

# FUNDAMENTALS OF INTEGRATED WATER RESOURCES MANAGEMENT (IWRM)

## A TRAINING COURSE

Washington, DC  
November 10 - 21, 2008



**ALL COURSE PARTICIPANTS RECEIVE A LAPTOP COMPUTER!**

### COURSE HIGHLIGHTS:

- Learn how and why to take an *integrated* approach to water resources management
- Learn the key elements of integrated water resources management (IWRM) including policy, governance, and stakeholder issues
- Learn how to increase participation of women and other stakeholders in IWRM
- Learn the key engineering, policy, and strategic requirements for effective IWRM
- Develop your own IWRM *Action Plan* for your ministry or municipal government
- Network and build relationships with IWRM experts, policy-makers, and fellow participants involved with water resources programming

### REGISTER ONLINE!

[www.ip3.org](http://www.ip3.org)

*“This IP3 course is essential in building sustainable capacity in IWRM. From important discussions on cultural and gender related issues to policy planning and demand side management, this course will cover the fundamentals as well as the latest developments in IWRM today.”*

*Matthew Hensley  
President, IP3*

Course Sponsor



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## COURSE LEARNING OBJECTIVES

Water is humanity's most precious resource — a social good as well as an economic good — and the protection and sustainability of the world's water resources is among the most pressing issues facing governments and communities today, particularly so in the water scarce areas of the Middle East and Africa. To better prepare officials at all levels of government to design, plan, and implement integrated water resources management, this course focuses on the key elements of water planning and management, including the rationale and objectives of IWRM, the planning and processes of a program at all government levels, administrative/organizational decentralization, and stakeholder participation.

Through presentations, case studies, role-playing, simulated exercises, and on-site meetings with IWRM experts and practitioners, participants will learn to develop their own water resources management *Action Plan* for programs at the national (ministerial), governorate, and municipal levels.

### COURSE CONTENT

#### Module I: Integrated Water Resources Management: Planning and Rationale

- *Integrated* water resources planning and management
- Water systems for human consumption and sanitation and water systems for agriculture
- Environmental protection and sustaining ecosystems
- Water and development
- Economic value of water

#### Module II: Policy Imperatives and Water Governance Practices

- Sound policy and legal framework
- Institutional framework
- Balancing different water needs and interests
- Role of national and local governments
- Effective water resources planning and policy implementation and enforcement
- Special considerations for cultural conservation of water ecosystem dependent peoples

#### Module III: Gender Issues and Water Demand Management

- Differing roles of men and women and water usage/conservation
- Need for gender awareness
- Link between involving women in water planning and management and effective conservation
- Water demand management principles
- Methods of WDM and institutionalizing WDM policies and procedures

#### Module IV: Stakeholder Involvement

- Everyone, everywhere is a stakeholder in water resources management
- How and when to include non-government stakeholders in planning and management
- Creating opportunity and capacity for stakeholder involvement
- Decentralization of decision-making as a tool of involvement

#### Module V: Site Visits

#### Module VI: Action Planning

### WHO SHOULD ATTEND

Government Officials from National Ministries, State Agencies, or Municipal Governments

Officials from PPP, Privatization Units or Investment Agencies involved with decentralization programming

Representatives of Stakeholder and Citizen Groups

Staff of Bilateral and Multilateral International Organizations

### DATE, LOCATION & COST

DATES: NOVEMBER 10-21, 2008

LOCATION: WASHINGTON, DC

TUITION: \$4,450

COURSE CODE: 1829-WA

CEUs EARNED: 6.0 CEUs

### TECHNOLOGY AND LEARNING AT IP3

Since our founding, IP3 has proudly recognized the importance of technology in our capacity building programs. We have provided thousands of participants with laptop computers and relevant software packages which have been integrated into computer-based problem/case study solving exercises; simulated financial, economic, and legal modeling sessions; Internet-based research activities; communication tools; and Action Planning programming. In this course, each participant will receive a new mobile Intel® Pentium® 4 or Celeron® laptop computer to take advantage of this integration of learning technologies offered during the course and after their return to the office.

### INSTITUTE FOR PUBLIC-PRIVATE PARTNERSHIPS (IP3)

The Institute for Public-Private Partnerships, Inc. (IP3) is an international training and consulting firm that focuses on advancing public-private partnership programs and opportunities, regulation operations and management initiatives, and competitive utility management reform in the environmental (waste/sanitation and solid waste), energy, transportation, technology, municipal service, health, and education sectors. Since 1994, we have trained over 25,000 professionals from over 150 countries worldwide.

#### For More Information and to Register:

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Register Online at: [www.ip3.org](http://www.ip3.org)

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