



Data Assimilation for the Carbon Cycle

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We present a four-dimensional variational data assimilation (4DVAR) scheme for the Data Assimilation Linked Ecosystem (DALEC) model. The standard tests of a 4DVAR scheme are interpreted in terms of the model dynamics, and a description of preconditioning will be given. Retrievals of carbon pools will be presented, together with preliminary results on parameter estimation.