







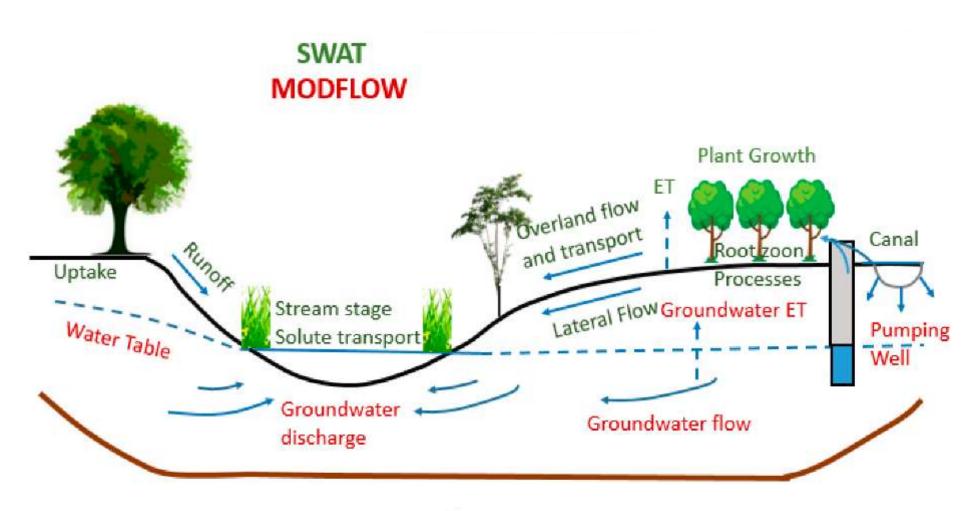
Pan Wetlands



Wetland Biodiversity Matters



Why Care About Groundwater



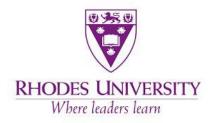
Confining Layer

Biodiversity Affiliated Institutions















Biodiversity Key Members

- Dr Tatenda Dalu
- Prof Ryan J Wasserman
- Dr Adam Wyness
- Dr Chad Keates

- Mr Farai Dondofema
- Prof Timothy Dube











Biodiversity Students

PhD

Chipo P Mungenge



MSc

- Fannie M Masina
- Frank T Bute





Key Aims

- The documentation of important plant and animal species for the pans.
- This will help with the identification of keystone species for conservation prioritization.
- Identify hotspots where management interventions should be focused.
- ➤ These could be GDEs where groundwater mining is taking place hence affecting the integrity of the ecosystems.









Working Plan

	Activities	Outputs	Outcomes
	Characterizing the species existing at selected GDEs.	 Ecological/Biodiversity surveys at identified GDEs Database of the data collected during the surveys 	 Data on biodiversity at the selected GDEs available to the public through the SADC-GIP and what global repository? GBIF?
	Determining the relationship between the species and the groundwater dynamics (Identification of hot spot GDEs in the TBA)	Report on the ecological/ groundwater interactions (cause and effect relationship)	 Research publications available through the SADC-Grey Literature Archive. Promotion of the understanding of ecological role groundwater
	Identification of species and ecological communities of conservation concern relying on groundwater status	GDEs/Species most dependent on groundwater Identified.	 Hotspot GDEs identified and prioritised for interventions. Research publications available through the SADC-Grey Literature Archive.
Card Spirit and Christopher Card Spirit and Christopher Card Spirit and Card S	Develop a spatial database of the species biodiversity at the GDEs	Biodiversity survey completed and data captured into a database.	 Biodiversity data set readily available to the public (SADC-GIP data is open source).

Key Deliverables

Project Team Engagement	Meeting: Project leaders and postgraduate students	End of Month 6
Stakeholder Engagement 1	Workshop: Project Presentation and Input	End of Month 6
Deliverable 2	Literature Review and Proposal: Biodiversity	End of Month 12
Deliverable 5	Preliminary Results: Biodiversity	End of Month 18
Stakeholder Engagement 2	Workshop: Results Presentation and Input	End of Month 28
Deliverable 8	Draft Final Report: Biodiversity	End of Month 30
Deliverable 11	Final Report: Biodiversity	End of Month 33

Thank You

