

Session 15: Carbon sinks and carbon sequestration

Wednesday 12 November

11h30 – 13h00

Exhibition Hall 4 Room 1

This session will discuss the restoration of land and ecosystems to optimise absorption of carbon (as a carbon sink). This can have the co-benefit of building resilience and adaptive capacity (for example, restoring wetlands to buffer against flooding).

Key questions:

- What is our understanding of the science of carbon pools and fluxes in SA, opportunities for enhancing carbon sequestration and incentives to help drive this?
- What are the best implementation models to rehabilitate/restore our ecological infrastructure towards enhancing SA's carbon sinks given the competing demands for land use?

Contributors				
Category	Name	Surname	Organisation	Topic
Chair	Barney	Kgope	AFOLU, DEA	
Speakers	Sally	Archibald	Senior Researcher/ Lecturer, CSIR/WITS	Understanding the carbon sink potential for South Africa (Pools and fluxes)
	Tony	Knowles	AFOLU, DEA	Land based opportunities and policy implications for restoration of South Africa's Ecological Infrastructure
	Christo	Marais	Department of Environmental Affairs	Lessons learned from the land programme and future opportunities