EXAMPLE

Concept of Operations South African Flash Flood Guidance System (SAFFG)

1. INTRODUCTION

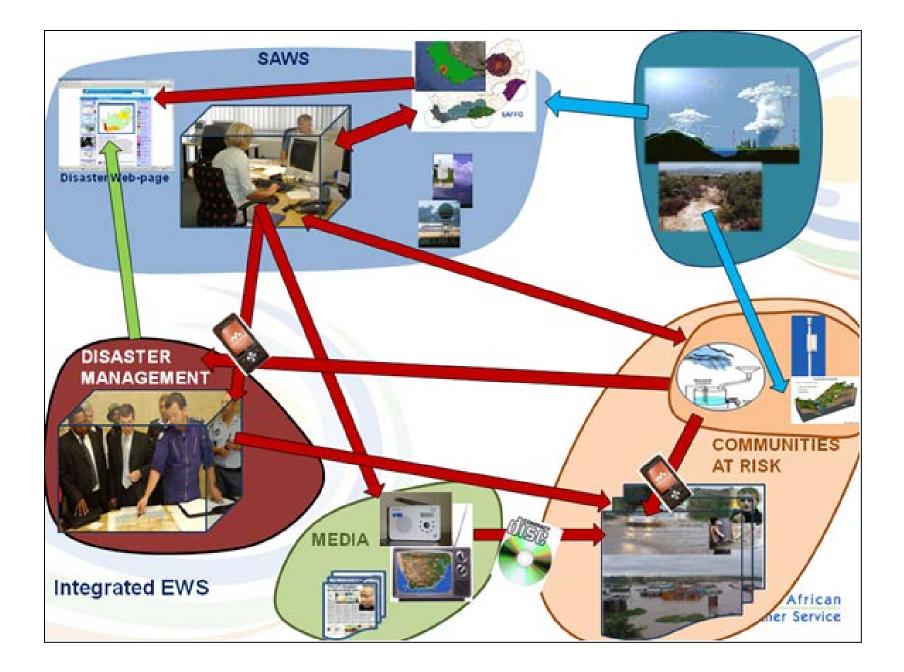
<Describes the responsibilities and operational processes of the SAFFG system in SAWS>

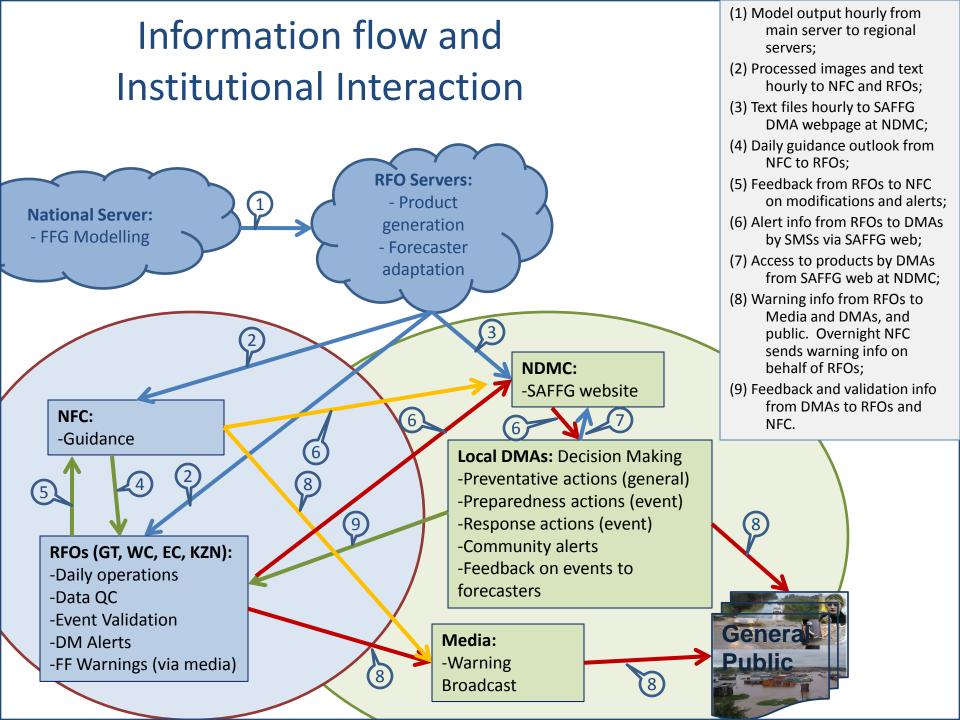
2. BACKGROUND

- 2.1. Warning of Flash Floods in South Africa
- 2.2. Basic Description of the System

3. SAFFG OPERATION AND INFORMATION FLOW

- 3.1. Operation of the SAFFG
- 3.2. Information Flow





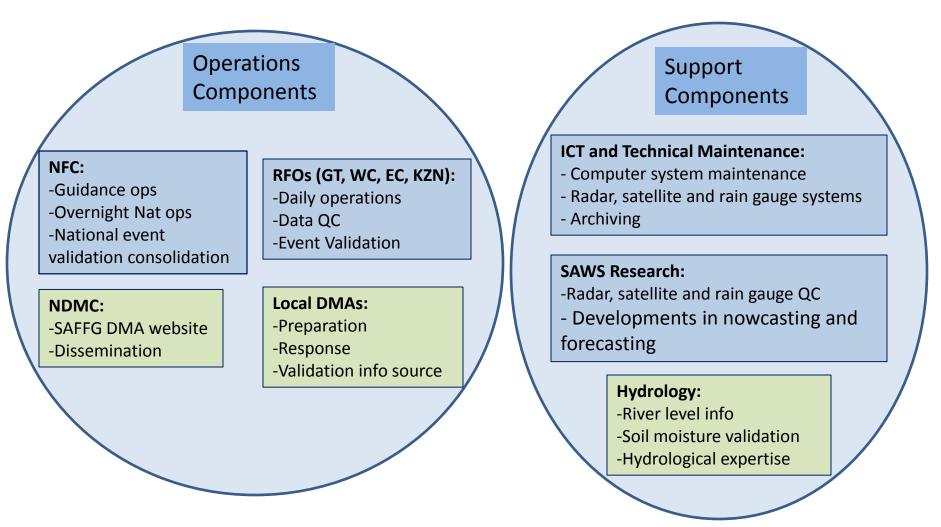
4. RESPONSIBILITIES OF OPERATIONAL COMPONENTS

- 4.1. National Forecasting Centre (NFC) as the national guidance centre:
- 4.2. Regional Forecasting Offices (RFOs):
- 4.3. National Disaster Management Centre (NDMC):
- 4.4. Provincial and Municipal Disaster Management Centres (PDMC and MDMCs):

5. RESPONSIBILITIES OF SUPPORT STRUCTURES

- 5.1. SAWS ICT and Technical Components
- 5.2. SAWS Research
- 5.3. DWA Hydrology

Institutional Responsibilities



6. ROUTINE OPERATIONS

6.1. Hours of Operation

6.2. FFG Product Overview

6.3. Preliminary evaluations

6.3.1. Meteorological evaluations

• Previous, current, forecast

• Radar operations

6.3.2. Hydrological evaluations

• Stream conditions

Reservoir levels

6.3.3. Quantitative precipitation forecasts

6.4. FFG Product evaluations and applications

6.5. Information dissemination

6.6. Routine bulletins

6.6.1. Guidance bulletin

6.6.2. Daily FFG validation report

6.7. Alerts

6.7.1. DMA message (SMS/Email): Watch / Warning

6.7.2. Public bulletin: Watch / Warning

6.8. Reporting requirements

6.9. System validation

7. STAFF TRAINING

- 7.1. Forecaster Training
- 7.2. Disaster Management Training

8. NON-ROUTINE OPERATIONS

- 8.1. Operations during unusual event
- 8.2. Dam failures

9. OUTREACH

- 9.1. General public
- 9.2. Disaster managers: