edition)

By: Irrigation Foundation



This manual covers the theory and application of irrigation principles. Chapters address system types; soil, plants and water; uniformity concepts; precipitation rates; scheduling; back-flow prevention; pipe and fittings; hydraulics; pumps; and electric principles and wire sizing. Extensive appendices include a glossary, tables, formulas and more. Manual for Principles of Irrigation class. Certified Landscape Water Manager exam reference.

(364 pages, soft cover book) (2010) Code: POI  
Member \$60 | Nonmember \$70 | Academia \$36

### Smart Technologies for Irrigation Management

By: Irrigation Association



Learn how emerging technologies can improve landscape irrigation water management. Topics include soil-plant-water relationships, calculating ET, managing soil moisture, sprinkler head performance, and irrigation uniformity and efficiency. Major sections review how weather-based controllers and soil moisture sensors work and how to install them correctly. Manual for Smart Technologies for Irrigation Management class.

(118 pages, soft cover book) (2009) Code: SMART  
Member \$28 | Nonmember \$42 | Academia \$17

### Sprinkler System Scheduling

By: Irrigation Association

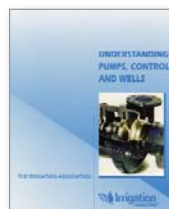


Learn how to create a watering schedule using irrigation controllers on automatic systems. Topics include evapotranspiration rates, root zones and soil types, precipitation rates, cycling, uniformity and watering intervals.

(102 pages, soft cover book) (2002) Code: SSS  
Member \$22 | Nonmember \$28  
Academia \$13

### Understanding Pumps, Controls & Wells

By: Irrigation Association



This excellent introduction covers pump components, types and irrigation applications. Includes detailed directions on reading pump curves and specifying pumps, as well as case studies for agricultural and landscape applications, tables, charts, terms and formulas.

(260 pages, soft cover book) (2002) Code: UP  
Member \$28 | Nonmember \$35 | Academia \$17





# Self-Study Resources



## Preorder Special — Only \$125

### Irrigation (6th Edition)

Code: IRRIG6TH

By: *Irrigation Foundation*

Focus: Agriculture, Turf/Landscape, Golf



Widely recognized as the definitive resource for irrigation technology, products and applications, *Irrigation (6th Edition)* is an indispensable self-study guide, classroom text and shelf reference. Developed by recognized experts from industry and academia, *Irrigation* includes:

- Introduction to soils, pumping and hydraulic theory and principles.
- Detailed descriptions of irrigation technologies and products, types and uses.
- Practical guidelines for irrigation system design, installation, maintenance and auditing.
- Advanced techniques for agriculture, nursery and greenhouse systems, turf, landscape and golf irrigation applications.

Updated for the first time since 1983, the long-awaited sixth edition is due to feature:

- Over 30 comprehensive chapters and 900 pages.
- Eight new chapters and updated content throughout.
- Easy-to-read, larger hard cover format.
- Dramatically expanded charts, graphs, line drawings and photographs.
- English and metric equivalent units and measurements.
- References for more details and recommended resources to monitor the latest developments.

**Available in Spring 2011**

**Call IA today at 703.536.7080 to reserve your copy at the discounted, introductory price of only \$125 for IA members (\$160 nonmembers and \$75 for academia).**

## Ag & Landscape Water Management Careers



Effective management is critical to conserve water supplies, grow the economy and protect the environment.

**You can make a difference** with a career in irrigation.

Ag and Landscape irrigation professionals are at the forefront of:

- Implementing systems that deliver water more efficiently.
- Developing technology that reacts to soil/climate conditions.
- Finding ways to put recycled water to use.

Be part of the water management solution.

Visit [www.irrigationfoundation.org](http://www.irrigationfoundation.org) today to:

- Learn how you can make a difference.
- View sample job descriptions and profiles of water management and irrigation professionals.
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# Classroom Resources

## Enhance Your Expertise

Irrigation Foundation has developed a number of curriculum resources for use by colleges and technical schools. Instructor kits, student workbooks and laboratory kits can be used as primary texts, to supplement existing coursework or for independent study.

Although developed for a classroom environment, these resources are available to anyone in the industry and are an excellent resource for irrigation basics.



### Instructor Kits

Instructor teaching kits include:

- PowerPoint slide deck
- Instructor manual with a screen shot of each PowerPoint slide with teaching notes
- Student workbook with answers to practice problems and quizzes.
- Additional teaching resources, such as sample spreadsheets, graphics, material lists and suggested questions for quizzes and tests

### Student Workbooks

Student workbooks are used to learn single-subject principles and concepts. Workbook contents include practice problems, tables, calculation worksheets, glossary of terms and various other references.

When filling out the publication order form on p. 13, add "TK" to the item code for instructor toolkit; add "SM" to the item code for student manual.

### Pricing for Classroom Resources

Instructor Toolkit – Member \$200 | Nonmember \$300 | Academia \$25

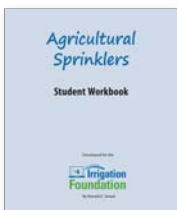
Student Workbook – Member \$10 | Nonmember \$15 | Academia \$6

## Agriculture

### Agricultural Sprinklers

Code: EF-AS

By: Ronald E. Sneed



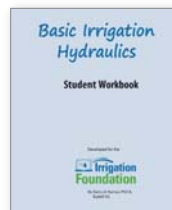
Growers, farmers, regulatory agencies and environmentalists are demanding irrigation systems that better manage water and energy resources, driving advances in technology. This workbook covers sprinkler irrigation systems used in production agriculture, including criteria to select the best option based on crop type and site-specific growing conditions.

(32 pages, shrink-wrapped, 3-hole punched binder insert) (2010)

### Basic Irrigation Hydraulics

Code: EF-BH

By: Ramesh Kumar and Eudell Vis



Introduce students to basic hydraulic principles and how they are applied in irrigation systems. This workbook addresses how pressure is created, the difference between static and dynamic pressure and flow, as well as an introduction to friction loss in piping, fittings and other irrigation system components.

(74 pages, shrink-wrapped, 3-hole punched binder insert) (2010)



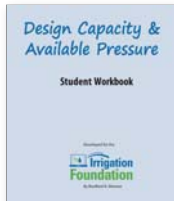


# Classroom Resources

## Agriculture

### Design Capacity & Available Pressure Code: EF-DC

By: Bradford R. Monroe

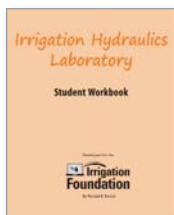


Evaluate various water sources for irrigation system designs. This workbook teaches students to determine the maximum safe flow, and calculate water and pressure requirements to meet the irrigation demands of a particular field or landscape.

(60 pages, shrink-wrapped, 3-hole punched binder insert) (2010)

### Irrigation Hydraulics Laboratory Code: EF-IH

By: Ronald E. Sneed

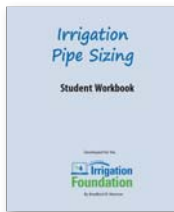


Help students understand hydraulic principles by seeing them in action. This laboratory exercise provides hands-on experience at reading meters and gauges, and observing how hydraulic principles impact sprinkler performance. A companion to *Basic Irrigation Hydraulics*.

(50 pages; shrink-wrapped, 3-hole punched binder insert) (2010)

### Irrigation Pipe Sizing Code: EF-PS

By: Bradford R. Monroe



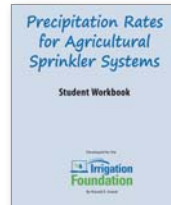
Learn how to properly size pipe for more economical irrigation systems that perform correctly. This workbook covers applying the friction factor and velocity methods, as well as when to use each option. Practice problems help students develop skills, including using friction loss charts.

(74 pages, shrink-wrapped, 3-hole punched binder insert) (2010)



### Precipitation Rates for Agricultural Sprinkler Systems Code: EF-PRAS

By: Ronald E. Sneed



Learn how to calculate precipitation rates and develop irrigation schedules for sprinkler systems used in production agriculture. Includes practice problems for different scenarios to use sprinklers to irrigate crops. A companion to *Agricultural Sprinklers*.

(34 pages, shrink-wrapped, 3-hole punched binder insert) (2010)

## Save on Publication Packages

Some subjects work well when taught together. Buy these resources as a package and save 10 percent off the list price:

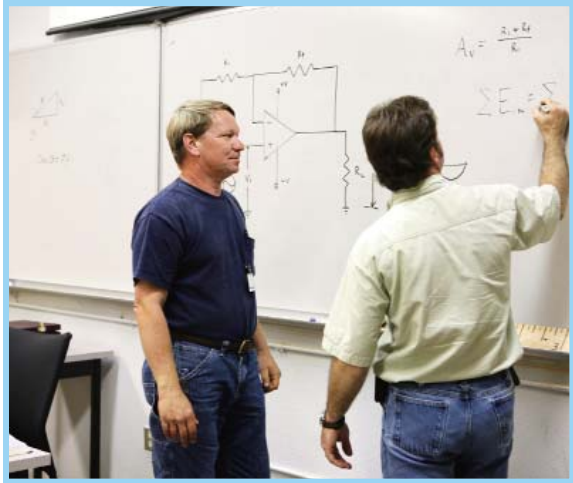
- *Basic Irrigation Hydraulics, Irrigation Pipe Sizing and Design Capacity & Available Water Pressure* (Code: PD-1)
- *Basic Electricity and Electrical Troubleshooting for Landscape Irrigation Systems* (Code: PD-2)
- *Agricultural Sprinklers and Precipitation Rates for Agricultural Systems* (Code: PD-3)





# Classroom Resources

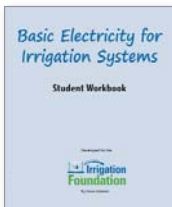
## Turf/Landscape/Golf



### Basic Electricity for Irrigation Systems

Code: EF-BE

By: Vince Nolletti



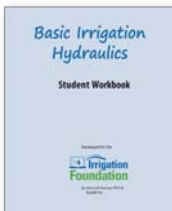
This workbook is a basic primer for electricity in irrigation systems. Review electrical terminology, the rationale behind electrical codes and safety requirements, typical circuits used in control system wiring, and calculating the correct wire size and length.

(26 pages, shrink-wrapped, 3-hole punched binder insert) (2010)

### Basic Irrigation Hydraulics

Code: EF-BH

By: Ramesh Kumar and Eudell Vis



Introduce students to basic hydraulic principles and how they are applied in irrigation systems. This workbook addresses how pressure is created, the difference between static and dynamic pressure and flow, as well as an introduction to friction loss in piping, fittings and other irrigation system components.

(74 pages, shrink-wrapped, 3-hole punched binder insert) (2010)

### Design Capacity & Available Pressure

Code: EF-DC

By: Bradford R. Monroe



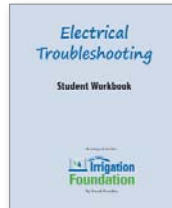
Evaluate various water sources for irrigation system designs. This workbook teaches students to determine the maximum safe flow, and calculate water and pressure requirements to meet the irrigation demands of a particular field or landscape.

(60 pages, shrink-wrapped, 3-hole punched binder insert) (2010)

### Electrical Troubleshooting for Landscape Irrigation Systems

Code: EF-ET

By: Don Franklin



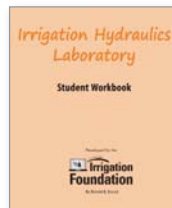
Learn how to diagnose common irrigation faults found in the field. This workbook covers meters commonly used in landscape systems and how to read them, as well as the recommended sequence to troubleshoot electrical problems. Appropriate for use as a lecture or laboratory exercise.

(40 pages, shrink-wrapped, 3-hole punched binder insert) (2010)

### Irrigation Hydraulics Laboratory

Code: EF-IH

By: Ronald E. Sneed



Help students understand hydraulic principles by seeing them in action. This laboratory exercise provides hands-on experience at reading meters and gauges, and observing how hydraulic principles impact sprinkler performance. A companion to *Basic Irrigation Hydraulics*.

(50 pages; shrink-wrapped, 3-hole punched binder insert) (2010)





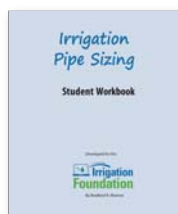
# Classroom Resources

## Turf/Landscape/Golf

### Irrigation Pipe Sizing

Code: EF-PS

By: Bradford R. Monroe



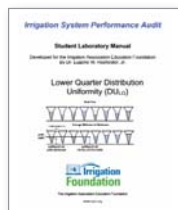
Learn how to properly size pipe for more economical irrigation systems that perform correctly. This workbook covers applying the friction factor and velocity methods, as well as when to use each option. Practice problems help students develop skills, including using friction loss charts.

(74 pages, shrink-wrapped, 3-hole punched binder insert) (2010)

### Irrigation Systems Performance Audit

Code: EF-ISPA

By: Eugene W. Rochester



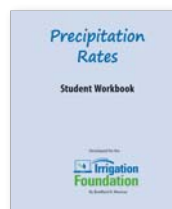
Learn the basics of auditing irrigation systems. This laboratory exercise provides hands-on experience with conducting an audit, including measuring sprinkler head performance, net precipitation rate and distribution uniformity, plus creating irrigation schedules.

(20 pages, shrink-wrapped, 3-hole punched binder insert) (2005)

### Precipitation Rates for Turf/Landscape

Code: EF-PRTL

By: Bradford R. Monroe



Calculate how fast water is applied to the landscape by irrigation systems. This workbook explains how nozzle flow rate and sprinkler spacing impact precipitation rates, and the relationship between matched precipitation rates and sprinkler uniformity.

(44 pages, shrink-wrapped, 3-hole punched binder insert) (2010)



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# Industry Extras

## Business Publications



### Bidding & Estimating Irrigation Systems

Code: BE

By: James Huston and Chris Pine



Learn how to develop an accurate and profitable bid with this detailed guide to the bidding process. Based on the author's book, *Bidding & Estimating for Landscape & Irrigation Contractors*, this streamlined version is designed for improved comprehension and immediate application.

Includes detailed, progressive examples for easy reference and a supporting spreadsheet (requires Microsoft Excel 97 or higher).

(140 pages, soft cover book + software) (2010)  
Member \$75 | Nonmember \$85 | Academia \$45

### Managing an Irrigation Service Company

Code: MIS

By: Irrigation Association



Considering expanding into the high-growth, high-profit maintenance service business? Learn the differences between managing a service company and an installation or contracting business. Focused on the business aspects of a service company, this resource covers how to sell and market servicing irrigation systems to grow your business.

(66 pages, soft cover book) (2008)  
Member \$14 | Nonmember \$20 | Academia \$8

## Spanish Publications

### Conceptos Básicos sobre Bombas de Riego, Segunda Edición

Code: SPANUP

By: Irrigation Association



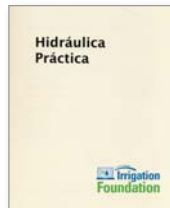
Este manual es una introducción excelente al tema de bombas. El manual lo lleva a través de los componentes de bombas, los estilos de bombas usadas en la industria de irrigación, y sus aplicaciones. El manual también incluye varios ejemplos reales del proceso de selección de bomba eficiente para aplicación agrícola y de jardín, al igual, el manual incluye tablas, gráficas, términos, y formulas.

(178 páginas, tapa suave) (1996)  
Member \$28 | Nonmember \$35 | Academia \$17

### Hidráulica Práctica

Code: FHSP

By: Irrigation Foundation



Este manual es perfecto para personas que trabajan en la instalación y el mantenimiento de sistemas de riego. Es la hidráulica para aquellos que no diseñan. Al seguir los ejemplos en el libro y en el disco compacto de entrenamiento (interactive training CD), el cual se ofrece por separado, el estudiante aprenderá cómo realizar cambios a sistemas existentes sin tener afectos adversos en la hidráulica (presión y flujo).

(88 páginas, tapa suave) (2002)  
Member \$15 | Nonmember \$20 | Academia \$9

### Instalación y Mantenimiento de Sistemas de Riego

Code: ISIMSP

By: Irrigation Association



Este manual es fabuloso para aquellos que se inician en riego. Su fortaleza radica en el diseño. Está escrito en el mismo orden en que se instala un sistema. Cubre la mayor parte de temas básicos, como lectura de planos, herramientas, hidráulica básica, cableado de campo, controladores, trabajar con válvulas, instalación de tuberías, etc.

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# Industry Extras



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- Electrical Troubleshooting
- Landscape Irrigation Hydraulics
- Landscape Irrigation Precipitation Rates
- Landscape Irrigation Scheduling

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Irrigation (5th Edition)  
Principles of Irrigation (2nd Edition)
- **Certified Golf Irrigation Auditor (CGIA)**  
Golf Irrigation Auditor
- **Certified Landscape Irrigation Auditor (CLIA)**  
Landscape Irrigation Auditor
- **Certified Landscape Water Manager (CLWM)**  
Drip Design in the Landscape  
Predicting & Estimating Landscape Water Use  
Principles of Irrigation (2nd Edition)  
Irrigation Contractor Workbook  
Certified Irrigation Designer Reference Manual  
Landscape Irrigation Auditor

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<input type="checkbox"/> Dealer	<input type="checkbox"/> \$750	<input type="checkbox"/> \$1,500	<input type="checkbox"/> \$3,000	<input type="checkbox"/> \$6,000
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<input type="checkbox"/> Contractor**	<input type="checkbox"/> \$400	<input type="checkbox"/> \$800	<input type="checkbox"/> \$1,600	<input type="checkbox"/> \$3,200
<input type="checkbox"/> Consultant	<input type="checkbox"/> \$400	<input type="checkbox"/> \$800	<input type="checkbox"/> \$1,600	<input type="checkbox"/> \$3,200
<input type="checkbox"/> Affiliate Organization	<input type="checkbox"/> \$300	<input type="checkbox"/> n/a	<input type="checkbox"/> n/a	<input type="checkbox"/> n/a

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<input type="checkbox"/> Commercial End User	<input type="checkbox"/> \$300	<input type="checkbox"/> \$600	<input type="checkbox"/> \$1,200	<input type="checkbox"/> \$2,400
<input type="checkbox"/> University/Government	<input type="checkbox"/> \$300	<input type="checkbox"/> n/a	<input type="checkbox"/> n/a	<input type="checkbox"/> n/a

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### Number of Employees \_\_\_\_\_

### Annual Irrigation Related Sales \$ \_\_\_\_\_

### Primary Market (Check only one)

Agriculture  Turf/Landscape  Golf

### Secondary Market

Agriculture  Turf/Landscape  Golf

### Type of Organization (Check only one)

<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Golf Course
<input type="checkbox"/> Manufacturers' Rep	<input type="checkbox"/> Grower/Farmer
<input type="checkbox"/> Distributor	<input type="checkbox"/> Government: City/County
<input type="checkbox"/> Dealer	<input type="checkbox"/> Government: State/Federal
<input type="checkbox"/> Contractor	<input type="checkbox"/> University
<input type="checkbox"/> Consultant	<input type="checkbox"/> Water/Energy Agency/Utility
<input type="checkbox"/> Commercial End User	<input type="checkbox"/> Industry Supplier (non-irrigation)
<input type="checkbox"/> Landscape Architect	<input type="checkbox"/> Other _____

### Primary Job Responsibility (Check only one)

<input type="checkbox"/> Owner/Partner	<input type="checkbox"/> Administration
<input type="checkbox"/> Executive Management	<input type="checkbox"/> Customer Service
<input type="checkbox"/> Sales	<input type="checkbox"/> Instructor/Professor/Ext. Agent
<input type="checkbox"/> Marketing/PR/Advertising	<input type="checkbox"/> Technician (install, maintain)
<input type="checkbox"/> Engineering	<input type="checkbox"/> Golf Course Superintendent
<input type="checkbox"/> Research/Development	<input type="checkbox"/> Irrigation Manager
<input type="checkbox"/> Design	<input type="checkbox"/> Turf Manager
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<input type="checkbox"/> Warehouse/Logistics	<input type="checkbox"/> Other _____
<input type="checkbox"/> Branch Manager	





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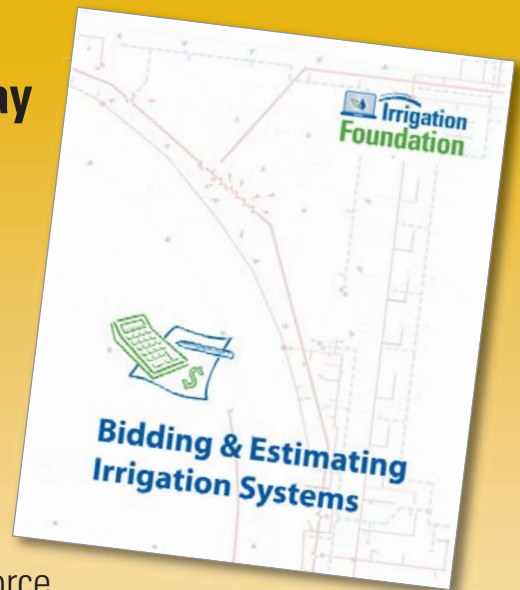
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