

THE SCHOOL OF
INTERNATIONAL DEVELOPMENT
SHORT COURSES 2017



ECOSYSTEMS SERVICES IN SUSTAINABLE DEVELOPMENT

11–16 SEP 2017 | 20 places





SUSTAINABLE MANAGEMENT OF NATURAL CAPITAL UNDERPINS HUMAN DEVELOPMENT AND WELL-BEING. ECOSYSTEM SERVICES PROVIDE A CONCEPTUAL FRAMING TO HELP IDENTIFY AND MANAGE SYNERGIES AND TRADE-OFFS IN THE NATURAL CAPITAL, NATURAL RESOURCE MANAGEMENT, FOOD SECURITY AND BIODIVERSITY CONSERVATION DOMAINS.

TARGET AUDIENCE

This course is designed for practitioners working in government institutions, NGOs, international agencies and private sector with an interest in identifying, appraising and managing the synergies and trade offs among multiple users and uses of natural resources and natural capital.

THE COURSE FEE

£1,850 – includes all tuition, daily lunches and refreshments.

COURSE DIRECTOR

The course is directed by Dr Sarah Park, Dr Nicole Gross-Camp and Dr Simon Attwood.

COURSE REQUIREMENTS

The course is conducted in English. Full competence in English, written and spoken is an essential requirement.

Module 1

Introduction to ecosystem services (ESS)

Module 2

Critical appraisal of the ESS concept

Module 3

ESS for decision-making

Module 4

Evaluating and monetising ESS

Module 5

Payments for ESS at different scales

Module 6

Appraising ESS in different contexts

See more at: www.uea.ac.uk/international-development/dev-co/professional-training/ecosystemsservices

ECOSYSTEMS SERVICES IN SUSTAINABLE DEVELOPMENT

We begin by examining how natural resources and biodiversity are increasingly being referred to as natural capital. We look at the evolution of natural capital and ecosystem service (ESS) thinking, categories of ESS, case study examples, the advantages of an ESS approach, and critiques of using a utilitarian approach to nature. The course is particularly useful for those looking to refresh their knowledge or have new responsibility or interest in integrating a natural capital and ESS approach into disciplines as diverse as NRM, agriculture, biodiversity conservation and climate change adaptation. The course is particularly useful for those with a focus on informing decision-making and policy through evidence. It is also of interest to practitioners looking to understand interactions between natural capital, ESS and major global targets, such as the Sustainable Development Goals and Aichi Biodiversity Targets.

This course has been developed by Dr Sarah Park, Dr Nicole Gross-Camp and Dr Simon Attwood, who utilise an ecosystem service lens to help balance resource use and conservation needs. They have vast experience in applying the concept in a participatory manner in collaboration with a wide range of stakeholders in both developed and developing country contexts. Most recently their work has focused on using ESS to explore sustainable intensification of agriculture for food security and adaptation to climate change. Specialist contributions to the course are provided by senior lecturers and practitioners from the School of International Development and Environmental Sciences UEA, Stockholm Resilience Center, Bioversity International and CGIAR. The learning environment involves participatory learning and student centred approaches and tools, including presentations, field trips, group discussions, debates, mapping analysis and ESS-assessment software. The organisers offer a stimulating environment for participants to consider the utility of natural capital and ESS within the context of their own professional domains.

COURSE CONTENT

Course includes the following six modules:

Module 1 Introduction to ecosystem services (ESS)

Module 2 Critical appraisal of the ESS concept

Module 3 ESS for decision-making

Module 4 Evaluating and monetising ESS

Module 5 Payments for ESS at different scales

Module 6 Appraising ESS in different contexts.

- Practical application of ESS through 4 fieldtrips to local development and conservation sites, enabling the development of practical skills in identifying and evaluating ESS.
- Application to the management of different ecosystems – aquatic systems; agricultural landscapes; urban development; riverine conservation.
- Exploration of the evolution of natural capital and ESS, definitions and frameworks.
- Participants leave the course having developed a critical appraisal of the use of ESS in their own work/study context and an understanding of how the concept can be used in decision-making.
- Case studies in developing and developed countries: Rwanda, South Africa; Namibia; Costa Rica; Zambia; Tanzania; UK; Australia.
- Explore and debate utilitarian and intrinsic critiques of valuing nature using an ESS lens, drawing on perspectives from sustainable development, conservation, ecology, anthropology and philosophy.
- Hands-on practical sessions in evaluating and monetising ESS through GIS mapping, photovoice, and futures scenarios to identify and manage trade-offs and synergies, and winners and losers of natural resource management.
- Explore the application of ESS to consider issues relating to human well-being, environmental justice, equity, gender, nutrition, climate change impact and adaptation, meeting global targets on human development (i.e. SDGs), and biodiversity conservation (i.e. Aichi Biodiversity targets).
- Consider how ESS has been incorporated into incentivisation schemes.

WHY CHOOSE INTERNATIONAL DEVELOPMENT AT UEA?

International Development UEA has pioneered research, training and consultancy in international development for nearly 50 years. It works with a range of clients including national and international development agencies, governments and NGOs. International Development UEA is the ideal broad-based multi-disciplinary environment in which to undertake training. The faculty has a wide range of academic disciplines with an intensive engagement in development practice through academic funded research and consultancy in many development arenas and geographical regions.

The University of East Anglia is an internationally renowned university on a distinctive and attractive campus just outside the historic city of Norwich.

Our research led short courses seek to educate, inform and promote discussion and networking between participants and our researchers. They provide cutting edge training on the most pertinent and relevant topics in international development. Join us!

Training and Skills Development Office, International Development UEA,
University of East Anglia, Norwich Research Park, Norwich NR4 7TJ

EMAIL devco.train@uea.ac.uk | **TELEPHONE** +44 (0)1603 592340