



SE SOLUTIONS
Advancing Environmental Sustainability

YES, WE CAN! INTEGRATED ENVIRONMENTAL MANAGEMENT

SAVE THE DATES FOR 2022!

Category 1: 2 CPD

Environmental Assessment
Practitioners Association
of South Africa
Advancing environmental assessment practice in South Africa



Gauteng & Northwest – Pretoria: 31 January – 01 February

Northern Cape – Kimberley: 7 - 8 February

Free State – Bloemfontein: 10 - 11 February

Eastern Cape – Gqeberha: 14 – 15 February

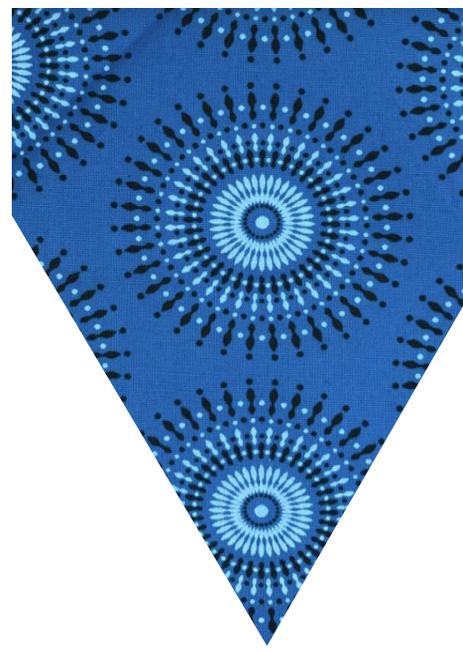
Western Cape – Cape Town: 17 – 18 February

KwaZulu- Natal – Durban: 21 – 22 February

Limpopo & Mpumalanga – Graskop/ Sabie: 24 – 25 February

LIMITED NUMBERS!

BOOK EARLY TO AVOID DISAPPOINTMENT



YES, WE CAN! INTEGRATED ENVIRONMENTAL MANAGEMENT

COURSE FACILITATORS

SEAN O'BEIRNE

Sean has some 31 years' experience in environmental assessment and management and has led multiple large-scale assessments in South Africa, elsewhere in Africa and in eastern Europe, the Russian Federation in particular. Sean is a certified Environmental Assessment Practitioner (EAP) and was amongst the first to be certified in the country. Sean has been directly involved in project implementation too, where he has led the

environmental management function on large scale construction projects, such as the Gautrain project. Sean has also worked for the IFC as a short-term consultant (STC). The combined experience has allowed Sean to develop a conceptual model for Integrated Environmental Management (IEM) from assessment through to project implementation and it is that conceptual model that underpins the course on offer.

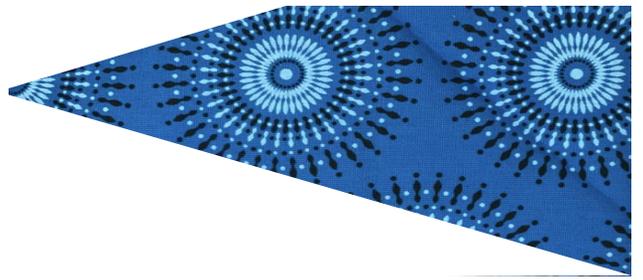


VICI NAPIER

Vici has more than 15 years' experience as an EAP and in that time has specialized in managing EIA processes in South Africa to comply with the EIA regulations. Vici has completed multiple EIAs in that capacity and has recently managed a large-scale EIA that tested several interpretations of the EIA regulations including how to manage the resolution of a

fatal flaw. Sean and Vici work extremely well together in conducting EIAs in South Africa with Sean focusing on the 'big picture' and methods needed to conduct the assessment, while Vici manages the overall process in respect of budget, time and ensuring that the application is fully compliant with the EIA Regulations.





EIA IN SOUTH AFRICA

Following the first Environmental Impact Assessment (EIA) Regulations to be published in South Africa in 1997, subsequent revisions of the Regulations have become increasingly specific. A point has now been reached where Environmental Assessment Practitioners (EAPs) typically preface their EIA Reports with a table detailing how the regulatory requirements have been met, to ensure that there is no risk of the EIA being rejected simply on procedural grounds. In parallel to the procedural evolution of the Regulations, there has been little in the way of a concomitant development of methods to underpin the procedural requirements. Examples of methods are few and far between (other than for significance) and so practitioners work through the EIA process as well as they can capitalizing generally on in-house approaches, typically with no feedback from the Competent Authority's (CA)'s on the methods they have used.

At the same time, it seems often forgotten, that EIA is a predictive process where the true value of the EIA must lie in the efficacy of the Environmental Management Programme

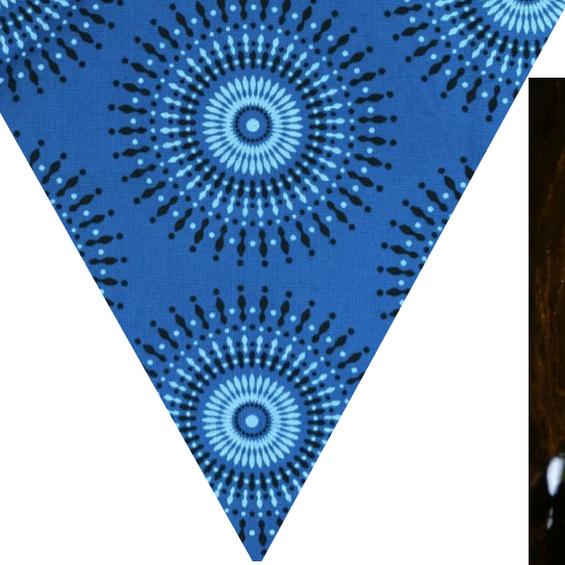
(EMPr). The EMPr must be a mechanism for ensuring that the findings of the EIA are effectively translated into meaningful environmental management on the project. Such environmental management implies specific measurable outcomes and not just a shopping list of mitigation that may or may not work.

This course has been developed to present various methods for conducting EIAs and developing and implementing EMPrs, that go beyond regulatory requirements, without compromising regulatory compliance. Delegates will be taken through the entire EIA and EMPr process collectively presented as Integrated Environmental Management (IEM). Every step in the process will be briefly presented in terms of the regulatory requirements followed by methods that can be used to meet both the letter, but more importantly, and the spirit of the law. Finally, but importantly, international lender requirements will also be detailed relative to the various components of the EIA and EMPr.

WHO SHOULD ATTEND

- o EAPs
- o Environmental Control Officers (ECOs)
- o Competent Authorities (National and Provincial)
- o CA: Compliance Officers
- o Environmental Engineers
- o Specialists supporting EAPs with EIA related studies/ assessments
- o Environmental Auditors





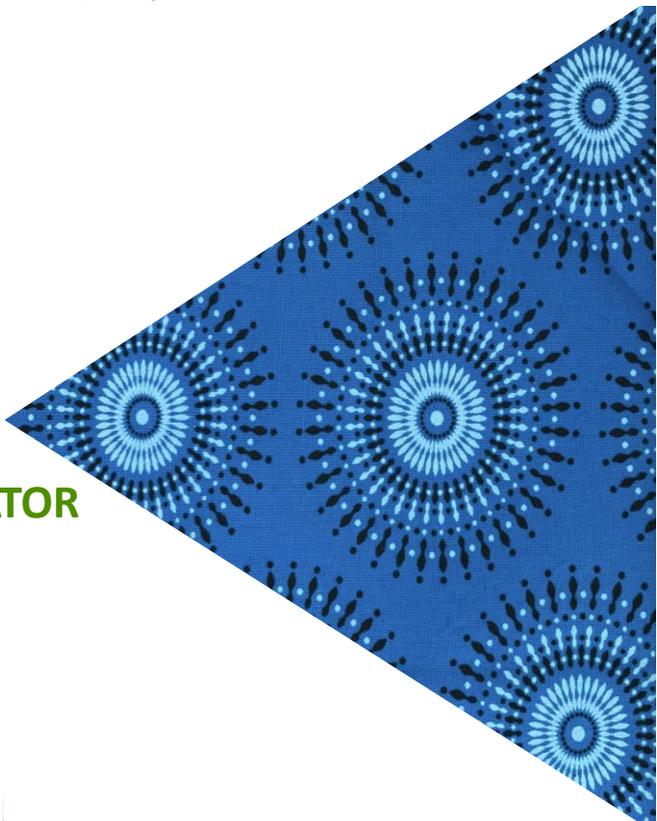
COURSE CONTENT

1. INTRODUCTION
2. SCREENING
 - a. Fatal flaw analysis
3. SCOPING
 - a. Project description
 - b. Defining activities
 - c. Defining environmental and social aspects
4. ENVIRONMENTAL AND SOCIAL BASELINE
 - a. Impact Mapping and defining Terms of Reference (ToR) for specialists
5. ASSESSMENT
 - a. Defining Levels of Acceptable Change (LAC)
 - b. Comparing the current state to the LAC
 - c. Defining Constraints and Opportunities
 - d. Defining impacts
6. CONSEQUENCES
 - a. Inherent risk of the consequences
 - b. Likelihood of the consequence for this project
7. MITIGATION
 - a. Outcome-based objectives
 - b. Performance indicators
 - c. Residual risk of the consequence
 - d. Fatal flaws
8. SUSTAINABILITY
 - a. Needs versus wants
 - b. Defining sustainability outcomes
 - c. Net benefit
9. ENVIRONMENTAL MANAGEMENT PROGRAMME (EMPr)
 - a. Outcome based objectives
 - b. Performance indicators
 - c. Management and mitigation plans
 - d. Monitoring
 - i. Leading indicators
 - ii. Lagging indicators
 - e. Reporting
 - f. Corrective action

“Well constructed course, with very informative content. I enjoyed the fact that it was so interactive and that the presenters held our attention. I will definitely recommend the course to my peers.”
Renate - Shangoni

“Excellent presentations and relevance. Understandable to the layman, like me.”
Leon - Umsinsi

“The material is well put together and very useful for future referencing.”



TRAINING COURSE CO-ORDINATOR

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