

Helpdesk Query Response: Climate Change Adaptation Training

12/06/09

Query: Please identify a range of training centres and/or training courses on climate change adaptation. Ideally, courses or centres will have a greater focus on social impact and links to public policy and planning. Courses should be short, a few days to a couple of weeks. In-house options from multilateral agencies might also be a possibility.

Enquirer: DFID Indonesia

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1. Introduction

A great deal of research is beginning to emerge around climate change adaptation in developing countries. As yet, however there appears to be limited capacity to provide adaptation training, especially with a focus on social impacts and planning. Much of the training which does exist takes a technical approach or relates to specific sectors (agriculture, water etc.). This query response has identified those training centres and courses deemed most relevant to the target audience. In addition, it provides links to some of the more important multilateral agency capacity building initiatives and to a selection of online training material which may be of use.

This report gives a brief overview of the work of the training centres identified and, where available, information on specific short courses, including course content, location, dates, fees, and contact details.

2. Training centres and courses on climate change adaptation

Europe

University of East Anglia: Overseas Development Group (ODG), UK

<http://www.uea.ac.uk/dev/odg>

The ODG manages both the UK-based and international project activities of the University of East Anglia's School of Development Studies. Among other things the ODG conducts a number of professional development courses. The University of East Anglia also hosts the Tyndall Centre for Climate Change Research <http://www.tyndall.ac.uk/index.shtml>

Short course: Climate Change and Development

<http://www.uea.ac.uk/dev/odg/prodev/ccd>

The purpose of this interactive short course is to equip non-specialists with a broad understanding of what climate change may mean for low-income populations and what the scope and prospects are for adapting to change in the context of development issues and poverty reduction. Participants will have the opportunity to develop their analytical skills in this field through project work focusing on their own country context or professional sector.

The course incorporates expert sessions on climate science, climate change mitigation and international mechanisms/negotiations relating to climate change. Key emphasis is then placed on vulnerability and adaptation in the context of poverty reduction – exploring what climate change implies in terms of impacts/vulnerability in developing countries, implications for specific sectors, principles for assessment of risk, and how best to go about building resilience and adaptive capacity at all scales.

Location: Norwich, UK
Dates: 2 - 15 September 2009
Fees: £ 3200 (including accommodation)
Contact: odg.train@uea.ac.uk

Stockholm Environment Institute (SEI), Sweden

<http://www.sei.se/>

SEI is an independent international research institute with offices in Europe, the USA, Tanzania and Bangkok. SEI is engaged in environment and development issues at local, national, regional and global policy levels. Although primarily a research institute, SEI also provides training.

Short course: Using climate information for adaptation and policy development

<http://www.sei.se/news-a-events/news-archive/1559-new-training-course-provides-introduction-to-latest-in-climate-science.html>

Together with The Climate Systems Analysis Group (CSAG) at the University of Cape Town, SEI is offering a two-week 'winter school' in the use of climate information for developing adaptation strategies, plans and policies. The course will use case studies that illustrate vulnerability, impacts, risk assessments and adaptation measures in key sectors (including water, agriculture, the urban environment); and the interpretation of climate information will be covered in framing discussions on social networks, risk perception, adaptation choices, adaptation knowledge platforms and climate risk screening tools.

The winter school is designed to provide a balance between seminar style teaching and hands-on training, supported by leading climate scientists and adaptation experts. The weADAPT platform

is used for developing the curriculum.

Location: Cape Town, South Africa
Dates: 13 - 26 July 2009
Fees: No fees, but limited to 20 participants
Contact: winterschool@csag.uct.ac.za

Dresden University of Technology (TUD): Centre for International Postgraduate Studies of Environmental Management (CIPSEM), Germany

http://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_forst_geo_und_hydrowissenschaften/cipsem

CIPSEM is the organisation in charge of the UNEP/UNESCO/BMU International Postgraduate Training Programme on Environmental Management for Developing and Emerging Countries. The programme offers one 6-month course on integrated environmental management and three short courses of 2-4 weeks' duration on various environment-related subjects.

Short Course: Climate Change Adaptation

http://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_forst_geo_und_hydrowissenschaften/cipsem/prgramme/sc48/document_view?cl=en

This course provides participants with the knowledge and skills to be able to contribute to the development of integrated, sound strategies towards the adaptation to climate change in their respective countries. The curriculum comprises lectures and seminars on meteorology, integrated water resource management; urban water; regional planning and environmental governance; land-use management; and decision support systems. Site visits and excursions to regional and national authorities and research institutions illustrate administrative and economic management issues in climate change adaptation.

Location: Dresden, Germany,
Dates: 14 October - 13 November 2009
Fees: None (travel, accom, insurance, fees and allowance included in fellowship)
Contact: unep@mailbox.tu-dresden.de

Imperial College London, Centre for Professional Development, UK

<http://www3.imperial.ac.uk/cpd>

The Centre for Professional Development provides a range of services, including the development of short courses, conferences and seminars in collaboration with university departments, business and industry.

Short course: Climate Change Adaptation: Drivers, Barriers and Strategy

<http://www3.imperial.ac.uk/cpd/courses/subject/environmental/adaptation>

The course will make use of interactive teaching methods such as role plays, visual aids and small, facilitator-led discussion groups. Case studies will also be used throughout the course to draw on practical examples and enhance discussion of both good, and bad, practice. The aim of the course is to provide:

- A sound understanding of climate change risks and their relevance to participants' organisations

- How to identify and overcome potential barriers to adaptive action
- How to undertake strategic planning for practical adaptation.

Location: London, UK
Dates: Dates for next running to be announced (2-day course)
Fees: £495 + VAT (2009 course fee)
Contact: cpd@imperial.ac.uk

University of Oxford: Continuing Professional Development (CPD) Centre, UK

<http://cpd.conted.ox.ac.uk/default.asp>

The CPD Centre is part of Oxford University's Department for Continuing Education. The Centre works with academic colleagues across the University, as well as through its own academic teams, to develop and deliver professional development for students and organisations in industry, commerce and the professions, in the UK and overseas, all available on a part-time basis.

Short course: Managing the Risk of a Changing Climate

<http://cpd.conted.ox.ac.uk/env/courses/responses.asp>

This course explores via talks, workshops and discussions:

- Future climate uncertainty, risk and projections
- How to assess climate impacts (using Business Areas Climate Impacts Assessment Tool - BACLIAT)
- How to assess risks of climate change using a Risk Assessment tool
- Climate change adaptation strategies for organisations (including developing policy)
- Potential threats and opportunities of a changing climate

Location: Oxford, UK
Dates: TBA (1 day)
Fees: £225 (discounted fee for employees of government bodies)
Contact: climate@conted.ox.ac.uk

SIDA: Climate Change Mitigation and Adaptation

<https://itp.sida.se/itp/Programcatalog.nsf/0/EC9D489B88C9D9D8C12575540032E876?opendocument>

Sida offers training programmes financed by both global and regional allocations to contribute to capacity development and processes of change in partner countries and other developing countries. In March 2008, for example, Sida conducted a 25 day course on Climate Change Mitigation and Adaptation (http://www.sida.se/sida/jsp/sida.jsp?d=160&language=en_US), with a one week follow up seminar planned for later in 2009.

Contact: sida@sida.se

Asia

Asian Disaster Preparedness Centre (ADPC): Training Resource Group, Thailand

<http://www.adpc.net/v2007/TRG/Default.asp>

ADPC's Training Resource Group (TRG) aims to help in strengthening the capacity of countries, organisations, communities and individuals to reduce the impact of disasters. It seeks to enhance understanding of global needs and challenges in promoting and adopting disaster risk reduction practices as an integral part of the development process at all levels. Although the focus of much of the training is on disaster-risk reduction, ADPC is also developing more specific climate change related courses.

Short course: Climate Risk Management: Science, Institutions, and Society

<http://www.adpc.net/v2007/Downloads/2008/Aug/CRM2brochure.pdf>

Please note this is the 2008 brochure

The course aims to build the capacity of professionals to manage risks associated with climate variability, change, and extremes. It incorporates case studies and sectoral examples from ADPC's climate risk management programmes and projects all over Asia. Upon completing the course, participants will be able to: 1) design early warning systems for climate-related risks; 2) design community-based climate risk management, climate forecast applications, and climate change adaptation projects, and 3) develop tools to mainstream climate risk management practices into development programmes and policies.

The course curriculum includes:

- introduction to climate risk management
- understanding climate forecast products
- understanding climate risk management process
- sectoral examples of climate risk management
- climate change, variability, and extremes
- community-based participatory climate risk management
- institutionalisation and mainstreaming considerations.

Location: Bangkok, Thailand
Dates: 16 – 27 November 2009
Fees: US\$ 2500
Contact: Mr. Falak Nawaz, tedadpc@adpc.net

Short course: Mainstreaming Disaster Risk Reduction in Local Governance

<http://www.adpc.net/v2007/Downloads/2009/jan/EVRC-8%20brochure.pdf>

Please note this is the 2008 brochure

The primary objective of the course is to develop a cadre of local government professionals and development partners sensitive to issues posed by the recurrent hazards. The course intends to enhance knowledge and capacity of local urban authorities, associated NGOs and other stakeholders in streamlining disaster risk reduction (DDR) in urban development. It will create opportunities for mainstreaming risk reduction as a component of urban governance. The secondary objective of the training is to build the capacity of national training partner institutions to institutionalise the capacity building programme on this theme at national level. It will also help communities at risk and NGOs to support governance and participate in creating safer urban communities and sustainable development through DRR.

The training covers concepts, principles, policies, legal action frameworks and strategies on governance and mainstreaming DRR, presented through discussions and case studies on good practices. The course involves several broad issues of governance and DRR relevant to planning for sustainable change at the local level.

Location: Manila, Phillipines
Dates: TBA (1 week)
Fees: US\$ 1500
Contact: Mr. Falak Nawaz, tedadpc@adpc.net

Short course: Community Based Disaster Risk Reduction (CBDRR)

<http://www.adpc.net/v2007/TRG/TRAINING%20COURSES/Special%20Courses/2008/CBDRR17/CBDRR17.pdf>

Please note this is the 2008 brochure

The CBDRR course provides an opportunity for practitioners to learn essential skills and knowledge in community based disaster risk management to address implementation challenges in a systematic manner. Through exercises and simulations participants practice risk assessment and risk management planning. The participants will have a chance to learn about globally acknowledged programmes and projects on community based disaster risk management from leaders of these initiatives, with a particular focus on examples from South and South East Asian and Pacific regions. The CBDRR course tackles the issues in disaster risk management from a developmental perspective. It discusses the issues and problems concerning sustainability, replication/adaptation of CBDRR practice and integration of risk management plans with government and non-government development plans. The course is structured around the following modules:

- context of CBDRR
- CBDRR framework
- participatory community disaster risk assessment
- participatory stakeholder and resource analysis
- participatory disaster risk reduction planning
- community disaster risk reduction implementation
- CBDRR programme implementation challenges and solutions.

Location: Bangkok, Thailand
Dates: 31 August – 11 September 2009
Fees: US\$ 2200
Contact: Mr. Falak Nawaz, tedadpc@adpc.net

The Network for Information, Response And Preparedness Activities on Disaster (NIRAPAD), Bangladesh

<http://www.nirapad.org/>

The Network for Information, Response and Preparedness Activities on Disaster (NIRAPAD) is a networking organisation which focuses on capacity building of member organisations and others interested in disaster preparedness in Bangladesh.

Disaster and Livelihood: Forward Thinking to Reduce Vulnerability

http://www.nirapad.org/current_training.asp

This course covers:

- What is livelihood vulnerability?

- Paradigm shifts: from relief and response to disaster risk management
- Poverty, climate change and vulnerability
- Disaster economics
- Integrating poverty reduction programmes with disaster management sector: some approaches
- Reducing livelihood risk – the human capital approach
- The role of local level institutions in reducing vulnerability to natural disasters and in sustainable livelihood development
- Community partnership and behavioural response of warning – community based early warning systems.

Location: Dhaka, Bangladesh
 Dates: 12 July – 16 July
 Fees: Tk 7000
 Contact: nirapad@nirapad.org

Klima: Climate Change Centre, Philippines

<http://www.klima.ph/capacity-building.html>

Klima provides training courses on climate change science and impacts, mitigation, vulnerability and adaptation, and climate policy, including:

- Basic Climate Change Learning Package
- Community-Based Vulnerability and Adaptation Assessment

Contact: Klima@observatory.ph

LEAD Indonesia

<http://www.lead.org/page/31>

Since 2004, LEAD Indonesia and the Foundation for Sustainable Development or Yayasan Pembangunan Berkelanjutan (YPB) (http://www.ypb.or.id/index.php?option=com_content&task=view&id=27&Itemid=33) have been working together on a new training programme which includes training LEAD fellows. The Leading by Sharing programme promotes sustainable development principles and practices to various sectors, including:

- LEAD fellows training: annual training for cross-sectoral participants on different themes
- Promoting Leadership for Integrated Development: training for decision makers at the executive and legislative offices.

Contact: lead@lead.or.id

3. Multilateral agency capacity building programmes

UNISDR: Capacity for Disaster Reduction Initiative (CADRI)

<http://www.unisdr.org/cadri/what-we-offer.html>

CADRI offers capacity enhancement services in selected regions and countries, in response to requests:

- organisational capacity assessment
- capacity development planning
- disaster risk reduction training strategy development
- support for organising multi-stakeholder dialogue meetings for consensus building for disaster risk reduction.

Contact: Joanne Burke, CADRI Coordinator, burkej@un.org

UNITAR: Climate change

<http://www.unitar.org/climate-change-at-unitar>

Several UNITAR programmes and offices are engaged in supporting governments, organisations, and stakeholders in developing capacity to respond to the global climate change challenge.

Contact: achim.halpaap@unitar.org

UNDP: Programming Climate Change Adaptation Projects

<http://www.undp.org/climatechange/adapt/program.html>

UNDP has developed a set of resources to assist developing countries in planning adaptation through development. UNDP also co-manages with UNEP the National Capacity Self-Assessment Programme (NCSA) (<http://ncsa.undp.org/>) and the National Communications Support Programme (NCSP) (<http://ncsp.undp.org/>).

Contact: adaptation@undp.org

4. E-learning/online training material

EMI-Megacities: World Bank Institute Distance Learning Program on Natural Disaster Risk Management (Courses Ongoing)

<http://www.emi-megacities.org/?page=training&sec=13&content=245>

UNESCO-IHE: Water and Climate Change Short Course

<http://www.unesco-ihe.org/Education/Short-courses/Online-courses/Water-and-Climate-Change>

C3D: Training material: Climate Change Vulnerability and Adaptation

<http://www.c3d-unitar.org/c3d/?q=en/home>

GEF/UNDP/UNEP: National Capacity Self-Assessment Global Support Programme: Technical Guidance

http://ncsa.undp.org/report_detail.cfm?Projectid=207

UNFCCC: Compendium on methods and tools to evaluate impacts of, and vulnerability and adaptation to, climate change

http://unfccc.int/adaptation/nairobi_workprogramme/compendium_on_methods_tools/items/2674.php

UNFCCC; Vulnerability and Adaptation training package

http://unfccc.int/resource/cd_roms/na1/v_and_a/index.htm

5. Forthcoming

New international training centre for adaptation to climate change in LDCs

<http://www.agrecol.de/climadapt/?q=node/23>

The International Institute for Environment and Development (www.ied.org) is teaming up with the Bangladesh Centre for Advanced Studies (www.bcas.net) and the Independent University, Bangladesh (www.iub.edu.bd) to create a new International Centre for Climate Change Adaptation and Development (ICCCAD), in Dhaka, Bangladesh.

As well as offering scholarships to Masters and PhD students, the ICAAAD will run short courses on different themes including disaster risk reduction and adaptation, adaptation and mitigation linkages, economics of adaptation, community based adaptation, and the clean development mechanisms..

6. Additional information

Author

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Contributors

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Websites visited

ACCCA, ALM, AdaptNet, ADB, AfDB, AFD, AIACC, Asia Pacific Network for Global Change Research, C3D, CICERO, CIDA, Climate-L.org, Climadapt, CLACC, Community-based Adaptation Network, Danida, DFID, Dresden UT, Earth Island Institute, Easy-Eco, Eldis, Klima, GEF, ICIMOD, IDRC, IIED, IIRR, IISD, Imperial College London, INTRAC, IUCN, LEAD, NAPA-PANA, NIRAPAD, Norad, ODG, OECD, Oneworld.net, Preventionweb, ProVention, Reliefweb, SDC, SEI, Sida, START, UKCIP, UNDP, UNEP, UNFCCC, UNISDR, UNITAR, USAID, University of Oxford, University of Washington, University of the Sunshine Coast, Vulnerability Network and Observatory, Wageningen UR, We Adapt, WikiAdapt, World Bank

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