

## **Ge 192**

The key to prediction of earth and planetary surface dynamics is understanding the generation, movement, and deposition of sediment.

Successful morphodynamic prediction requires understanding transport mode separation into the bedload, suspended bed material load, and washload. Separation of the latter two modes remains a stubbornly difficult problem due to a lack of unambiguous mechanical definitions and conflicting perspectives on how to define concepts like washload.

This seminar will explore the literature on transport mode separation in river systems and attempt to address fundamental questions like: What is bedload? What is suspended load? What constitutes the bed material?

What is washload?