4. Providing easier access

NSOs must improve the contribution of official statistics to climate change analysis by, among other things, facilitating access to existing statistics

NSOs must improve the contribution of official statistics to climate change analysis. One of the first steps should be facilitating access to existing statistics within the national statistical system. To do this, NSOs may wish to consider the following issues and actions:

- Create national forums or events for discussions between users and producers of climate change statistics
- Promote the use of existing official statistics
- Provide access to climate change-related statistics (including scientific data collected by others) using NSOs’ dissemination channels
- Improve access to microdata for researchers working on climate change

Good Practices

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| Statistical office publishing science-based climate change statistics collected by other government producers | Canada        | Describes interactions between science departments and StatCan. Science departments came to StatCan in order to leverage their dissemination infrastructure. | - Work allowed science department to present its findings in a spatial and socio-economic context  
- Although the project is completed, an ongoing relationship with this and other science departments has continued  
- This relationship allows for sharing of research on EGS, and feedback on StatCan’s own efforts in this area | - Merging different information sources and adding geographical information to allow regional searches  
- Fewer data available with extended observation period systematic collection of events desired  
- Possible spatial extention in future projects (e.g. Africa) | PPT |
| Inter-Operable Database for Regional Extreme Weather & Climate Events | De utsch e r W e tter die nst | Describes the WMO Climate Watch System and the Knowledge database on Eurostat’s Climate Change website (KRONER) | - Already extensive data sets in various data collections available including information about damage and loss | - | PPT |
| Eurostat’s climate change website                | Eurostat      | Eurostat developed a climate change statistics website to contribute to better understanding and monitoring of climate change. | The website increases the visibility of climate change-related statistics, facilitates access to various datasets and ensures consistency in messages. Climate change-related statistics and publications are accessible online in a user-friendly way. | - | PPT Web site |
| Combining official statistical data with climate adaptation data | UN FPA        | The UN Population Fund has developed the Demographic Explorer for Climate Adaptation (DECA) – an automatic spatial analysis tool that makes use of official statistical data in combination with other information needed for climate adaptation | - The online DECA tool is an innovative, free tool for automated integration and analysis of multiple kinds of spatial data.  
- It aims to fill in knowledge gaps in social, environmental and science policy by involving stakeholders in spatial analysis and decision-making. | - This approach should be applied more widely by countries and international organizations to ease access to official statistics and their use with other climate data. | Web Related research |
| The little data book on climate change            | Th e Wo rl d Ba nk | Book providing data on definitions, data gathering and dissemination of international climate statistics | Data on climate, exposure to impacts, resilience, GHG emissions and energy use, national-level actions, carbon markets, at country and regional levels | - | PDF |
| Providing easy access to climate change data     | Th e Wo rl d Ba nk | The World Bank has developed many services for distributing climate change relevant data mainly using official statistics as the starting point, such as the World Development Report, the Climate Change Knowledge Portal and Climate Adaptation Country Profiles | - The World Development Report provides over 40 indicators in support of addressing climate change and other development issues.  
- The Climate Change Knowledge Portal is a hub of information that provides possibilities to query, map, compare, chart and summarize key climate and climate-related information. | - | Portal World Development Indicators |