



INVITATION

You are invited to attend a public lecture discussion at 15h00-17h00 on the 19th of August at the Department of Science and Technology Auditorium, Pretoria.

Seasonal Climate: What Can We Predict?

The emergence of climate prediction and its benefits to society.

- What is the difference between climate and weather?
- What is the difference between climate change and climate variability?
- How far in advance can we predict floods and droughts?
- What can we do about it?
- Can we expect more extreme weather in the future?
- What is the nature of the collaboration between Japan and South Africa

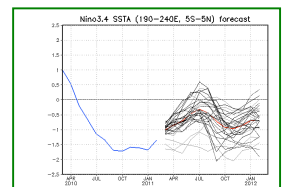
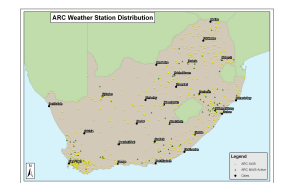
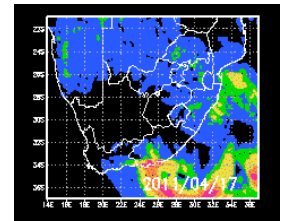
These and other questions answered.....

South Africa and Japan are collaborating on a joint project entitled "Prediction of Climate Variations and its Application in the Southern African Region" under the framework of Science and Technology Research Partnership for Sustainable Development (SATREPS), funded by Japan International Cooperation Agency and Japan Science and Technology Agency, to develop prediction systems for seasonal climate outlook. This is a relatively new aspect of climate forecasting and aims to provide users with information that can be used to prepare for extreme events like floods, droughts or even average climate characteristics for the coming season.

Scientists from several local and international institutions have joined forces to develop prediction systems together. They are: CSIR; Universities of Pretoria and Cape Town; the South African Weather Services; South African Environmental Observation Network; Agricultural Research Council (South Africa); Japan Agency for Marine-Earth Science and Technology (JAMSTEC); and the University of Tokyo (Japan).

The aim of the meeting is to inform the public of the scope of the research being conducted and the art of science (and its limitations) of seasonal weather prediction. A panel of experts will answer questions and the public, media and students are welcome. Space is limited so please RSVP (only those who register via e-mail will be admitted).

RSVP: Ms Leshion Tholo (ltholo@access.ac.za)



Programme

Programme Director (Ms Eudy Mabuza, Development Partnerships, DST)

15h00: Welcome: Mr Imraan Patel (Chief Director, Earth Systems Science DST)

**15h05-15h15: Overview of Seasonal Climate research in South Africa and the SATREPS project:
Mr Leluma Matookane (Director: Earth Systems Science, DST)**

**15h15 - 15h45: The status of seasonal climate prediction and its applications in southern Africa:
Dr Willem Landman – CSIR / Asmerom Beraki – SAWS)**

**15h45-16h15: Prediction of climate modes and the value of scientific research:
(Professor Toshio Yamagata –JAMSTEC / The University of Tokyo)**

16h15 – 17h00: Q & A and discussion (Chair, Jimmy Adegoke)

17h00: Refreshments
