UNCTAD National Workshop Jamaica 30 May – 1 June 2017, Kingston, Jamaica

"Climate Change Impacts and Adaptation for Coastal Transport Infrastructure in Caribbean SIDS"

Regional Climate Change Initiatives and Developments

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What It Does

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- Provide longer sequences of weather variability that could then be used to determine the rarity of extreme events;
- For the future periods, we perturb some of the WG fitted parameters to take into account future changes that may occur;
- Provides daily timescale weather data (100 sequences of 30 years) for the control period (1971-2000 or 1981-2010) and for three 30-year futures (2011-40, referred to as the 2020s, 2041-70, the 2050s and 2071-2100, the 2080s).

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 WG output can be directly used by impact models (e.g. crop climate models) in exactly the same way that such models are used with historic weather sequences;

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- WG provides 100 sequences, so the ideal use of the output is to pass each sequence through the impact model and determine the result (e.g. for a crop climate model, the yield);
- The yield produced with the control sequences (shown a distribution of results) can be directly compared with the distributions produced using the selected climate futures.

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