Students requiring accommodations as a result of disability, must contact the Centre for Students with Disabilities 778-782-3112 or csdo@sfu.ca

Instructor: <u>Dr. Charmaine Dean</u>

PIMS universities:
The course will be offered using remote teaching technology and will be made available to the PIMS universities involved in the Environmetrics CRG.

Link to detailed course outline: http://www.stat.washington.edu/peter/592/index.html

Content and teaching goal:
We present recent material in spatial statistics, including ways to model covariance in space and space-time, tools to deal with nonstationarity in time and space and with nonseparability between time and space. The goal is for the students to become familiar with recent approaches, and to develop some facility (mainly using R and some specialized software) dealing with them. The class has lectures on Tuesdays and alternating Thursdays and computing sessions on alternating Thursdays.

<u>Grading Scheme:</u>
Assignments: 100%

Students should be aware that they have certain rights to confidentiality concerning the return of course papers and the posting of marks. Please pay careful attention to the options discussed in class at the beginning of the semester. Students are reminded that Academic Honesty is a cornerstone of the acquisition of knowledge. Scholarly integrity is required of all members of the University. Please consult the General Guidelines of the calendar for more details.

Revised January 2009