

Short Courses
2012

DEV

INTERNATIONAL
DEVELOPMENT
University of East Anglia

Water Security for Policy Makers and Practitioners

Short Course 28 May – 1 June 2012, in Norwich UK



International Development UEA and Water Security
Research Centre, University of East Anglia



UEA University of
East Anglia

Water Security for Policy Makers and Practitioners

Dates 28 May – 1 June 2012, 5 days

Places 20

Fee £1500 (day rate £300). Includes all tuition and B&B accommodation

Target audience The course is designed for entry and mid-level water and development policy-makers and professionals in government, donor, NGO or implementing agencies. A number of places will be made available to environmental journalists, consultants and activists wishing to take their knowledge of water resources further. Participants are expected to acquire a wide variety of tools and analytical frameworks from a variety of disciplines. While the focus is on policy, the extensive field and analytical competence of the lecturers ensures that participants benefit from grounded theory and experience.

Location UEA Norwich campus

The University of East Anglia Water Security Research Centre and the London Water Research Group are pleased to combine once again their expertise to offer this contemporary, innovative short course. Bringing together their respective strengths in water politics, climate change, agricultural water management and water allocation, this course will provide participants with an exceptional chance to acquire an understanding of a key global issue: water security.

Objectives

The course will provide policy-makers with comprehensive background knowledge relevant to the increasingly important policy challenge of ‘water security’. The course will explore how the multiple levels of water security – human, community, state, international and global – require broad but considered policy inputs. Emphasis will be placed on the inter-dependencies of different sectors (climate security, food security, energy security) that interact within a ‘web’ of water security. The implications for national security and human security will be interpreted through an appreciation that water security for some can mean water insecurity for others. Emphasis will be placed on the importance of shifting global climate and trade patterns.

Participants can expect to leave the course with an ability to critically assess and address current water security policy, to gain an appreciation of the relations between water security and energy, climate, food, human or national security, and to have extended their networks and resource base. A certificate of completion will be issued by the School of International Development, University of East Anglia.



Course contents

The teaching will incorporate both natural and social sciences as a matter of routine. Cutting-edge practitioner and academic professionals will be used to deliver the 10 main topics. There will be lecture sessions focusing on theory and concepts, as well as applied sessions where participants will be able to discuss and compare their experiences. Examples from Middle East, Africa and South Asia, and from the participants' own areas of interest will be used throughout. Topics that will be covered include:

- Water security fundamentals
- Water resources security and water scarcity
- Climate security and water security
- Food security, agriculture and water security
- International law and water security
- Energy security and water security
- Global trade, global political economy and water
- Development and water
- Power and water security

Timetable (to be confirmed)

MONDAY 28 MAY

The Water Security Web

Global Trade and Water – APPLIED SESSION

TUESDAY 29 MAY

Water Resources Security and Water Scarcity

Allocating Water – APPLIED SESSION

WEDNESDAY 30 MAY

Climate Security and Water Security

Implementing Water Security Policy in Changing Global Environments – APPLIED SESSION

THURSDAY 31 MAY

Water Security and Food Security

Water Security and International Law

Water Security and State Security – APPLIED SESSION

FRIDAY 1 JUNE

Water Security and Energy Security

Water Security Case Study – APPLIED SESSION

International Development UEA is a charitable company that has pioneered research, training and consultancy in International Development since 1967.

International Development UEA manages both the UK-based and international project activities of the University of East Anglia's School of International Development, as well as work undertaken in partnership with other Schools. The company works with a wide range of clients, including national and international development agencies, governments, NGOs, international research centres and private clients. Since 2001, we have worked with an estimated 600 different partner organisations and in any year we have 100 or more live projects underway.

"It's been a great course. I've learned a lot and learnt to think in different ways. All the presenters were of a very high quality and the content was very varied."

Participant on 2010 Water Security short course

How to apply for the course

devco.train@uea.ac.uk or visit the website at www.uea.ac.uk/dev/co/prodev



**Skills Development and Training Office
International Development UEA
School of International Development
University of East Anglia
Norwich, NR4 7TJ, UK**

Tel: +44 1603 592340

Fax: +44 1603 591170

www.uea.ac.uk/dev/co/prodev

Co-directors

Dr Mark Zeitoun has extensive practical and research experience as an engineer and social scientist in water supply, water negotiations and the links between water conflict and human, state and regional security.

Dr Naho Mirumachi specialises in the politics of water resources and has a particular interest in water allocation and river basin management issues in developing country contexts. She is a visiting research fellow at the UEA Water Security Research Centre.

Confirmed tutors include

Prof Tony Allan
(KCL/London Water Research Group)

Prof Declan Conway (UEA)

Dr Marisa Goulden (UEA)

Prof Kevin Hiscock (UEA)

Prof Bruce Lankford (UEA)

Dr Naho Mirumachi
(UEA/London Water Research Group)

Dr Mark Zeitoun (UEA)

For all further information contact

devco.train@uea.ac.uk or visit www.uea.ac.uk/dev/co/prodev



School of International Development
Faculty of Social Sciences
University of East Anglia



MSc Water Security and International Development



Inextricably linked to people's welfare and livelihoods, water is a resource of fundamental importance to environmental and development concerns.

This innovative MSc programme interprets 'water security' in its broad political ecology and political economy sense, and critically reflects on the practical and theoretical dimensions of 'water security' drawing on the latest research and practice.

The programme will provide a uniquely interdisciplinary perspective on water security. We see the hydrological cycle as intimately connected to critical global policy concerns: climate change, food and energy security - and the international cooperation that affects individual, community, national and regional security. Students will graduate with the knowledge and tools to understand the wider context, whilst being able to audit the water security of a system of interest; be it nation, region, company, sector, project or household.

Who is the Course for?

The degree will prepare graduates to engage with, and contribute to, societal responses to critical water policy issues encapsulated by Professor John Beddington's (UK Government Chief Scientific Adviser) 2009 analysis identifying the 'Perfect Storm' arising from the 'surge in demand for food, water and energy over the next two decades... all intimately connected'.

The School of International Development is world renowned for its interdisciplinary and rigorous approach to subject-area teaching within a wider framework of development and environmental studies. Students will benefit from the School's specialist knowledge in both the social and biophysical aspects of water resources, and from its excellent applied research, networking and fieldwork opportunities.

The course will be relevant to those who have recently completed undergraduate study as well as those who have already worked in the field of development. It does not require specialised prior study, although students will benefit from an

environmental Bachelor's degree such as geology, geography or environmental sciences. People with other backgrounds oriented towards the environment, for instance in the social and political sciences, (eg sociology or law), or with practical experience in development work, are also strongly encouraged to apply.

The course aims to prepare students for employment in a wide range of areas with different employers including non-governmental organisations, government aid agencies, and scientific and multilateral institutions.

Programme Structure

Semester 1

Compulsory Module

- Water Security for Development - Theory and Concepts

Recommended Optional Modules

- Development Perspectives
- Understanding Global Environmental Change
- Climate Change Policy for Development
- Catchment Water Resources (School of Environmental Sciences)
- Sustainable Agriculture (School of Biological Sciences)

Semester 2

Compulsory Modules

- Water Security - Tools and Policy
- Dissertation

Recommended Optional Modules

- Conflict, Peace and Security
- Environmental Economics for Development
- Political Ecology of Environment and Development
- Rural Policies and Politics
- Research Skills for Social Analysis
- Tools and Skills in Environment and Development

Other Optional Modules may be chosen from the diverse range offered by the School of International Development.

Offered by the University of East Anglia's Water Security Research Centre, this MSc provides students with the latest interdisciplinary theory and tools to address the challenges ahead:
www.uea.ac.uk/watersecurity

Contact us

Tel +44 (0) 1603 591393
Email dev.pgt.admiss@uea.ac.uk
www.uea.ac.uk/dev

Length of Course: 1 year full-time, 2 years part-time.
Applications Accepted: All Year
Registration: September.



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