

EASTERN CAPE COMMENTS

THEME 1-3 & 7

W. KRITZINGER
AGRICULTURE

Areas of jurisdiction.

Groundwater Trust application threw CMA.

How would leadership be used effectively by Government.

Funds must be used paid to DWS to control water of bulk users

Regulations for contamination

Agriculture

More research on Water quantity and quality as pressure on underground water increases through exp. Mining.

Registration of Schedule 1 water users to correctly apply water withdrawal from underground resources.

CMA to better control Groundwater to protect their users. - Currently very little.

No groundwater should be used for commercial irrigation farming - it is not a sustainable resource.

This needs to be regulated.

Priorities for groundwater utilization should be developed and regulated, i.e.:

1. Domestic use
2. Animal use (game & farm)
3. Subsistence or peasant farming

DWS : WQIM : PE

→ Groundwater trainings → identify areas that need to be trained in that regard

→ Groundwater Forum within the Dept.

If not yet, drilling of boreholes in residential areas should also be not allowed, or at least be regulated.

COMMENTS
Hydrogeological Consulting + GWD

- Unification of groundwater "voice" to get NGS message through
- People won't participate if they don't benefit, or have no choice.
- Involve private sector in management, monitoring & awareness programmes.
- Look at NAWATER Model?

* DWS
Groundwater Trust
Good idea:
Need better co-ordination via Groundwater Leadership
Groundwater Governance
10 DWS great idea - Set up National G/W ACT
Yes Regulation G/W
A National G/W ACT!!

GFRWUA

Theme 4-6 & 8-12

Caitlin Smith
Enviro Consultant,
MSc groundwater student

Theme 8 - Groundwater resource planning & development

- ↳ is there planning in the NGS to improve available groundwater information?
- NGA database is out of date with inaccurate information.
- NGA needs to be improved to assist groundwater research.

DWS

G/W on Blue Drop ?? (Should be)

Register schedule I

G/W database updated

* Skills database, what is SA current status.

* Dedicated geo-hydrologist in an area, such as State veterinarian - Legislate

Short term role of the GFRWUA: will work this strategy into our Water Management Plan as a point of departure for firstly to assist in creating awareness.

Hydrogeological Consulting + GWD

- Why are figures in \$ in certain tables in NGS - draft?
- Get G/W into Geography curriculum or school level - GSE?
- Consider "presenting" the NGS as an CPD-course for practitioners? To ensure there is proper understanding and buy-in.
- Include NGS at uni level.

W. Kritzinger
Agriculture

Information on groundwater to take functional decision about development. Also for competitiveness between Industries.

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Aquifer Management.

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South Africa → Waterscapes.

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Strict Monitorings → Capacity must be put into place.

Caitlin Smith Environmental Consultant

Theme 11 water sector skills

- Geo-hydrology is a scarce skill
- Universities in EC & other provinces also need to cater for this skill.
- Geo-hydrology needs to be promoted as a career option. Many students don't even know this field exists.
- ~~Facilitate~~ Increased funding for universities to develop groundwater departments.

Hydrogeological Consulting + GWD

- DWS needs to inform via GWD/ENR or whatever route all IAP's of what they are doing. Eg Monitoring programmes etc.
- Decision-makers must be sensitised about the input need for awareness creation to allocate funds for it.
- Spread the initiative for expectation like used in DWS term Tender in Scope.