Climate Research at the Canadian Centre for Climate Modelling and Analysis

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Abstract

In this talk I will briefly describe CCCma, its climate modelling and diagnostics research program, and some of its principal research tools, such as the CCCma diagnostics package. The latter is an extensive library of scripts and programs which together provide a comprehensive scripting language for climate diagnostics that is integrated with our climate modelling tools. The key element of this package is the use of a simple, but effective, climate data file structure that, in essence, allows files to be treated as objects for computation.