



Programme in Environmental Management

Presented by the Centre for Environmental Studies, University of Pretoria

BLENDED LEARNING

5 SACNASP CPD Points

The **Programme in Environmental Management** is an 11-week, blended learning (i.e. online supported, as well as face-to-face) programme designed to provide you with an in-depth understanding of environmental management during socio-economic development. For sustainable economic and social development, environmental sustainability is brought about in two phases: (1) the environmentally sustainable design of new economic and social developments; and (2) the enforcement of the provisions of the National Environmental Management Act (NEMA) of 1998 on development projects that have been approved and implemented. Typically, this includes performing an Environmental Impact Assessment (EIA) for a proposed development and design of an Environmental Management Plan (EMP) to minimise environmental impact and/ or the audit of the EMP that has been authorised for implementation for a specific development (including the administrative and criminal instruments for rectifying deviations from the EMP).

The programme gives a detailed but well-rounded understanding of the wide range of pertinent environmental and associated issues relevant to a company involved in development projects subject to existing environmental legislation.

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Module 1	Module 2
Environmental Impact Assessment Administration <ul style="list-style-type: none"> • Introduction to sustainable development • The roles of the Constitution and of NEMA • Unravelling the EIA regulations • Administrative requirements for EIA submission • Screening • Scoping and plan-of-study for EIA • Identification and analysis of environmental impact • Considering alternatives • Impact mitigation • Public participation • Specialist studies and handling of specialists • Drafting an environmental management programmes • Environmental impact reporting • The appeals process and judicial review 	Environmental Compliance Monitoring and Enforcement <ul style="list-style-type: none"> • Internal and external audit: the ISO 14001 process • Overview of several acts (including waste, biodiversity, water, mining and coastal management) with a focus on environmental liabilities • Environmental inspection and compliance enforcement, • Administrative mechanisms of enforcement: directives and compliance notices • Relevant provisions of PAIA and PAJA • Criminal law: law of evidence and criminal enforcement action • Integrated environmental management plans: the use of ISO14001

Evaluation and assessment

Continuous evaluation of training is performed by individual and group assignments during the programme/courses. These assignments will entail interaction with the course presenters and post evaluation feedback. Evaluation at the end of the programme is performed through a written examination. Delegates need to bring their own laptops to the contact sessions.

Learning outcomes

After successfully completing the programme, you will be able to

- assess the adequacy and quality of all documents culminating in review of an EIA report
- take account of public comment and take advantage of public EIA reviews
- manage the process culminating in an EIA that is sufficient for a final decision to be made
- assess the activities of your company within the context of existing environmental legislation.
- perform an internal audit of the processes of your company with respect to legal compliance and manage liabilities with respect to environmental legislation
- advise industry management about implementation of the ISO14000 international standard, and
- interact with authorities during and after environmental inspections.

Who should enrol?

This course is ideal for you if you are a member of a regulated community (industry/developers, etc.) or government official. Individuals involved in internal legal compliance audits following the ISO 14000 family of standards will also benefit greatly, as well as those involved in the design or implementation of the environmental policies, environmental managers who have duties/ activities with respect to environmental inspection by authorities. The programme is also applicable to individuals and students who are involved in environmental legal compliance in industry, local government, provincial or central government.

Programme fees

R11 000.00 per delegate (VAT incl.) – Module 1 Only
R11 000.00 per delegate (VAT incl.) – Module 2 Only
R19 400.00 per delegate (VAT incl.) – Full Programme

Programme fees include a course content and materials, copies of the most recent environmental legislation, as well as EIA and NEMA regulations (on a USB stick), and refreshments during contact days.

Programme fees must be paid in full 14 days prior to course start dates. Proof of payment can be submitted to enrolments@enterprises.up.ac.za.

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Admission requirements

Prospective delegates should at least have a National Senior Certificate (Grade 12) and/or relevant work experience.

Accreditation and certification

Enterprises University of Pretoria (Pty) Ltd is wholly owned by the University of Pretoria. As a public higher education institution, the University of Pretoria functions in accordance to the Higher Education Act 101 of 1997. Enterprises University of Pretoria offers short courses on behalf of the University and these short courses are not credit-bearing, and do not lead to formal qualifications on the National Qualifications Framework (NQF) – unless stated otherwise. Delegates who successfully complete a short course and comply with the related assessment criteria (where applicable) are awarded certificates of successful completion and/or attendance by the University of Pretoria.

Registration and enquiries

Client Information Centre

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Email: info@enterprises.up.ac.za

Programme leader

Prof Willem Ferguson
Tel: +27 (0)12 420 2017
Email: willemferguson@zoology.up.ac.za

Lead presenters

The programme is presented by **Dr Jenny Hall**, **Adv Phil Snijman**, **Abdul Ebrahim** and coordinated by **Prof Willem Ferguson**. The team has been involved in training in environmental legislation and environmental compliance and enforcement for more than ten years. Combined, the team boasts several decades of experience in the field of environmental law and its application in the field.

Dr Jenny Hall has specialised in Environmental Law since 1994. She has been intimately involved in drafting legislation (e.g. National Environmental Management: Waste Act of 2008 and the National Environmental Management: Air Quality Act of 2004) and has a particular interest in developing tools to secure the effective implementation of legislation. She has been involved in environmental compliance and enforcement work for environmental departments since 2001 where she developed a compliance and enforcement strategy for the Gauteng Department of Agriculture, Conservation and Environment. More recently, she managed the development of a National Compliance Monitoring and Enforcement Strategy for EMIs for the National Department of Environmental Affairs. She has also trained officials, environmental management inspectors, environmental mineral resource inspectors and practitioners on a regular basis and drafted a magistrate's bench book on the adjudication of environmental crime for the National Department and Justice College.

She holds a BA LLB and PhD degrees from the University of Cape Town, an LLM degree from Unisa, and is an honorary research associate at the University of Cape Town.

Adv Phil Snijman has 25 years of law experience, initially as prosecutor and state advocate, and since 2002 as consultant in Environmental Law and Management to regional and international organisations, national, provincial and local government departments and other organs of state, tertiary institutions and has advised various corporate and private clients. He has been actively involved in the training of prosecutors, environmental management inspectors, fisheries inspectors and other legal and environmental practitioners, as well as the drafting of various enforcement manuals and standard operating procedures. He holds the degrees BA LLB and MPhil (Environmental Management) from the University of Stellenbosch, an LLM (Environmental Law) from the University of Cape Town, is admitted as advocate of the High Court of South Africa (non-practising), has contributed to various academic publications. He has been appointed as extraordinary lecturer to the Centre for Environmental Studies at the University of Pretoria since 2011. He is also a member of the IUCN World Commission on Environmental Law (WCEL).

Abdul Ebrahim is an environmental engineer with 17 years' experience. He holds a BEng (Hons) in both Mechanical and Environmental Engineering. He has significant experience in Environmental Management, Environmental Permitting and Legal Compliance across the manufacturing, chemicals, minerals processing, power generation and mining sectors. His work experience includes numerous greenfield developments, brownfield developments, waste recovery-recuse-recycling, hazardous waste management assessments and air quality impact management projects in the power generation, manufacturing, minerals processing, and mining industries. His interests range from atmospheric modelling and wind energy, to the beneficial use of coal combustion products and metallurgical slags as cement extenders. He is a certified Environmental Assessment Practitioner (EAP) and member of Engineering Council of South Africa (ECSA), International Association of Impact Assessment SA (IAIAsa) and the National Association of Clean Air (NACA). He has provided honour's level lecturing at the University of Pretoria, Unisa, Cape Peninsula University of Technology and various private training institutions in the fields of Environmental Compliance Enforcement, Environmental Impact Assessment, Cleaner Production and Air Quality Management since 2005.

Prof Willem Ferguson has been associated with the Centre for Environmental Studies of the University of Pretoria since 2002 when he was appointed as Director. He coordinated and took part in the training of around 800 Environmental Management Inspectors (EMIs) for the National Department of Environment since 2006, as well as 100 Environmental Management Resource Inspectors (EMRIs) for the Department of Mineral Resources. At a university level, he coordinates master's-level training in Environmental Management and, in collaboration with industry, trains lead auditors for implementing the ISO 14001 environmental standard.

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