



SYNOPSIS

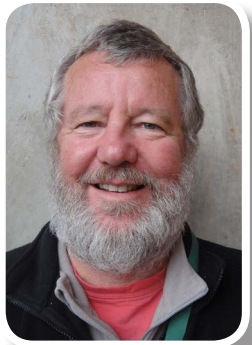
Sanitation has been very much in the news recently. It is a service that is used by all every day, but seldom discussed in an objective manor. Over 3.6 billion people do not have adequate sanitation services and have to practice open defecation. Among sanitation experts Durban is considered as the innovation hub for sanitation service delivery. The lecture will cover the technical aspects of excreta management and how

discredited science and 18 century manufacturing constraints drives the norms of modern sanitation systems. It will explain how the forgotten practice of the reuse of excreta by agriculture can be re-established in a modern city in order to promote a more sustainable life style.



BIOGRAPHICAL PROFILE:

Chris Buckley



Chris Buckley is a chemical engineer and spent a life time at the university undertaking research in urban and industrial water management. He heads the Pollution Research Group. As a consequence of the Group's long term relationship with the Water Research Commission and the eThekweni Water and Sanitation Unit, the

Group was invited to participate in the Bill and Melinda Gates Foundation Reinvent the Toilet Challenge. This is an initiative to bring acceptable sanitation to the unserved.



COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

cordially invites you to attend a

Public Lecture Series

Celebrating National Science Week 2013

FOOD, WATER, ENERGY NEXUS: *Productive Use of Sanitation Residues*

By

Professor Chris Buckley

Pollution Research Group, UKZN

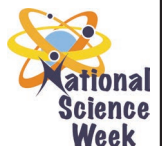


Date: Thursday, 1 August 2013

Venue: Science and Technology Education Centre (STEC),
UKZN Westville Campus

Time: 17h30 for 18h00

The lecture will be followed by light refreshments



INSPIRING GREATNESS