

SESSION 4:

USAID WASHFIN AND IORA – ENGINEERING INNOVATION TO KEEP UP WITH COASTAL POPULATION DENSIFICATION

Chair: Marc de Vos (SAWS) | Venue: Boardroom 1

This session will focus on wave and storm surge forecasting in support of coastal infrastructure protection, coastal engineering and the Flood Early Warning System (FEWS) of eThekweni Municipality as a case study.

PROGRAMME

Welcome and technical session introduction		Christo Rautenbach (SAWS)
11:00 – 11:20	IORA RCSTT Water and Sanitation Science and Technology Transfer Coordination Centre	Mamohloding Tlhagale (WRC)
11:20 – 11:40	Wave and storm surge forecasting in support of coastal infrastructure protection	Marc de Vos (SAWS)
11:40 – 12:00	Coastal engineer and the Flood Early Warning System (FEWS) of eThekweni Municipality	JP Calitz (eThekweni Municipality)
12:00 – 12:20	Design considerations and modelling approaches focused on marine outfall performance assessment and monitoring	Roy van Ballegooyen (WSP: Transport & Infrastructure, Africa)
12:20 – 13:00	Discussion and closing remarks	