

Water Management Problems A South African Perspective

J Sindane

Director General

Department of Water Affairs and Forestry

South Africa

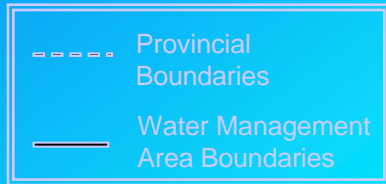
South Africa is guided by

- Constitution
- National Water Act – 1998
- Water Services Act – 1997
- National Water Resources Strategy – 2005
- Strategic Framework for Water Services
- Good Monitoring Systems – Dam Levels - Weekly

Our Challenges

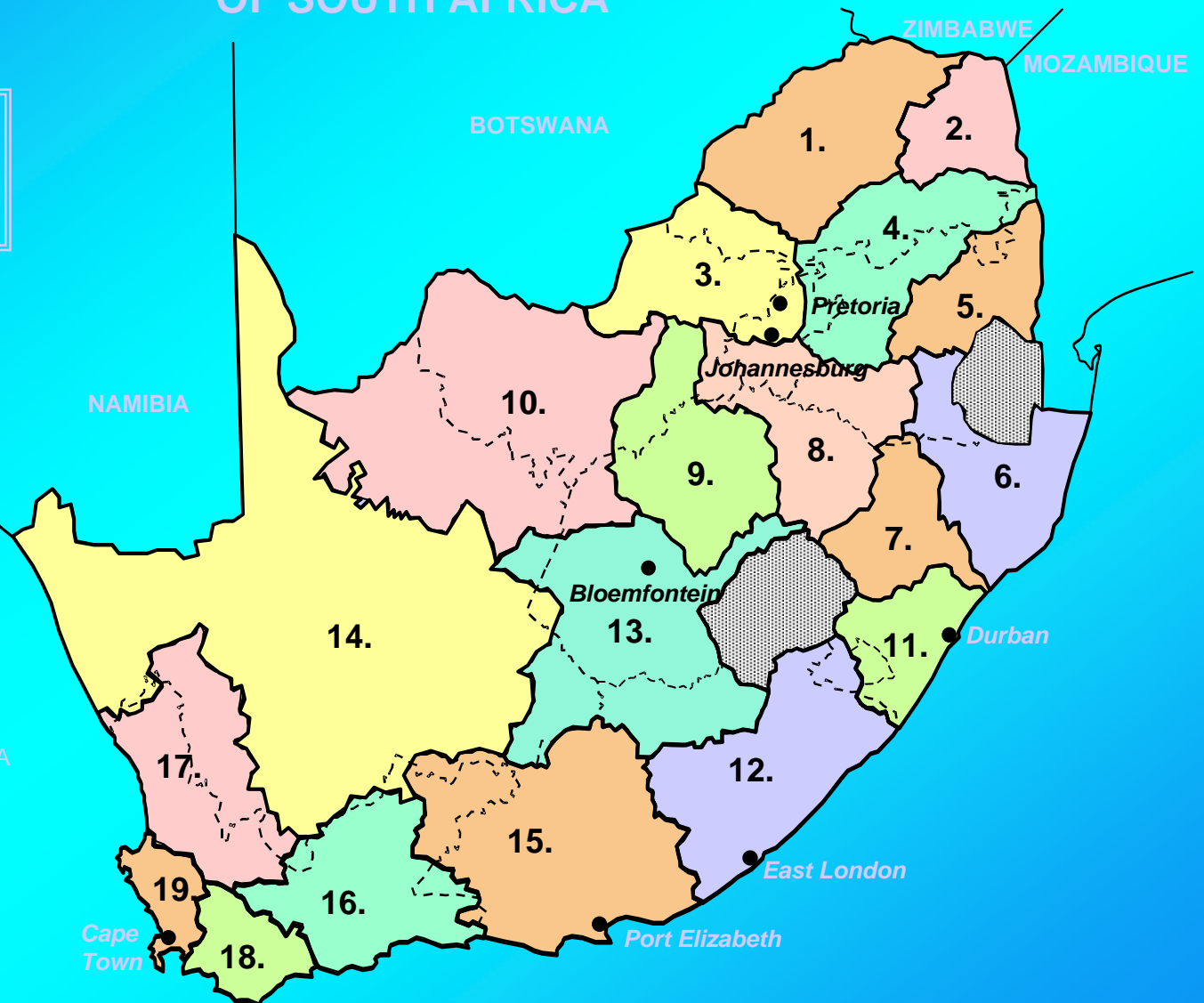
- Water Scarce Country
- Integrated Planning
- Multiplicity of Role Players and Weak Institutions = fragmentation in Planning
- Sort out bad planning of the past without destabilizing the present too much in order to create a sustainable future
- Therefore - Integrated Water Resource Management (IWRM)

WATER MANAGEMENT AREAS OF SOUTH AFRICA



WATER MANAGEMENT AREA

1. LIMPOPO
2. LUVUVHU AND LETABA
3. CROCODILE (WEST) AND MARICO
4. OLIFANTS
5. INKOMATI
6. USUTHU TO MHLATUZE
7. THUKELA
8. UPPER VAAL
9. MIDDLE VAAL
10. LOWER VAAL
11. MVOTI TO UMZIMKULU
12. MZIMVUBU TO KEISKAMMA
13. UPPER ORANGE
14. LOWER ORANGE
15. FISH TO TSITSIKAMMA
16. GOURITZ
17. OLIFANTS/DOORN
18. BREEDE
19. BERG



Our Challenges

- Water Conservation and Demand Management
- Illegal Water Use / Unaccounted for Water
- Pollution of Water Resources
- Information Management and Sharing of Information timeously
- Continuous reliable communication structures

Thank you