

International Training Seminar and Summer School in Managing Waste as a Resource

About this programme:

The Sarchi Chair in Waste and Climate Change at UKZN has partnered with SANEDI and IWWG to offer an International Training Seminar and Summer School on the effective "Management of Waste as a Resource". This programme will provide advanced training for Practitioners, Scientists and postgraduate students on the most innovative practices in waste treatment, characterisation and valorisation.

The programme is a unique opportunity to engage with key national and international experts in waste management.

The Summer School has been designed as an introduction to the new coursework Master of Science in Engineering in Waste and Resources Management (WaRM) available from 2019.

The WaRM MScEng degree will be unique in South Africa and the African continent and it has been specifically formulated in response to the needs of the industry and governments, to address waste management issues and to close the knowledge gap that currently exists on the African continent by growing technical and research capacity through the dissemination of best Waste and Resources Management practice.

Key focus areas:

- Waste as a Problem (Impacts on Climate/Environment/Society)
- Waste as a Resource (Introduction/Research Methodologies)
- Waste Characterisation Techniques Part I
- Waste Characterisation Techniques Part II
- Integrated Waste management systems/Management of Industrial and Organic Waste
- The W.R.O.S.E Model – A Decision Making tool for municipalities
- Waste Management in Developing Countries – Part I (Case studies)
- Waste Management in Developing Countries – Part II (Control Management and Treatment of waste emissions)
- RDI in waste management – Innovative use of waste as a resource
- Full scale projects (lessons learnt)

Who should attend:

We invite practitioners, waste managers/regulators, professionals, companies in the waste sector for the specialised 3-day training seminar. Postgraduate students at tertiary education institutions are welcome to attend the full 5-day summer school.

Accreditation:

The "International Training Seminar and Summer School" are accredited by the University of KwaZulu-Natal and are equivalent to 3 CPD points. The programme is presented at a HEQF level of 9 (MscEng). A certificate of attendance will be awarded to all participants completing the programme.

Facilitators include:



Professor Cristina Trois (Convenor)
SARCHI Chair in Waste and Climate Change,
University of KwaZulu-Natal, South Africa



Professor Maria Cristina Lavagnolo
Environmental Sanitary Engineering,
University of Padua, Italy



Professor Raffaella Pomi
Environmental Sanitary Engineering,
University of Rome "La Sapienza", Italy



Professor Alessandra Polettini
Environmental Sanitary Engineering,
University of Rome "La Sapienza", Italy



Professor Linda Godfrey
Manager National Waste RDI Roadmap
Implementation Unit and Principal Scientist,
CSIR, South Africa



Dr Herman Huisman
Senior Advisor International Cooperation,
RWS WVL-Environment, The Netherlands



Dr Noredine Mahdjoub
Senior Research Scientist, University of
KwaZulu-Natal, South Africa

Programme fee:

Students	R2 000
Practitioners	R6 000
IWWG / IWMSA Members	R4 000
HEI / SCR	R3 000

Duration:

International Training Seminar	26 - 28 November 2018
Summer School	26 - 30 November 2018

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