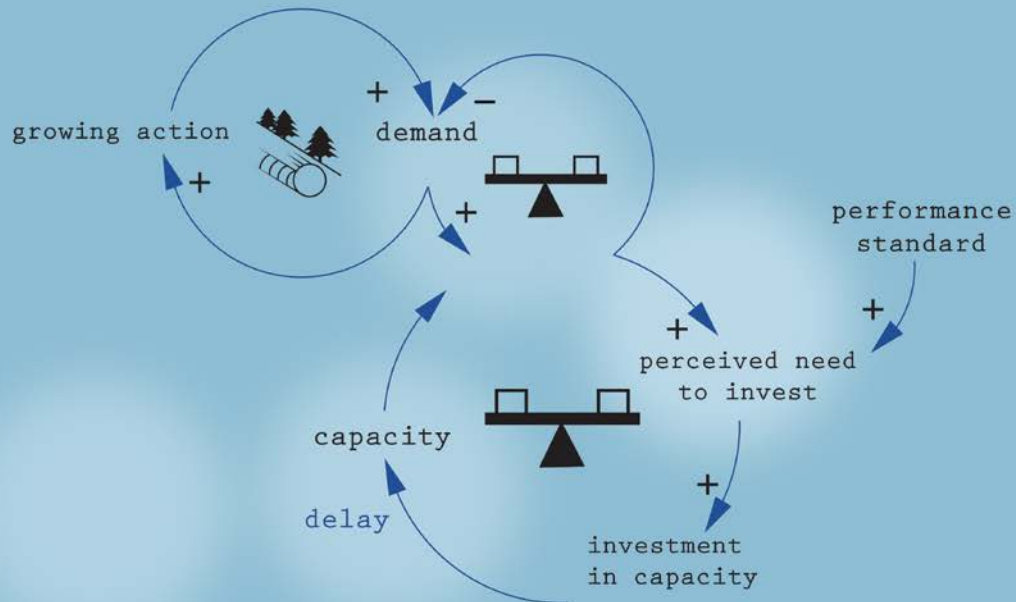




UNIVERSITY OF
KWAZULU-NATAL™
INYUVESI
YAKWAZULU-NATALI

EXTENDED LEARNING

Systems Modelling for Change



Durban

OUR WORLD IS CHANGING... SHOULDN'T YOU?



Systems Modelling for Change

Programme overview & objectives:

Organisations and businesses increasingly operate under conditions of uncertainty and change. The ability to conceptualise and develop systems models is imperative for executives, managers and professionals who have to achieve effective results in the face of constant change, resource constraints, and the drive for innovation while avoiding unintended consequences of their actions.

The world of business and the effective running of organisations are becoming more complex in the face of turbulent environments. Executives and managers need to develop their capabilities to deal with the non-linear dynamics that result. Systems modelling of complex organisational realities are a key competence for organisational sustainability in the face of dynamic change.

How you will benefit. You will learn to:

- Understand the principles of systems modelling
- Apply systems archetypes to common business and organisational problems
- Apply qualitative systems modelling for working with complexity
- Understand the foundations and process of system dynamics modelling
- Conceptualise the stock-flow map for a practical problem in your work context

Key focus areas:

- The nature of systems thinking and modelling
- Fundamentals of systems modelling
- Applications of systems modelling: corporations, government and NGOs
- Stock-flow Structures
- Scoping the model: Bulls-Eye Diagram
- Behaviour over Time (BOT)
- Systems Archetypes
- Systems Models for Change

Who should attend:

This course is aimed at middle and senior managers in corporate or government organisations

Entrance requirements:

Bachelor's Degree and/or relevant work experience

Programme fee:

The programme fee of R8 500 (incl. VAT) covers tuition, instruction material, lunches and refreshments

Facilitators include:



Dr Shamim Bodhanya

Shamim is a scholar-practitioner and has an engineering degree, an MBA and a PhD. He is a researcher, facilitator, and keynote speaker that draws on inter-disciplinary research to work with complex real-world problems and social complexity. Areas of specialisation include systems methodologies, inter-disciplinary and mixed-methods research, system dynamics modelling, complexity theory, interactive teaching

and facilitation, and strategic leadership. The application of his research and facilitation work spans public, private and civil society sectors. He has trained hundreds of delegates over a period of more than a decade. Shamim has led both research and intervention teams, within single organisations and in multi-stakeholder project contexts. Shamim is the Chairman of the board of directors of the Institute of Natural Resources (INR) and a member of the Institute of Directors (M.Inst.D). He is a former academic at the Graduate School of Business and Leadership at UKZN.



UKZN Extended Learning (UJEL) is committed to enrichment through lifelong learning, by providing high quality credit and non-credit bearing short courses and academic programmes in collaboration with schools and colleges of the University of KwaZulu-Natal. In a fast-changing environment, developing relevant and useful skills and knowledge, and the capacity to deliver results, is more important than ever. Our courses are designed using the very best methods by combining content, based on both tried and tested results, and recent cutting edge research, with interactive experiential teaching and learning from local and international faculty and guest speakers.

Duration:

Three days

Dates:

For updated course dates, please contact us or see our website: www.ukznextendedlearning.com

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