

# Environment Statistics in Kenya

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# Outline

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- ▶ Environment Situation in the Country
- ▶ Main Environmental Issues/Concerns and Related Policies
- ▶ Main Institutions Involved in Environmental Data/Statistics/Information Production
- ▶ Activities and Outputs in Environment Statistics and Information-Data Collection
- ▶ Future Plans for Environment Statistics

# Environment Situation in the Country

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- Environment policies handled by the State department of Environment & Natural Resources. The Ministry coordinates all environment agencies (Forest Conservation & management Bill, 2014 and wildlife conservation & Mgt. Act, 2013)
- Reporting on State of Environment is a mandate of NEMA (EMCA 1999, revised 2012)
- Kenya National Bureau of Statistics is in charge of all official statistics (Statistics Act. 2006)

# Environment Situation in the Country

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- Statistics is a shared function between the national & county government (Fourth schedule of the Constitution 2010)
  - County government responsible for statistics for county planning and development

# Environment Situation in the Country

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- Key environmental issues include
  - Climate Change
  - Forest conservation
  - Land degradation (soil erosion, land use systems etc.)
  - Forest encroachment (Mau complex)
  - Wildlife Poaching
  - Conservation of Flora and Fauna
  - Invasive species

# Main Environmental Issues/ Concerns and Related Policies

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- Lack of established environment statistics units in Ministries, Counties, Departments & Agencies (MCDA).
- Inadequate number of natural resource statisticians.
- Lack of skills in basic level of statistics training covering data collection, conducting surveys and censuses, data analysis and dissemination.

# Main Environmental Issues/ Concerns and Related Policies

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- Intensive trainings on analysis using various statistical software (STATA, CPro, SPSS, among others) are necessary to enhance analysis skills and hasten dissemination especially for large sample surveys and censuses.
- Lack of comprehensive data and quality of available data/statistics

# Main Institutions Involved in Environmental Information Production

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- Ministry of Lands and Housing (Land & water area, Land management)
  - National Land Commission
  - Department of Survey
- Department of Resource Surveys and Remote sensing in the Ministry of Mining & petroleum
  - Mapping of Natural Resources and data related to remote sensing



# Main Institutions Involved in Environmental Information Production

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- Kenya National Bureau of Statistics
- Ministry of Environment Water & Natural Resources
  - National Environment Management Authority (NEMA)
  - Kenya Forestry Services (Forest Resources)
  - Kenya Wildlife Service (National Parks & Game Reserves)

# Main Institutions Involved in Environmental Information Production

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- State Department of Water & Irrigation services~management of water resources utilization
- Kenya Metrological Services(Climate related information~rainfall, temperature etc)
- Kenya Metrological Services(Climate related information~rainfall, temperature etc)
- Ministry of Agriculture and Livestock (Farming practices & information on Arable land)

# Main Institutions Involved in Environmental Information Production

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- State Department of Fisheries
  - KEMFRI (marine related data & information)
- Ministry of Public Health and Sanitation (Environmental health i.e. Public Health, the working environment, Control and management of hazardous wastes and radiation)
- County governments

# Main Activities and Outputs in Environment Statistics and Information

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- Activities
  - Established an Agriculture, Nutrition & Environment Statistics Committee (ANES) that meets on a quarterly basis to harmonize and improve quality of statistics produced
  - Embarked on preparation of a Strategic Plan for Agriculture and Rural statistics (SPARS)
  - Embarked on the preparation of the National Strategy for the Development of Statistics (NSDS)

# Main Activities and Outputs in Environment Statistics and Information

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- Outputs
  - Annual State of Environment (SOE) report prepared by NEMA is the most comprehensive
  - Annual Economic Survey Report (Chapter 9) by KNBS
  - Annual Statistical Abstract by KNBS
  - Various socio-economic reports
  - Data/information uploaded on respective institutions website

# Future plans/Way forward

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- Support by Statistics Sweden on capacity building for Environment Statistics
  - First mission in August 2015
- Strengthening the linkage on statistical development from county government level to national
- Implementation of the NSDS
- Development of County Statistical Abstract in collaboration with the County governments

END  
THANK YOU

