



Graduate Student Opportunities in Fluvial Geomorphology and Sedimentology at Simon Fraser University

On-going research focuses on:

- 1) Dynamics of bedrock canyons
- 2) Morphodynamics of vegetated sediment beds
- 3) Impacts of run-of-river hydro development
- 4) Morphology, sedimentology and dynamics of gravel-sand transitions
- 5) Bedform dynamics, fluid turbulence and coherent flow structures in sand-bedded river channels
- 6) Mechanics of large, tidally-influenced, sand-bedded coastal rivers and deltas
- 7) Application of hydro-acoustics to sediment transport monitoring in rivers
- 8) Flow and sediment transport dynamics in gravel-bedded streams

For further information see www.sfu.ca/~jvenditt/research.html

Full funding is available for all graduate student positions (2 years for masters and 4 years for doctoral) for students that do not have funding from external sources. I encourage inquiries from students of all scientific backgrounds, students with training in Physical Geography, Earth Sciences, Oceanography, Physics, Mathematics, Computer Science or Engineering.

Simon Fraser University sits atop Burnaby Mountain in British Columbia's lower mainland, minutes from downtown Vancouver and a variety of spectacular mountainous environs. Simon Fraser University has a long history of study in geomorphology and sedimentology and remains a stimulating environment in which to learn and do research. There is a large group of geomorphologists, sedimentologists, and hydrologists on campus in the Departments of Geography and Earth Sciences and strong collaborations between the River Dynamics Laboratory and geomorphologists at other local universities and industry.

For further information contact:

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