



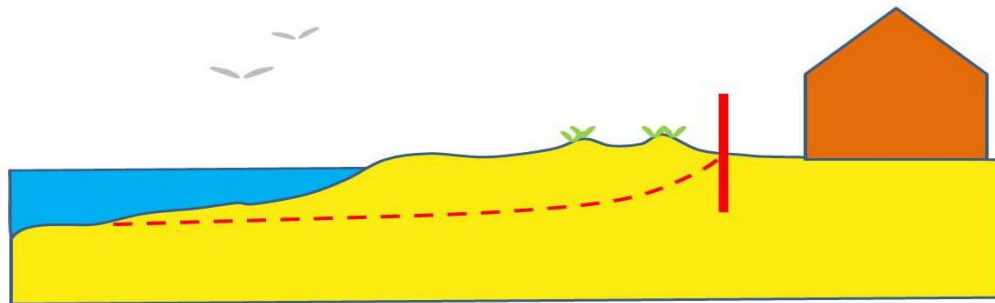
Department of Civil Engineering
Institute for Water and Environmental Engineering

2-day Seminar & Workshop on

The development of coastal setback lines

Presented by the University of Stellenbosch : 21 & 22 October 2010

Venue : *Stias Centre, Stellenbosch University Campus, South Africa*



An open invitation is extended to all who are interested to attend as either an introduction to Coastal Setback Lines, an update on theoretical approaches to determine Setbacks or as an opportunity to interact with students, peers and professionals involved in studying, determining or implementing the setbacks.

Coastal shoreline plans and developments are receiving unprecedented attention along the coasts of the world from authorities, planners, developers, environmentalists and consultants as the pressures on developing the coastal zone increase and compete with pressures from natural coastal and environmental processes, increasing storms and rising sea levels. In response South Africa has taken measures to enforce careful planning and allocation of the fragile areas closest to our shores by implementing the Integrated Coastal Management Act in 2009. The ICM Act makes provision for the establishment of coastal setback lines. This interactive seminar deals with some of the technical issues involved in determining the location and route of setback lines in our complex coastal environments.

On DAY ONE the seminar provides a broad setting of the context of setback lines addressing the simple questions **“What are they”** and **“Why do we need them”**. A common understanding of the background, definitions and intentions of setbacks for coastal development will be sketched by expert presenters, some of whom have been intimately involved in the ICM Act and its early implementation at provincial and municipality levels.

On DAY TWO the focus is on setback lines to avoid coastal erosion and **“How do we determine where they must be drawn”**. The coastal erosion component of setback lines is only one part of the setback line determination process but technically it is one of the most difficult to accurately quantify being under the influence of constantly varying natural processes and additional hazards imposed by man.

The seminar will be in the form of an **interactive and educational seminar / workshop** since :

- The presentations cover background and technical information on the topic of setback lines. Participants will be provided with a DVD containing copies of the presentations as well as some important references in this field.
- Each presentation will take 20-30 minutes allowing ample time for discussion and interaction within allocated 45 minute slots and a panel discussion as closing session on DAY TWO.

SPEAKER	INSTITUTION	TOPIC
Thursday 21 October 2010		
Registration/Welcome	Stias Centre, Stellenbosch	Collect notes, Welcome (Coffee, Tea)
Mr Geoff Toms	University of Stellenbosch	Welcome & Introduction
Dr Wietsche Roets	DEA&DP, George	Implementing setback lines – Development planning for climate change
Mr Gerhard Gerber	DEA&DP-DFU, Cape Town	The Western Cape Department of Environmental Affairs and Development Planning's Methodology for determining coastal setback lines
Dr Louis Celliers	CSIR, Durban	Setback lines as unconditional realities? A reflection of their role in ICM and The Act
Mr Piet Badenhorst	Environmental Consultant	Impact of CZM principles on the development of setback lines
Dr Allan Heydorn	Coastal Ecologist & Environmental Consultant	
Mr Laurie Barwell	CSIR, Stellenbosch	Buffer dunes as a component of setback – A practical approach to integrity management at Municipal level
Friday 22 October 2010		
Mr. Andre Theron	CSIR, Stellenbosch	Approaches to determination of erosion setbacks
Mr. Darryl Colenbrander	City of Cape Town	Defining and identifying a Coastal Protection Zone for the City of Cape Town: Finding the balance within complex social and ecological systems
Mr. Geoff. Smith	WSP (Africa) Coastal	The role of computational modelling in determining setback lines
Mr. Geoff. Toms	University of Stellenbosch	Developments in cross-shore transport modelling
Mr. Andrew Mather	eThekwin Municipality (Durban)	- Comparisons of wave run-up models for South Africa - Towards setback lines for Kwa Zulu Natal
Mr. Stephen Luger	PRDW Consulting Engineers	Wave overtopping at seawalls and impacts on setback lines
Facilitator	-	Panel discussion and closure
<i>All presentations and notes will be provided in English: Final programme may change prior to the event</i>		
<i>This course is registered with ECSA for 2 CPD credits (www.ecsa.co.za)</i>		

REGISTRATION FORM – ALL PAYMENTS AND REGISTRATIONS MUST BE COMPLETED PRIOR TO THE SEMINAR

Kindly complete this registration form as soon as possible (space is limited) and return it to **fax +27 21 808 4351** or e-mail the form to Mrs Elmien Lovell at elmienl@sun.ac.za : **The Secretary, Water and Environmental Engineering Division, Department of Civil Engineering, University of Stellenbosch, Private Bag X1, MATIELAND, 7602, South Africa.** On receipt of the completed registration form, an invoice will be faxed to participants within 2 to 3 days. Payment can be made electronically (details will be provided on the invoice) or by cheque, to be made payable to **University of Stellenbosch.**

Title		Surname		Name	
Company					
	Business registration number:		VAT registration number:		
Address					
Tel	()				
Fax	()				
Email					
Special dietary requests					
Contact person regarding payment					

FEES: R2,750 total for the course (Incl. VAT) (Includes coffee/tea, lunches and DVD with notes and presentations). [Note :No fee reductions can be given for partial attendance]. For our reservation of facilities and catering, please mark your days of attendance with an X :

21-Oct		22-Oct	
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Cancellations are accepted in writing and without penalty, if received by Mrs Lovell up to noon on 8th October 2010. Delegates cancelling (in writing) after this time will be liable to pay a 50 % cancellation fee.

I HAVE READ AND AGREE TO THE CONDITIONS OF ENTRY AS STIPULATED IN THIS BROCHURE.

Signature: _____

Date: _____7y

Enquiries can be directed to:

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