

July – December 2015



# UNITED NATIONS ENVIRONMENTAL PROGRAMME

## ENVIRONMENTAL TRAINING OPPORTUNITIES

BIENNIAL COMPENDIUM  
July – December 2015



**ENVIRONMENTAL EDUCATION AND TRAINING UNIT (EETU)**  
**DIVISION OF ENVIRONMENTAL POLICY IMPLEMENTATION (DEPI)**  
**UNITED NATIONS ENVIRONMENT PROGRAMME**

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## Introduction

In 1977, the world's first Intergovernmental Conference on Environmental Education, organized by UNEP and UNESCO, recognized the role of environmental education (EE) in the preservation and improvement of the world's environment and balanced development of the world's communities. The meeting resulted in the adoption of the Tbilisi Declaration, which included the framework, principles, and guidelines for environmental education at all levels (local, national, regional, and international) and for all age groups both inside and outside the formal school system.

Since then, UNEP has continued to play a pivotal role in motivating and empowering people to participate in working towards a sustainable future and better environmental management measures through environmental education and training. It has implemented a number of training programmes and initiatives which focus on empowering women, involving youth in decision-making and assisting governments with economic development, social improvement, policy analysis and enforcement.

UNEP has continued to provide support the protection of the environment and the improvement of people's quality of life by developing and strengthening environmental education and training initiatives which are responsive, culturally appropriate and locally relevant, and aimed at transforming people's visions and aspirations into reality for present and future generations, In support of the United Nations Decade of Education for Sustainable Development (2005-2014).

To achieve this, UNEP works with all sectors of education and training in all countries and regions to provide direction and leadership in the advancement, co-ordination and improvement of environmental education and training policies, programmes and activities. Particular focus is on strategic partnerships with higher education, through UNEP's Global Universities Partnership on Environment and Sustainability (GUPES), which currently comprises over 560 Universities across the globe.

This bi-annual compendium highlights some of UNEP's many programmes that support the important work of environmental education and training. It contains details of several UNEP led courses, illustrating UNEP's commitment to supporting environmental action learning activities that link academia with their communities. The compendium also showcases selected non-UNEP led courses worldwide, as well as the increasing number of Massive Open Online Courses.

We welcome submission of ongoing/planned training courses, as per the attached Training Submission template.

For more details of UNEP environmental education and training, please contact the UNEP's Environmental Education and Training Unit.

**Environmental Education and Training Unit**  
**Division of Environmental Policy Implementation**  
**P.O. Box 30552-00100, Nairobi, Kenya.**  
**Tel: +254-20-7624101**  
**Fax: +254-20-7623917**  
**Email: [env.edu@unep.org](mailto:env.edu@unep.org)**  
**Website: [www.unep.org/training/](http://www.unep.org/training/)**

# 1. Climate Change

## 1.1 Climate Change

This course offers you an introduction to different disciplinary perspectives on Climate Change to help you think about how Climate Change affects you as an individual, as a member of your local community, as a citizen of your country and as a member of the global community.

**Coverage:** Global

**Organiser:** University of Melbourne

**Dates:** 31 August - 30 November

**Length:** 8 weeks

**MOOC Platform:** Coursera

**Website:** [www.coursera.org/course/climatechange](http://www.coursera.org/course/climatechange)



## 1.2 Our Changing Climate: Past, Present and Future

Find out more about the climate of the past and how climate change can present a number of risks and opportunities.

**Coverage:** Global

**Organiser:** University of Reading

**Dates:** 31 August - 30 November

**Length:** 5 weeks

**MOOC Platform:** FutureLearn

**Website:** [www.futurelearn.com/courses/our-changing-climate](http://www.futurelearn.com/courses/our-changing-climate)



## 1.3 Certified Expert in Climate & Renewable Energy Finance

The e-learning course will enable participants understand why markets alone are fundamentally not able to trigger investment in a way that environmental issues are appropriately taken into account and which policy instruments are available to correct these so-called “market failures”; and the project financing perspective of investor or financiers confronted with the specifics of re-financing including policy and regulation, in relation to climate change.

**Coverage:** Global audience

**Organisers:** Frankfurt School - UNEP Collaborating Centre for Climate & Sustainable Energy Finance

**Dates:** 1 September 2015 – February 2016

**Email:** [linked@fs.de](mailto:linked@fs.de)

**Website:** [www.frankfurt-school.de/linked/en/courses/renewable-energy.html](http://www.frankfurt-school.de/linked/en/courses/renewable-energy.html)



## 1.4 Economics of Climate-Resilient Development

In this course, you will learn the basics for developing economically viable climate-resilient plans. The course starts with a review of the scientific consensus on changes in climate patterns and projections to the future, and explains the rationale for countries to develop climate-resilient plans that will help them to move away from a business-as-usual development path.

**Coverage:** Global audience

**Target Audience:** The primary target audience are policymakers in developing countries who have been tasked with developing climate-resilient plans (at the national or regional level) or have been asked to provide estimates of how much it will cost their country to adapt to climate change.

**Organiser:** World Bank

**Dates:** 8 September – 4 October 2015  
23 February – 18 March 2016

**Application Ends On:** 1 September 2015 and 9 February 2016 respectively

**Website:** <http://e institute.worldbank.org/ei/course/economics-climate-resilient-development>



## 1.5 Asia Pacific Youth Forum and Training Workshop 2015

The event will bring together young professionals, including scientists, early career professionals, young politicians, and youth initiative leaders, and will develop their knowledge on mountain and climate change adaptation issues.

**Theme:** Adaptation in the Mountains: Issues and Gaps beyond Boundaries

**Coverage:** Global audience

**Organisers:** Frankfurt School - UNEP Collaborating Centre for Climate & Sustainable Energy Finance

**Dates:** 21 – 24 September, 2015

**Application deadline:** 24 August, 2014.

**Email:** [youthmedia@icimod.org](mailto:youthmedia@icimod.org)

**Website:** [www.icimod.org/apyf2014](http://www.icimod.org/apyf2014)

## 1.6 Causes of Climate Change

This free online course provides the basis for understanding the underlying physical processes governing climate variations in the past, present and future.

**Coverage:** Global

**Organiser:** University of Bergen

**Dates:** 21 September – 8 October

**Length:** 3 weeks

**MOOC Platform:** FutureLearn

**Website:** [www.futurelearn.com/courses/causes-of-climate-change](http://www.futurelearn.com/courses/causes-of-climate-change)



## 1.7 Climate Change & Health for Policy Makers

This course teaches you why health is a central theme and motivator in climate policy.

**Coverage:** Global

**Organiser:** Heidelberg University

**Dates:** October (tbc)

**Length:** 1 week

**MOOC Platform:** Iversity

**Website:** <https://iversity.org/en/courses/climate-change-health-for-policy-makers>



Full System Navigation  
Climate Change & Health for  
Policy-Makers

## 1.8 Climate Change Policy and Public Health

This course explores the impact of human activities on climate change and consequently public health, as well as the many real benefits to climate change mitigation.

**Coverage:** Global

**Organiser:** University of Wisconsin–Madison

**Dates:** 9 November – 7 December 2015

**Length:** 4 weeks

**MOOC Platform:** Coursera

**Website:** [www.coursera.org/course/ccandph](http://www.coursera.org/course/ccandph)



## 1.9 Statistics and Climate Change in Africa (Self-Study)

Climate change is an issue many people talk about but not many people really understand properly. This course gives participants the scientific and institutional background information they need for hands-on work in this area.

**Target Group:** Managers, executives, teacher educators, statisticians, consultants, and trainers working in the field of climate statistics with a particular emphasis on statistics on African countries.

**Website:** <https://shop.gc21-eacademy.org/Climate-and-Environmental-Protection/Statistics-and-Climate-Change-in-Africa-Self-Study-oxid-1.html>

**Provider:** GIX / Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH

**PS:** the course is self-paced.



## 2. Disasters and Conflicts

### 2.1 Innovations in Disaster Risk Management

This CEU Summer University workshop aims at bridging the gap between environmental / public policy professionals and cutting-edge technologies and their practical applications by bringing ICT developers and experts (e.g. UNOOSA and Esri) into the classroom and arranging their direct communication with decision-making groups.

The primary focus of this workshop is ICT application in water management and water security. It will cover a number of technologies including remote sensing, geospatial technologies and decision-support systems, among others.

**Organiser:** Central European University

**Dates:** 6 – 10 July 2015.

**Location:** Budapest, Hungary

**Application deadline:** 14 February 2015

**Email:** [isepei.ceu@gmail.com](mailto:isepei.ceu@gmail.com)

**Website:** [http://summer.ceu.hu/bridging\\_making-2015](http://summer.ceu.hu/bridging_making-2015)



### 2.2 Introduction to Disaster Risk Management

The objective of this course is to familiarize development practitioners with contemporary concepts and practices in disaster management and contribute to a paradigm shift from reactive to proactive approaches in this cross-cutting field of development. It also aims to establish a common language and understanding among development practitioners in order to improve collaboration among various disciplines and integrate risk reduction considerations in development plans and decisions.

**Coverage:** Global

**Target Audience:** City officials and others interested in Disaster Risk Management

**Organiser:** World Bank

**Dates:** 22 September – 30 October 2015

27 January – 18 February 2016

**Application Ends:** 15 September 2015 and 13 January 2016 respectively

**Website:** <http://einstitute.worldbank.org/ei/course/introduction-disaster-risk-management>

**PS:** the course is self-paced.



### 2.3 Safe and Resilient Cities

This e-learning course focuses on disaster risk management (DRM) at the city level. Participants will learn, in particular, about planning and decision making under uncertainty and how to make their cities more resilient to climate change impacts and natural disasters.

**Coverage:** Global

**Target Audience:** City officials in developing countries

**Organiser:** World Bank

**Dates:** 4 November – 2 December 2015

13 March – 10 May 2016

**Application Ends:** 21 October 2015 and 30 March 2016 respectively

**Website:** <http://einstitute.worldbank.org/ei/course/safe-and-resilient-cities-0>

**PS:** the course is self-paced.





## 2.4 Disaster Waste Management: best practices and tools

The three-hour *Disaster Waste Management* eLearning module seeks to increase awareness and enhance knowledge on disaster waste and management strategies to mitigate their environmental impact.

**Coverage:** Global

**Target Audience:** Humanitarian response staff, and local, national and regional government authorities

**Available language(s):** English.

**Provider:** UNEP/OCHA Environment Unit - Environmental Emergencies Centre

**Website:** <http://ecentre.org/Online-Learning.aspx/lan/en-US>



## 2.5 Environment in Humanitarian Action

The 1.5 hour *Environment in Humanitarian Action* eLearning module provides humanitarian actors with information on how to effectively integrate environmental issues into humanitarian response and early recovery strategies. The training highlights the key opportunities, misconceptions and challenges for mainstreaming environmental issues into humanitarian action.

**Coverage:** Global

**Available language(s):** English and French.

**Provider:** UNEP/OCHA Environment Unit - Environmental Emergencies Centre

**Website:** <http://ecentre.org/Online-Learning.aspx/lan/en-US>



## 2.6 Introduction to the Flash Environmental Assessment Tool

The three-hour *Flash Environmental Assessment Tool (FEAT)* eLearning module aims to equip environmental experts and international first responders to environmental emergencies with the necessary knowledge and tools to identify and analyse hazard risks caused by natural disasters.

**Coverage:** Global

**Available language(s):** English.

**Provider:** UNEP/OCHA Environment Unit - Environmental Emergencies Centre

**Website:** <http://ecentre.org/Online-Learning.aspx/lan/en-US>



## 2.7 Beyond Response: Better Preparedness for Environmental Emergencies

The three-hour *Beyond Response: Better Preparedness for Environmental Emergencies* eLearning module provides an overview the environmental emergency response process; introduces tools for assessing environmental risks, contingency planning, and preparing for emergencies at the local level.

**Coverage:** Global

**Available language(s):** English, French and Arabic.

**Provider:** UNEP/OCHA Environment Unit - Environmental Emergencies Centre

**Website:** <http://ecentre.org/Online-Learning.aspx/lan/en-US>



## 3. Ecosystem Management

### 3.1 Integrated Sustainable Coastal Development (ISCD) - B, 2015

The long term objective of this programme is to contribute to an integrated sustainable development of coastal zones in which the needs and rights of poor people are taken into account, planning and management of coastal zones.

**Dates:** Course 1: 24 August – 11 September, 2015, in Sweden;

Course 2: 30 November - 11 December, 2015, in Tanzania.

**Organisers:** NIRAS together with the School of Global Studies at the University of Gothenburg and Western Indian Ocean Marine Science Association (WIOMSA).

**Application deadline:** 9 February, 2015

**Email:** [itp@niras.se](mailto:itp@niras.se)

**Website:** [www.niras.com/business-areas/development-consulting/international-training-programmes/integrated-sustainable-coastal-development-b-2015.aspx](http://www.niras.com/business-areas/development-consulting/international-training-programmes/integrated-sustainable-coastal-development-b-2015.aspx)



### 3.2 Exploring Our Oceans

Explore the half of our world covered by deep-ocean, and how our lives affect the hidden face of our planet.

**Coverage:** Global

**Organiser:** University of Southampton

**Dates:** 31 August – 23 October

**Length:** 6 weeks

**MOOC Platform:** FutureLearn

**Website:** [www.futurelearn.com/courses/exploring-our-oceans](http://www.futurelearn.com/courses/exploring-our-oceans)



### 3.3 Tropical Coastal Ecosystems

Take the challenge and understand problems and solutions to managing tropical coastal ecosystems.

**Coverage:** Global

**Organiser:** University of Queensland in Brisbane, Australia

**Dates:** 1 September

**Length:** 9 weeks

**MOOC Platform:** edX

**Website:** [www.edx.org/course/tropical-coastal-ecosystems-uqx-tropic101x-0](http://www.edx.org/course/tropical-coastal-ecosystems-uqx-tropic101x-0)



### 3.4 65<sup>th</sup> UNEP/UNESCO/BMUB International Short Course on Ecosystem Management

**Theme:** Biodiversity and Restoration Ecology

**Coverage:** Global

**Organisers:** UNEP, UNESCO, and Dresden University

**Course dates:** 2 - 25 September 2015

**Application deadline:** tbc

**Email:** [unep@mailbox.tu-dresden.de](mailto:unep@mailbox.tu-dresden.de)

**Website:** [http://tu-](http://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_forst_geo_und_hydrowissensc)

[dresden.de/die\\_tu\\_dresden/fakultaeten/fakultaet\\_forst\\_geo\\_und\\_hydrowissensc](http://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_forst_geo_und_hydrowissensc)  
[haften/cipsem/programme/next\\_courses](http://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_forst_geo_und_hydrowissensc)



### 3.5 Strategic Environmental Assessment 2015 A

The program intends to increase the integration of environmental and sustainability considerations into planning and decision-making processes in the participants' countries.

**Organisers:** NIRAS Natura AB in collaboration with the Centre for Environment and Sustainability (GMV) at the University of Gothenburg and Chalmers University of Technology.



**Course dates:** 14 - 25 September, 2015

**Application deadline:** 15 October, 2014

**Email:** [itp@niras.se](mailto:itp@niras.se)

**Website:** [www.niras.com/business-areas/development-consulting/international-training-programmes/strategic-environmental-assessment-2015-a.aspx](http://www.niras.com/business-areas/development-consulting/international-training-programmes/strategic-environmental-assessment-2015-a.aspx)

### 3.6 66<sup>th</sup> UNEP/UNESCO/BMUB International Short Course on Soil and Land Resources

**Coverage:** Global

**Organisers:** UNEP, UNESCO, and Dresden University

**Course dates:** 7 – 30 October 2015

**Application deadline:** tbc

**Email:** [unep@mailbox.tu-dresden.de](mailto:unep@mailbox.tu-dresden.de)

**Website:** [http://tu-](http://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_forst_geo_und_hydrowissenschaften/cipsem/programme/next_courses)

[dresden.de/die tu dresden/fakultaeten/fakultaet forst geo und hydrowissenschaften/cipsem/programme/next\\_courses](http://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_forst_geo_und_hydrowissenschaften/cipsem/programme/next_courses)



### 3.7 Massive Open Online Course (MOOC) on Marine Litter

Marine litter is a global problem that affects every ocean of the world. Litter is an environmental, human health and socio-economic problem that is a symptom of a highly disposable society. The MOOC on marine litter teaches students through action oriented learning how they can apply successful and inspiring activities to their own local context, regardless of their profession or location. The course presents different options and tools to combat marine pollution such as the use of effective and legitimate tools like the Honolulu Strategy.



**Coverage:** Global

**Organisers:** UNEP, Global Partnership on Marine Litter, Global Programme of Action for the Protection of the Marine Environment from Land-based Activities, and Open University

**Course dates:** 14 October – 22 December 2015

**Website:** [www.marinelittermooc.org/learn/massive-open-online-course-mooc-on-marine-litter-october-2015](http://www.marinelittermooc.org/learn/massive-open-online-course-mooc-on-marine-litter-october-2015)



## 4. Environmental Governance

### 4.1 Forest Governance Operationalising Equity and Justice in REDD+, PES and FLEGT

This course provides managerial level professionals with state-of-the-art knowledge, skills and tools needed to design, implement and monitor more equitable and just forest governance schemes. By combining theory and practice, the course offers an excellent setting to reflect on justice challenges in forest governance, to exchange experiences with world leading experts and to develop personal action plans.

**Dates:** 24 August – 4 September 2015

**Target audience:** This course targets managerial level professionals of government institutions, civil society organisations, donor agencies, international organisations and the private sector who are involved in negotiating agreements and/or designing, implementing and monitoring forest governance schemes such as REDD+, PES and FLEGT

**Website:** [www.uea.ac.uk/international-development/dev-co/professional-training/forest-governance](http://www.uea.ac.uk/international-development/dev-co/professional-training/forest-governance)



### 4.2 6th Central Asian Leadership Programme on Environment for Sustainable Development (CALPESD)

The Programme, aimed for young and promising representatives of the government, private sector and civil society of Central Asia and Afghanistan, seeks to ensure comprehensive assessment of issues of sustainable development within the context of global challenges and also needs and priorities of Central Asia.

**Organisers:** Regional Environmental Center for Central Asia (CAREC) in cooperation with UNEP, the Government of Norway and OSCE Centre in Astana.

**Dates:** 14 - 22 September, 2015.

**Location:** Almaty city, Kazakhstan

**Application deadline:** 30 April 2015

**Email:** [tshakirova@carececo.org](mailto:tshakirova@carececo.org)

### 4.3 2015 Asia-Pacific Leadership Programme on Environment for Sustainable Development

The theme of this year is 'Urbanization in the context of Sustainable development'. The seeks to strengthen the all-around thinking and decision-making abilities of current and emerging strategic leaders; build capacity for leaders on holistic sustainability thinking and evidence based approaches for effective action; and provide an effective platform for sharing and networking for future collaborative action on sustainable development challenges in the Asia Pacific region.

**Organisers:** UNEP, Tongji University, Institute of Environment for Sustainable Development, and Hanns Seidel Foundation

**Dates:** 21 – 25 September, 2015.

**Location:** Shanghai, China

**Application deadline:** 30 April 2015

**Email:** [iesdleadership@127.com](mailto:iesdleadership@127.com)

**Website:** <http://unep-iesd.tongji.edu.cn/index.php?classid=178&newsid=2164&t=show>

#### 4.4 12<sup>th</sup> University of Eastern Finland - UNEP Course on Multilateral Environmental Agreements

**Theme:** Climate Change

A broad range of subjects will be addressed relating to climate change and multilateral environmental agreements. In addition, general issues relating to international environmental law-making and diplomacy will be dealt with.

**Dates:** 2 – 12 November 2015.

**Location:** at Nordic Centre and Fudan University, Shanghai, China

**Target audience:** The Course is intended for experienced government officials engaged in international environmental negotiations; other stakeholders such as representatives of non-governmental organizations and the private sector; Researchers and academics in the field of international environmental law are also eligible.

**Brochure:** [www2.uef.fi/documents/1508025/2726547/uef-unep-agenda-draft\\_090715.pdf/64c9451e-6289-41bd-96e6-23bde6d62ea1](http://www2.uef.fi/documents/1508025/2726547/uef-unep-agenda-draft_090715.pdf/64c9451e-6289-41bd-96e6-23bde6d62ea1)

**Website:** <https://www2.uef.fi/en/unep>



#### 4.5 United Nations Information Portal on Multilateral Environmental Agreements

InforMEA harvests COP decisions, news, meetings, membership, national focal points and reports from MEAs. Information is organised by terms from MEA COP agendas. InforMEA is a project of the MEA Information and Knowledge Management (IKM) Initiative with the support from the United Nations Environment Programme (UNEP).

**Courses:**

- ✓ Climate, Atmosphere and Land
- ✓ Biological Diversity
- ✓ Oceans and Freshwater
- ✓ Hazardous Chemicals and Waste

**Website:** <http://e-learning.informe.org/>

## 5. Harmful Substances

### 5.1 Course on Hazardous Waste Management

The course gives participants the opportunity to gain knowledge about current practices and state-of-the-art developments as well as the organizational and legislative framework to prevent and handle hazardous waste. The course gives practitioners from various world regions the opportunity to share, discuss and develop case studies from their own professional experience. The course takes place around the ISWA Annual World Congress making attendance of the Congress an integral part of it.

**Date:** 31 August 31 – 11 September 2015

**Organisers:** Consortium consisting of UNESCO-IHE, UNIDO, UNEP, ISWA and the University of Technology of Berlin.

**Location:** Delft (The Netherlands) and Antwerp (Belgium)

**Target audience:** Participants from low- and middle-income countries having at least a BSc-degree in science, technology or engineering, a background in solid waste management and ideally some practical experience in hazardous waste management.

**Email:** Maarten Siebel [m.siebel@unesco-ihe.org](mailto:m.siebel@unesco-ihe.org); Elisabeth Herbeck [e.herbeck@unido.org](mailto:e.herbeck@unido.org)

**Website:** [www.unesco-ihe.org/hazardous-waste-management](http://www.unesco-ihe.org/hazardous-waste-management)



### 5.2 Introduction to Industrial Accidents: prevention, preparedness and response

The three-hour module Introduction to Industrial Accidents: prevention, preparedness and response aims to raise awareness about industrial accidents in order to strengthen the capacity of government, industry and civil society.

**Coverage:** Global

**Available language(s):** English, French and Russian.

**Provider:** UNEP/OCHA Environment Unit - Environmental Emergencies Centre

**Website:** <http://eecentre.org/Online-Learning.aspx/lan/en-US>



## 6. Resource Efficiency

### 6.1 Global Food Security: Addressing the Challenge

In this course, we introduce the issue of food security and explore some of the different ways in which it has been described both in research and in practice and consider key concerns for the future.

**Provider:** Lancaster University

**Dates:** 31 August - 30 November

**Length:** 8 weeks

**Platform:** FutureLearn

**Website:** [www.futurelearn.com/courses/food-security](http://www.futurelearn.com/courses/food-security)



### 6.2 Renewable Energy Management and Finance

**Dates:** 16 – 17 September, 2015

**Location:** Edinburgh Napier University, UK and online

**Summary:** Understanding policies and finances - fast track to a renewable energy consultancy job.

**Target audience:** Individuals considering a consultancy job and/or those who have to evaluate the benefits of adopting renewable energy technology; Managers and directors intending to invest in the renewable energy sector

**Website:** [www.euenergycentre.org/training/71-financing-renewable-energy](http://www.euenergycentre.org/training/71-financing-renewable-energy)

### 6.3 Solar Photovoltaic Qualification

**Summary and target audience:** For technicians, design engineers, architects and individuals intending to learn how to install, maintain and repair Solar Photovoltaic equipment.

**Organisers:** European Energy Centre Ltd

**Dates:** 24 – 25 September, 2015

**Location:** University of California, Berkeley, USA and online

**Website:** [www.euenergycentre.org/training/66-solar-photovoltaic-training](http://www.euenergycentre.org/training/66-solar-photovoltaic-training)

### 6.4 The Biology of Water and Health - Sustainable Interventions

This water sustainability course focuses on the engineering and public health components needed to achieve the conservation of safe water locally and globally. It explores how to create sustainable interventions geared towards improving population health.

**Coverage:** Global

**Organiser:** Tufts University

**Dates:** 29 September - 30 October

**Length:** 5 weeks

**MOOC Platform:** edX

**Website:** [www.coursera.org/course/climatechange](http://www.coursera.org/course/climatechange)



## 6.5 Solving the Energy Puzzle: A Multidisciplinary Approach to Energy Transition

Learn how to analyse energy transition cases from technological, legal, economics, spatial, and social perspectives.

**Coverage:** Global

**Organiser:** University of Groningen

**Dates:** 12 October – 27 November

**Length:** 7 weeks

**MOOC Platform:** FutureLearn

**Website:** [www.futurelearn.com/courses/energy-transition](http://www.futurelearn.com/courses/energy-transition)



## 6.6 Tackling the Global Food Crisis: Supply Chain Integrity

This course aims to provide advanced knowledge of food safety and food security across different levels of the food supply chain, with a focus on the pathway to enhance global food security for a sustainable future.

**Coverage:** Global

**Organiser:** Queen's University Belfast

**Dates:** 2 November – 4 December

**Length:** 5 weeks

**MOOC Platform:** FutureLearn

**Website:** [www.futurelearn.com/courses/global-food-crisis](http://www.futurelearn.com/courses/global-food-crisis)



## 6.7 Our Hungry Planet: Agriculture, People and Food Security

Food security is a complex, global issue, in which we all play a part. In this free online course, you'll join experts from the School of Agriculture, Policy and Development at the University of Reading, to investigate our relationship with agriculture and your own food habits.

**Coverage:** Global

**Organiser:** University of Reading

**Dates:** 9 November – 18 December

**Length:** 6 weeks

**MOOC Platform:** FutureLearn

**Website:** [www.futurelearn.com/courses/our-hungry-planet](http://www.futurelearn.com/courses/our-hungry-planet)



## 6.8 67<sup>th</sup> UNEP/UNESCO/BMUB International Short Course on Resource Efficiency

**Theme:** Cleaner Production and Waste Management

**Coverage:** Global

**Organisers:** UNEP, UNESCO, and Dresden University

**Dates:** 11 November – 9 December 2015

**Email:** [unep@mailbox.tu-dresden.de](mailto:unep@mailbox.tu-dresden.de)

**Website:** [http://tu-dresden.de/die\\_tu\\_dresden/fakultaeten/fakultaet\\_forst\\_geo\\_und\\_hydrowissenschaften/cipsem/prgramme/next\\_courses](http://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_forst_geo_und_hydrowissenschaften/cipsem/prgramme/next_courses)





## 7. Environment under Review

### 7.1 Making Information Talk and Technologies Work for Water Security

The Innovations in Disaster Risk Management workshop aims to highlight the advances in ICTs and how they are increasingly empowering both decision-makers and citizens to play a more proactive role in managing disaster risks and more effectively responding when disasters hit. The workshop builds upon existing UNDP experience in disaster management and risk reduction.

The workshop will cover a number of themes, including ICTs for disaster risk reduction (DRR), innovation in climate risk management and disaster preparedness and response, integration of innovative solutions in into sectoral and municipal development, and more.

**Organiser:** Central European University

**Dates:** 13 – 17 July 2015.

**Location:** Budapest, Hungary

**Application deadline:** 14 February 2015

**Email:** [isepei.ceu@gmail.com](mailto:isepei.ceu@gmail.com)

**Website:** [http://summer.ceu.hu/bridging\\_making-2015](http://summer.ceu.hu/bridging_making-2015)



### 7.2 Going Places with Spatial Analysis

This MOOC is for people who know something about data analysis and want to learn about the special capabilities of spatial data analysis. Spatial analysis focuses on location to gain a deeper understanding of data.

**Coverage:** Global audience

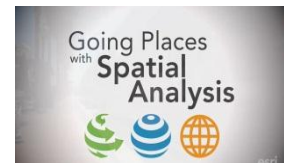
**Organisers:** ESRI

**Dates:** 3 September – 14 October, 2015

**Registration deadline:** 15 September 2015

**Course length:** 6 weeks

**Website:** [www.esri.com/landing-pages/training/spatial-analysis](http://www.esri.com/landing-pages/training/spatial-analysis)



### 7.3 Exploring Possible Futures: Modeling in Environmental and Energy Economics

What will efficient cities look like in future? How do humans contribute to climate change? Is a completely renewable energy supply possible? To explore our possible futures, we need models. In this free online course, you'll learn how to develop and use models in environmental economics and energy economics, covering both conceptual

aspects and numerical modeling.

**Coverage:** Global

**Organiser:** University of Basel

**Dates:** 19 October – 15 December

**Length:** 9 weeks

**MOOC Platform:** FutureLearn

**Website:** [www.futurelearn.com/courses/exploring-possible-futures](http://www.futurelearn.com/courses/exploring-possible-futures)



## 7.4 Sustainability, society and you

This course provides you with the knowledge and skills to do this by investigating sustainability from multiple angles and exploring what small steps you can take to have a real impact upon all our futures.

**Coverage:** Global

**Organiser:** The University of Nottingham

**Dates:** 6 November – 17 December

**Length:** 6 weeks

**MOOC Platform:** FutureLearn

**Website:** [www.futurelearn.com/courses/sustainability-society-and-you](http://www.futurelearn.com/courses/sustainability-society-and-you)





## 8.4 9 Gender Equality and Energy

This course explores linkages between gender and energy through video presentations, readings, quizzes, interactive problem-solving exercises, and online discussions. Participants will have increased capacity and knowledge on research, data and country level experience.

**Organiser:** World Bank

**Dates:** 23 November – 18 December 2015

**Target Audience:** Multiple stakeholders, especially social development and energy specialists, including policy makers, practitioners, and civil society organizations' staff that have a special interest in a more in-depth look at issues related to gender and energy.

**Website:** <http://einstitute.worldbank.org/ei/course/gender-energy>



## 8.5 Building Sustainable Communities: Leadership, Gender, and the Environment

The overriding objective of this Workshop is to strengthen sustainable community development through policy making and capacity building of women and men to promote sustainable forms of living in all aspects of the community, including gender sensitive and participatory processes of decision making, ecological, and environment friendly practices.

**Organisers:** Israel's Agency for International Development Cooperation in corporation with UNEP

**Dates:** 30 November – 17 December 2015.

**Location:** Haifa, Israel

**Application deadline:** 15 August 2015

**Brochure:** <http://mfa.gov.il/MFA/mashav/Courses/Documents/40-05%20Building%20Sustainable%20Communities-Leadership.%20Gender%20and%20the%20Environment.pdf>



## 8.6 Gender Equality and Development – Overview Module

This self-paced module consists of five topics, covered through multi-media presentations and text-based resources, with practical problem solving exercises, case studies, and discussions.

**Target Audience:** Stakeholders in client countries, including development policy-makers, practitioners, and civil society organizations, as well as World Bank staff (whether gender specialists or not).

**Organiser:** World Bank

**Website:** <http://einstitute.worldbank.org/ei/course/gender-equality-and-development-%E2%80%93-overview-module>



## 8.7 Gender Mainstreaming (Self-Study)

This course will give define gender mainstreaming and look at various approaches and policies. Participants will apply gender mainstreaming in a case study. This will empower participants towards a practical application of gender mainstreaming projects.

**Target Audience:** Managers, executives, and other staff working on gender issues

**Organiser:** Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH / GIZ

**Website:** <https://shop.gc21-eacademy.org/Education-and-Gender/Gender-Mainstreaming-Self-Study-oxid-1.html>



## Training Submission Form

The Environmental Education and Training Unit (EETU) is coordinating an environmental training compendium which includes training courses across the 7 UNEP thematic areas.

This will be issued on a biennial basis with inputs from UNEP Divisions, Regional Offices, MEA secretariats and other partners.

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**Please submit to:**

Brian Waswala  
 Environmental Education and Training Specialist  
 Environmental Education and Training Unit  
 United Nations Environment Programme  
 P.O. Box 47074 (00100)  
 Nairobi, Kenya  
 Ext: 24321  
 E-Mail: [Brian.Waswala@unep.org](mailto:Brian.Waswala@unep.org)  
 Website: [www.unep.org/training](http://www.unep.org/training)

## Environment Education and Training @ UNEP

The United Nations Environment Programme (UNEP) is the United Nations system's designated entity for addressing environmental issues at the global and regional level. Its mandate is to be the leading global environmental authority that sets the global environmental agenda, that promotes the coherent implementation of the environmental dimensions of sustainable development within the United Nations system and that serves as an authoritative advocate for the global environment.

The Environmental Education and Training Unit (EETU) at UNEP works in close collaboration with all UNEP's Divisions. The programmes, projects, initiatives and activities of EETU are organized around three pillars namely Education, Training and Networking with specific focus on Higher Education.

The Training Pillar focuses on developing applied competence by enhancing knowledge and awareness on UNEP's priority thematic areas as well as equipping the target audience (mainly mid-level managers and policy makers) with relevant skills, values and attitudes on key environmental and sustainability themes, issues and emerging concepts such as 'Green Economy'. This is implemented through scheduled training courses and leadership programmes in universities.

### Address:

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**Division of Environmental Policy Implementation**  
**P.O. Box 30552-00100, Nairobi, Kenya.**  
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**Fax: +254-20-7623917**  
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**Website: [www.unep.org/training/](http://www.unep.org/training/)**