Geophysical Research Abstracts, Vol. 7, 08941, 2005
SRef-ID: 1607-7962/gra/EGU05-A-08941


# Material and Energy Transport under Random Boundary Fluxes

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Geophysical and climate systems are usually subject to uncertainty or random influences. There is a growing recognition of a role for the inclusion of random influences in the modeling of complex phenomena in geophysical flows and climate dynamics. Often, noise affects geophysical systems at boundary.

The speaker will present recent results in scalar transport in geophysical flows under random boundary fluxes.