

## ANNOUNCEMENT

### Dust Aerosols, Loess, and Global Change

*Battelle Conference Center, Seattle, Washington, October 8–13, 1998*

An interdisciplinary conference and field tour on dust in ancient environments and contemporary environmental management will comprise a field tour, October 8–11, 1998, and a conference, October 11–13, 1998.

*Preconference field tour.* A three-day excursion will traverse the dryland farming region of the Columbia Plateau in eastern Washington; explore the Palouse loess deposits; and cross the famous Channeled Scabland, site of the largest glacial outburst floods in earth history. Dual themes will be: (1) intensively instrumented wind erosion research sites, and (2) classic exposures of the Palouse loess, paleosols, cycles of dust deposition. A winery tour and tasting will be included.

*Conference.* Quaternary geologists, soil scientists, agricultural engineers, agronomists, air quality specialists, environmental scientists, climatologists and paleoclimatologists, and land managers, as well as students in agriculture, environmental sciences, and geology, will find this event of interest. Proposed conference topics include

Climatic events and other drivers of loess depositional cycles during the Quaternary Period

Comparisons of modern and ancient dust transport and deposition in mid-latitude areas

Dustfall magnitude into ice-age oceans and wind trajectories

Sub-Milankovitch millennium- and century-scale dust events and their linkages and causes

Possible role of dust aerosols as a feedback in last-glacial climate change

Natural and anthropogenic sources, transport mechanisms, and deposition of dust aerosols today and impacts on urban air quality, human health, and the global environment

Measurement, prediction, transport modeling, and control of wind erosion from agricultural and natural areas

For further information, please contact:

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