

CLIMATE CHANGE: THE AFRICAN DEVELOPMENT BANK'S PERSPECTIVE

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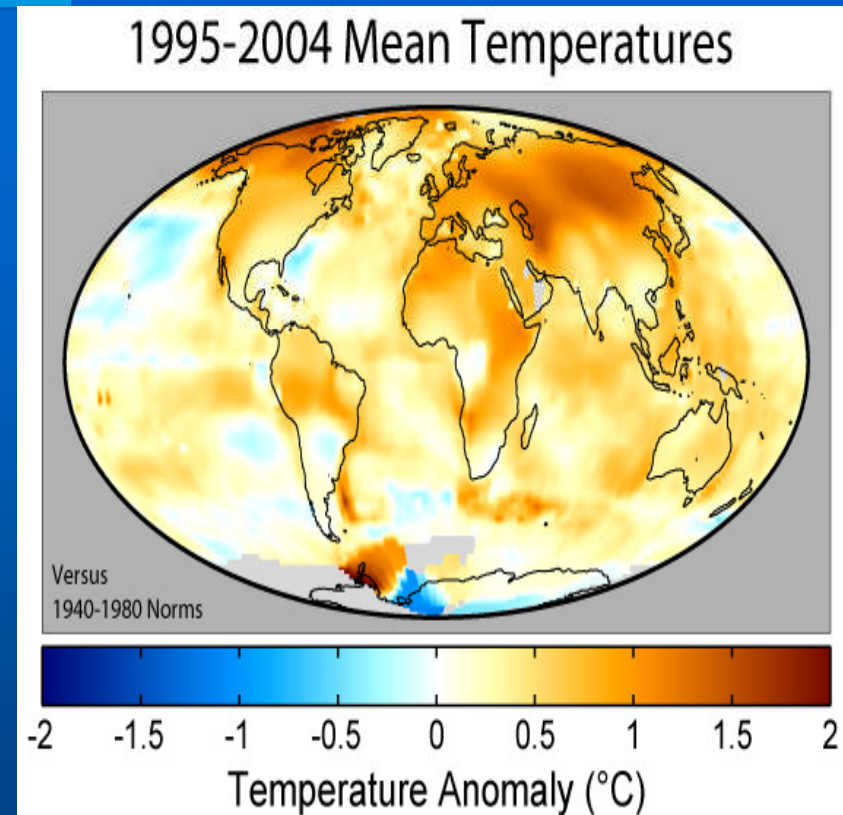
Chairperson - Panel

CONTENT

- INTRODUCTION
- EFFECTS ON SOME DEVELOPING COUNTRIES
- CLIMATIC STATISTICS ON AFRICA
- NEW INITIATIVE
- CONCLUSION

INTRODUCTION

- **Increasing emissions of greenhouse gases are changing the global climate systems**
- **Poses greater risks to environmental, social and economic development**
- **Irreversible impact on Africa's agriculture by the year 2020 if efficient measures are not adopted**



Source: http://en.wikipedia.org/wiki/Image:Global_Warming_Map.jpg

INTRODUCTION cont.

- 75 to 250 million people are projected to be exposed to increasing water stress by 2020 due to climate change
- Climate change will adversely affect food security and exacerbate malnutrition in parts of the continent
- Africa is most vulnerable to climate variability and change



EFFECTS ON SOME DEVELOPING COUNTRIES

- In South Africa, global warming causes severe weather conditions, high temperatures, flooding and rough seas
- In Djibouti prolonged dry spells and drought in pastoral zones is affecting agricultural production
- In Namibia, due to variability in climatic conditions, there has been significant a drop in temperature and chilly fingers.



Source:<http://www.irinnews.org/Report.aspx?ReportId=71845>

EFFECTS ON SOME DEVELOPING COUNTRIES cont.

- Some regions in Nigeria are likely to experience water shortages
- In Ghana, on April 20, 2007 the worst ever disaster happened. A flood leaving over 4000 homeless of the city of Tamale.
- In Zimbabwe a health hazard is looming in Marondera amidst revelations that Nyambuya Dam water supply is running out
- In Madagascar, rebuilding of shattered schools in wake of cyclones which have affected 150,000 school children

EFFECTS ON SOME DEVELOPING COUNTRIES cont.

- **In Kenya, floods have returned to wash away fortunes.**
- **In Liberia, the Ganta tropical storm –In March 2007 raked and disrupted normal life for the people thereby leaving scores homeless**

CLIMATIC STATISTICS ON AFRICA

In Africa, 25 countries are expected to experience water scarcity or water stressing the next 20 to 30 years.

This translates into 16% or 230 million of Africa's population facing water scarcity by 2025 and 32% or 460 million people living in water-stressed countries by that time.

Africa could face more disasters as a result of climate change, the world meteorological Organization (WMO) has warned,

NEW INITIATIVES

East African countries have strengthened the region to predict climate-related disasters by establishing a regional climate monitoring institution.

CONCLUSION

**MANY THANKS
FOR YOUR
ATTENTION**