

SATREPS Infectious Diseases Early Warning System (IDEWS)



IDEWS KICK-OFF SYMPOSIUM

Tuesday, 5th August 2014

Bunga Auditorium

DST, Pretoria

As a mark of the initiation of this new collaborative project, a one-day symposium will be co-hosted with the respective partners of the project. The goal of the symposium is to inform a variety of relevant researchers, agencies and the student community, and to discuss the latest developments and plans, with respect to this project. An opportunity to engage with the key role players and to inform the project partners of related work of relevance to the project will be provided. Those interested in attending the meeting are asked to visit this website to register their participation.

https://docs.google.com/forms/d/1Kd3NuMkeHfn_bsiyuXYC_I95fAOlaikJVkc314BvfBU/viewform?usp=send_form

Please distribute this announcement and please contact Dr Neville Sweijd (nsweijd@gmail.com) or Dr Willem Landman (WALandman@csir.co.za) or Prof Angie Mathee (amathee@mrc.ac.za) for further information.

AGENDA

Registration: 08.30-09:00

1. Opening Session

(Chair: Ms Lisa Du Toit, DST)

09:00-09:05	Address I	Dr Phil Mjwara (Director General, DST) Welcome and overview of DST's support and coordination for the IDEWS
09:05-09:10	Address II	Mr Hiroyuki Kinomoto (JICA Chief Representative) JICA's support for the IDEWS under the SATREPS frameworks
09:10-09:15	Address III	Dr Frew Benson (Chief Director: Communicable Diseases Control, DoH) Welcome and overview of DOH's support and coordination for the survey and implementation plans of IDEWS
09:15-09:20	Address IV	Mr Shinichi Asazuma (Minister, The Embassy of Japan) Japan and South Africa cooperation for sustainable developments of southern Africa.

2. First Session: Infectious Disease Analysis and Modeling

(Chair: Prof. Minakawa, Rapporteur: Y. Morioka)

09:30-09:50	Prof. Noburu Minakawa	The research background for the development of IDEWS and plans of actions.
09:50-10:10	Prof. Masahiro Hashizume	Past and current researches related to IDEWS
10:10-10:30	Dr. Phillip Kruger	Malaria control in South Africa.
10:30-10:50	Prof. Angela Mathee	Disease surveillance systems: hospital and community based approach (pneumonia & diarrhoea)
10:50-11:10	Prof Coleen Vogel	Effective communication systems for IDEWS and contributions to society
11:10-11:30	Dr. Raj Maharaj	Application and contributions to adjacent countries
Second Session: Climate Analysis and Prediction for Infectious Disease Modeling (Chairs: Dr. Willem Landman: Rapporteur: SA)		
11:30-11.50	Dr. Willem Landman	Developing a multi-model climate prediction system in South Africa for the disease early warning system.

11:50-13:00 Lunch

(Chairs: Dr. Willem Landman: Rapporteur: SA)

13:00-13:20	Dr Swadhin Behera Climate variability in Southern Africa
13:20-13:40	Dr. Takeshi Doi The state of the art JAMSTEC climate prediction system for developing a disease early warning system in southern Africa.
13:40-14:00	Babatunde Abiodun Downscaling efforts on seasonal time scales in SA
14:00-14:20	Dr. J. V. Ratnam Effective downscaling of SINTEX-F climate predictions to be used in the disease early warning system.
14:20-14:40	Asmerom Beraki The SAWS Climate prediction system and its role on the development of early warning system applications
14:40-15:00	Dr. Yushi Morioka The role of local and remote climate influences on the rainfall variations and related disease outbreaks over southern Africa.

15:00 - 15:20 Coffee Break

3. Third Session Panel Discussion

(Chair: Dr. Neville Sweijd: Rapporteur: J.V. Ratnam)

15:20-15:30	Dr. Neville Sweijd iDEWS in context – Seasonal Cycles Africa
15:30-16:00	Short presentations of related projects and programmes.
16:00-16:45	Discussion Plans of actions to develop and establish iDEWS, engaging the stake holders and effective dissemination of information to be used by local authorities and public