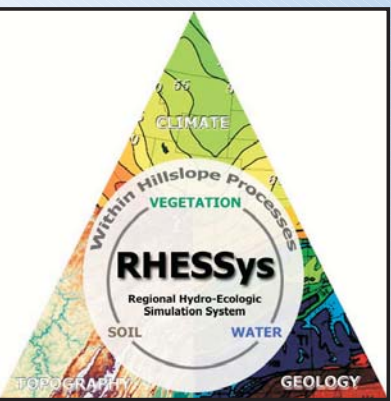


# Eco-Hydrologic Modeling with RHESSys

Workshop Saturday, April 1, 2006,  
at SDSU campus, 1:30-5:30



RHESSys is a GIS based, terrestrial eco-hydrologic modeling framework designed to simulate carbon, water, and nutrient fluxes at the watershed scale. RHESSys models the temporal and spatial variability of ecosystem processes and interactions at a daily time step over multiple years by combining a set of physically based process models and a methodology for partitioning and parameterizing the landscape.



<http://geography.sdsu.edu/Research/Projects/RHESSYS/index.html>

## Workshop Content

Application of the RHESSys modeling framework to ecosystem disturbance scenarios to examine the potential impacts on eco-hydrologic processes:

Climate Change  
Urbanization  
Fire



Streamflow  
Evapotranspiration  
Net primary productivity  
Net ecosystem exchange  
Nitrification/Denitrification

For workshop information, contact one of the workshop organizers:

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