<b>CLIM 714</b> CRN 13334		Land/Climate Interactions	Tue/Thu 1:30PM - 2:45PM Exploratory Hall 1005	
Prof. Paul Dirmeyer				
Lecture	Date	Торіс	Assignment	Due
01-1	19 Jan	Introduction, Structural Concepts: Systems, Models		
01-2	21 Jan	Structural Concepts: Scales; Mathematical Concepts: Budgets, Extinction		
02-1	26 Jan	Mathematical Concepts: Conduction, Feedback, Sensitivity, Correlation		
02-2	28 Jan	Water Balance at the Land Surface	Homework #1	8 Feb
03-1	2 Feb	Water (cont'd) and Carbon Balances at the Land Surface		
03-2	4 Feb	Energy Balance at the Land Surface	Homework #2	15 Feb
04-2	11 Feb	Energy Balance at the Land Surface (cont'd) and Boundary Layers		
05-1	16 Feb	Atmospheric Boundary Layer and Turbulence	Homework #3	24 Feb
05-2	18 Feb	Radiative Transfer		
06-1	23 Feb	Radiative Transfer and Vegetation	Homework #4	2 Mar
06-2	25 Feb	Soil Physics		
07-1	1 Mar	Soil Physics (cont'd)	Homework #5	16 Mar
07-2	3 Mar	Class Project and Journal Paper Assignments	Paper Review Class Project	16 & 21 Apr 30 Apr
8 & 10 Mar		Spring Break		
09-1	15 Mar	Models of Land Systems		
09-2	17 Mar	Seminal Research		
10-1	22 Mar	Land-Atmosphere Feedbacks		
10-2	24 Mar	Land-Atmosphere Coupling		
11-1	29 Mar	Assembling a Land Surface Model		
11-2	31 Mar	Assembling a Land Surface Model (cont'd)		
12-1	5 Apr	Comparisons of Land Surface Models over Small Scales		
12-2	7 Apr	Comparisons of Land Surface Models over Large Scales		
13-1	12 Apr	Paper Presentations I		
13-2	14 Apr	Land Variability and Land Use Change		
14-1	19 Apr	Land Use Change and Climate Change		
14-2	21 Apr	Round Table		
15-1	26 Apr	Class Project Results		
15-2	28 Apr	Review		
1:30-4:15	10 May	Final Exam		
Grading	: Ho	mework 50% (5 Assignments)		
	Analysis Project 20%			

Paper Presentation 15%

Final Exam 15%