

Large Scale Ecosystem Modeling

913.004 (1.0 SWS, SE)

Professor Dr. Steven W. Running

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Steven W. Running received the B.S. (1972) and M.S. (1973) degrees from Oregon State University, and the Ph.D. (1979) degree in Forest Ecology from Colorado State. He has been with the University of Montana, Missoula, since 1979, where he is a University Regents Professor of Ecology. His primary research interest is the development of global and regional ecosystem biogeochemical models by integration of remote sensing with climatology and terrestrial ecology. He is a Team Member for the NASA Earth Observing System, Moderate Resolution Imaging Spectroradiometer. He has published over 240 scientific articles and is a chapter Lead Author for the 4th Assessment of the Intergovernmental Panel on Climate Change, shared the Nobel Peace Prize in 2007. Prof. Running is an elected Fellow of the American Geophysical Union and is a Highly Cited Researcher by the Institute for Scientific Information.

Aim of course:

The three seminars are designed for students as well as faculty members interested in large scale ecosystem modeling by linking terrestrial with satellite driven data. Techniques developed for deriving NPP and LAI and how they are used for assessing global climate change impacts using MODIS satellite data are discussed.

Time Schedule:

Dates	Time	Room	Subjects
26.02.2008	15:00 - 17:00	EH 01	Conceptual development of biogeochemical Models
04.03.2008	15:00 – 17:00	EH 01	Regional scaling logic and its Application within Ecology
11.03.2008	15.00 – 17.00	EH 01	MODIS satellite driven ecology

Participating students will have to write a short seminar paper to fulfill the grading requirements

For more information please contact

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