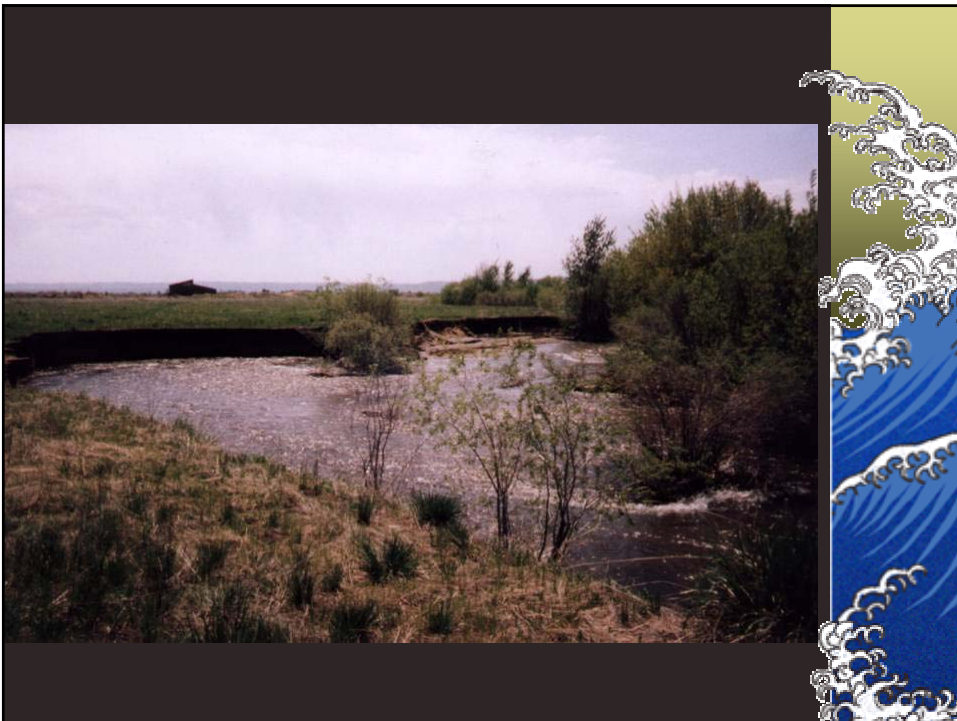
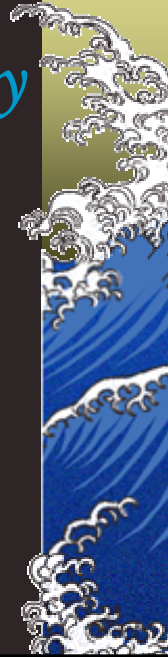
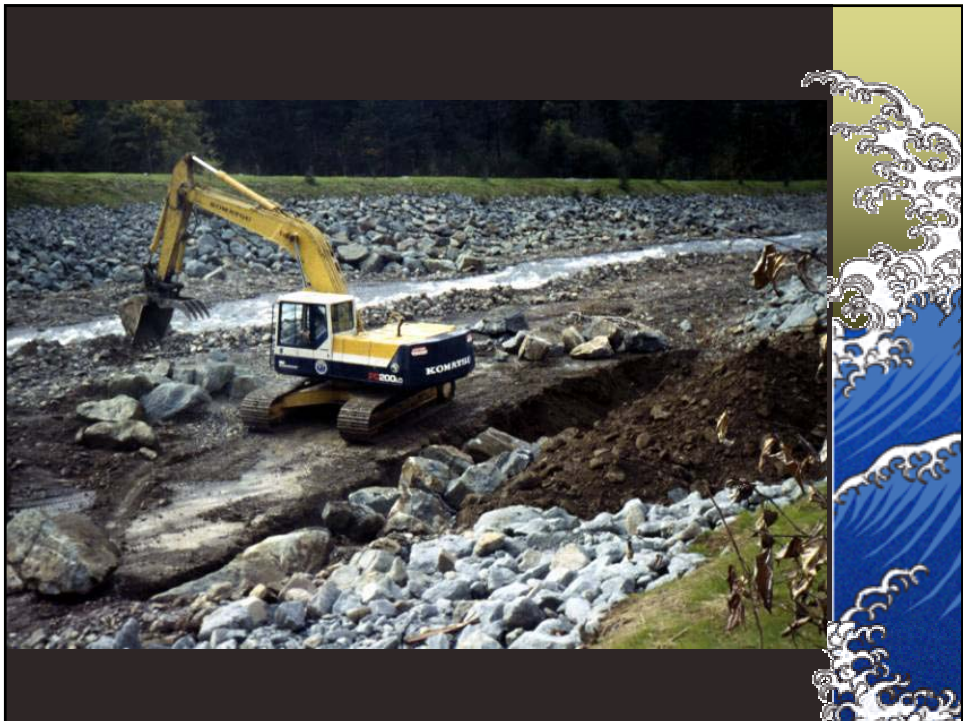
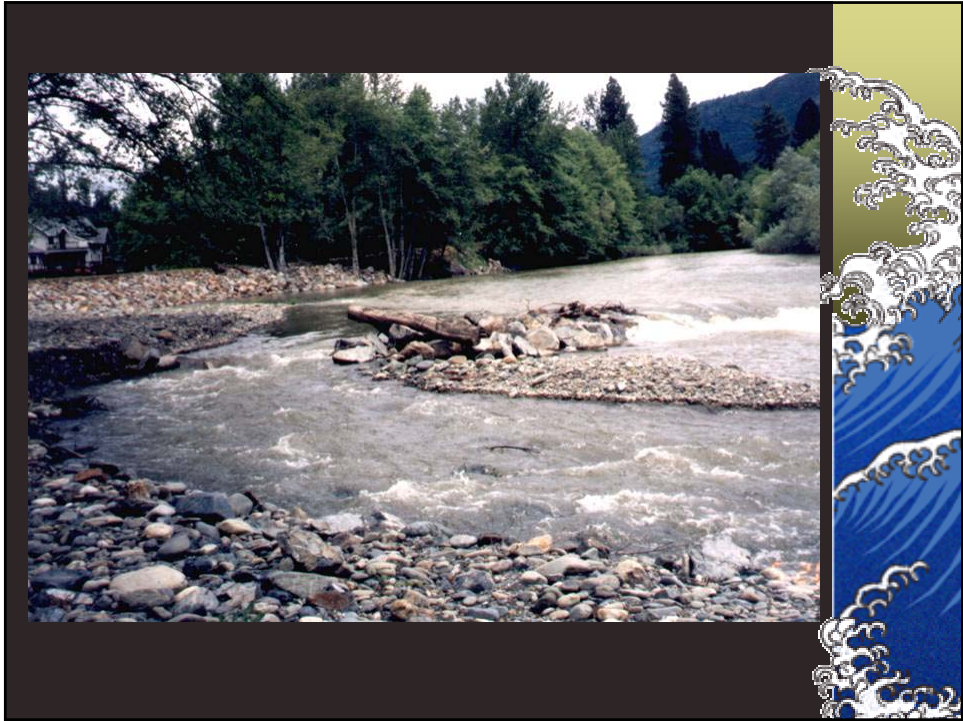
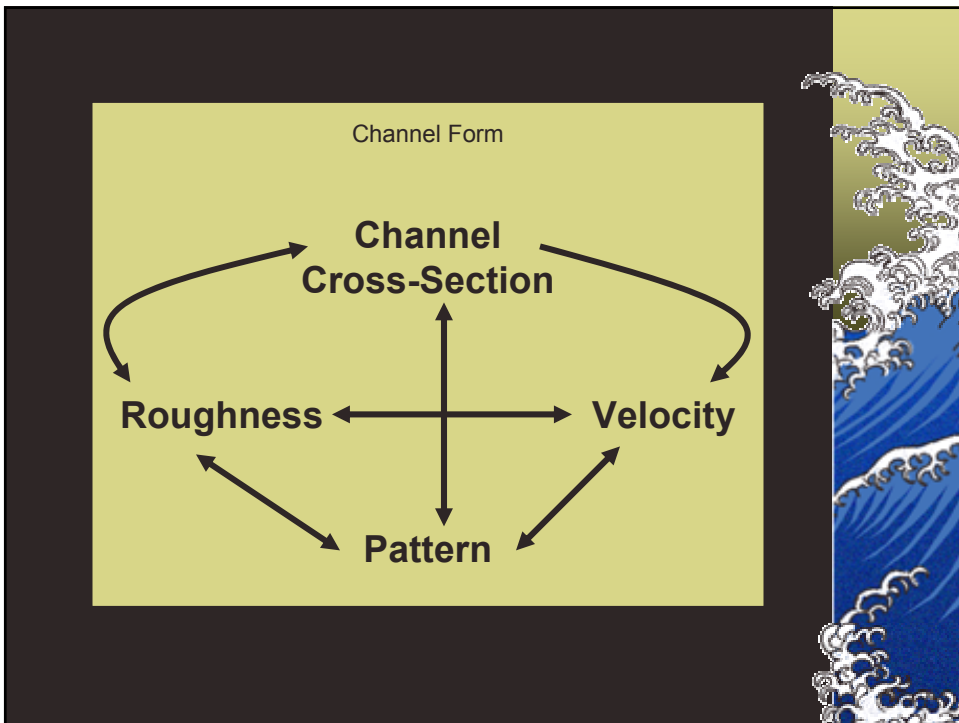
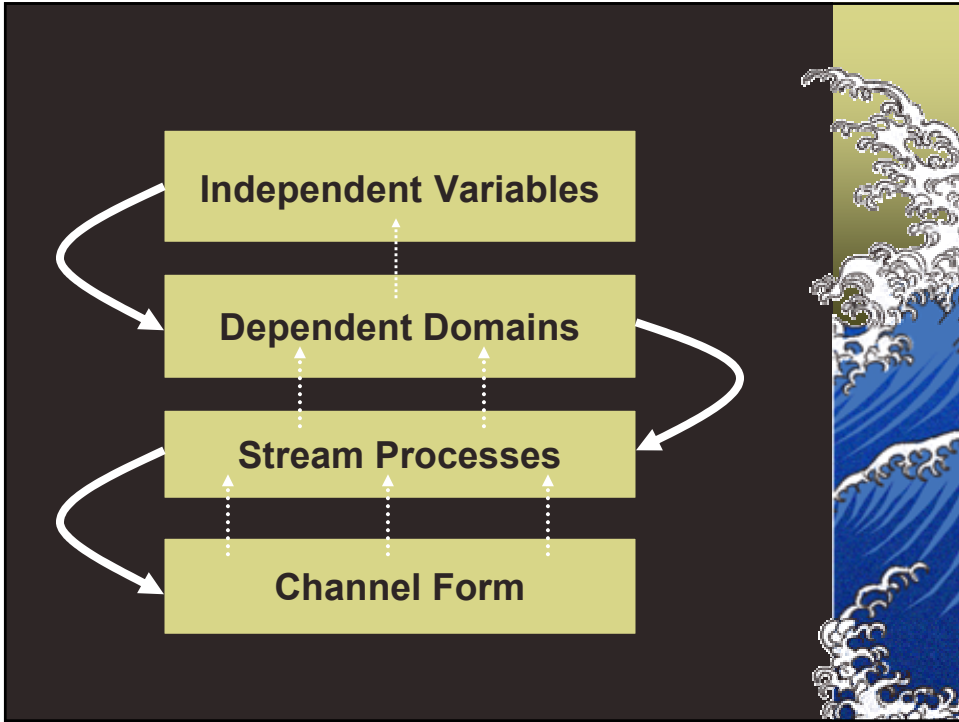


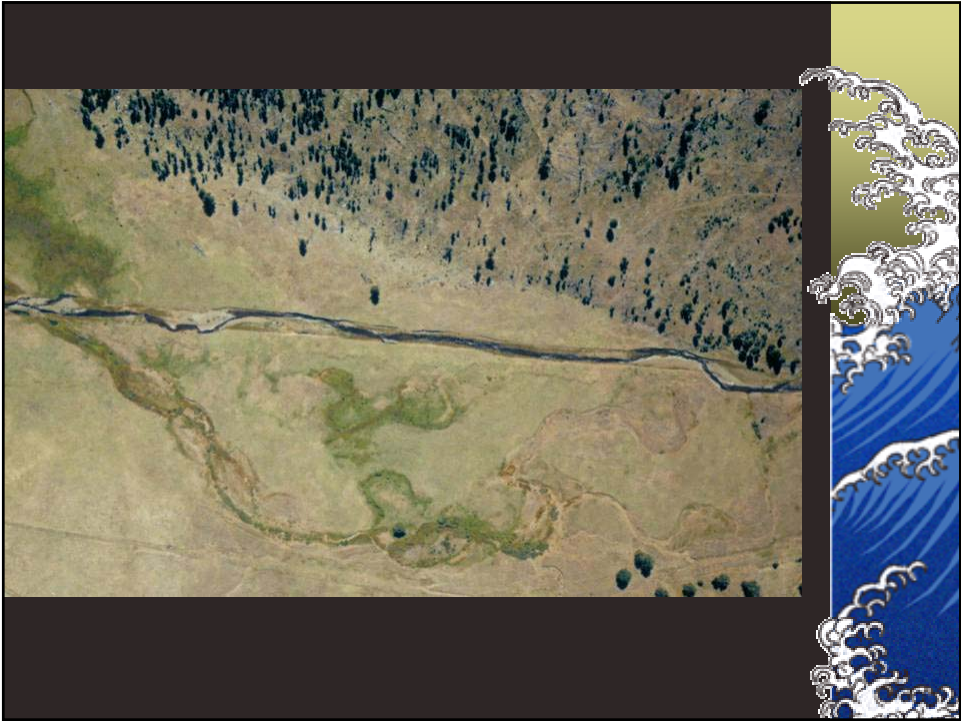
*Matching Channel Morphology
to Landscape Context:
Form Does Not Dictate Process*

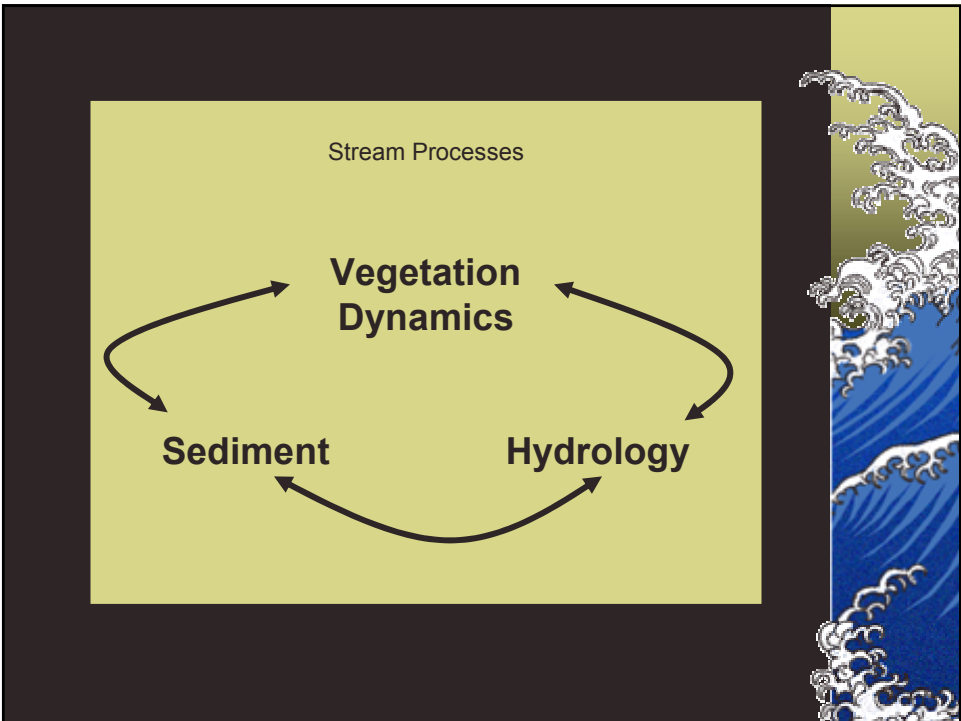
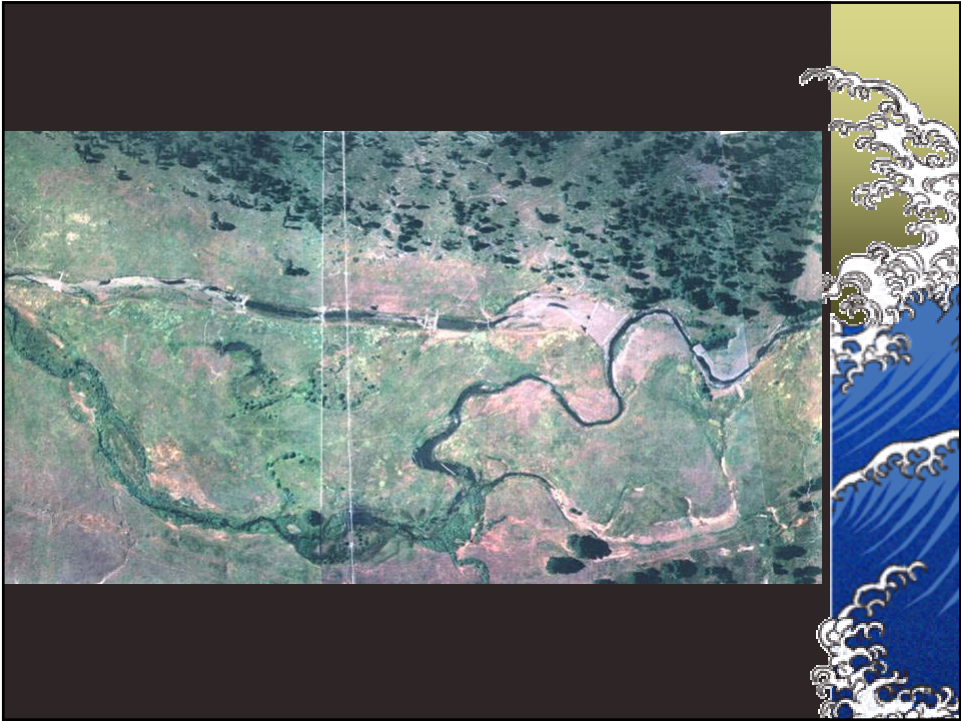
*Janine Castro, Geomorphologist
US Fish and Wildlife Service*



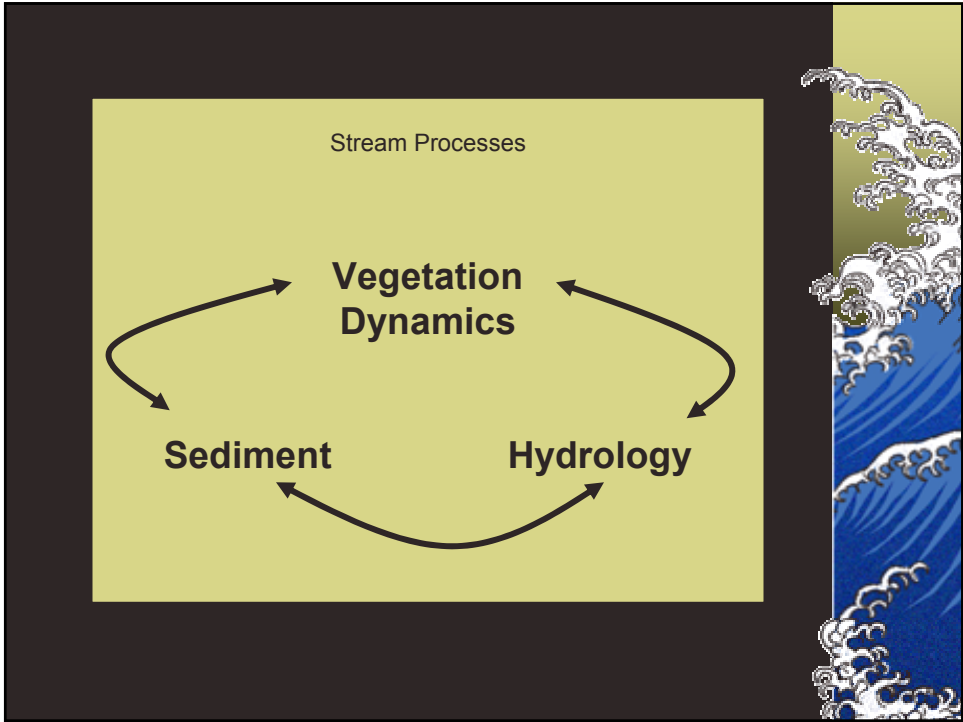




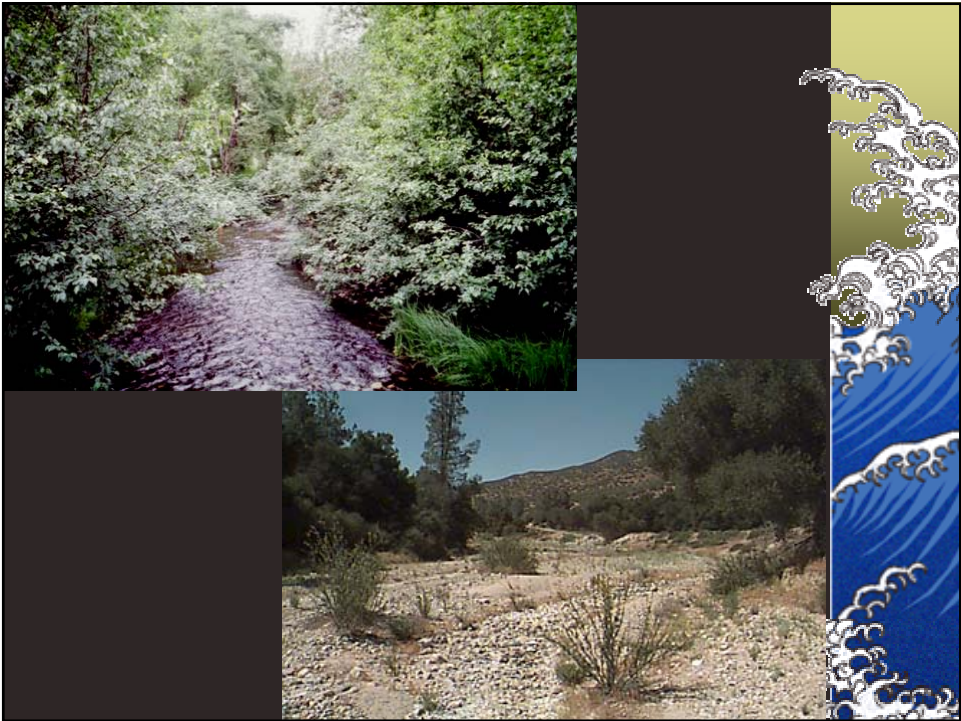
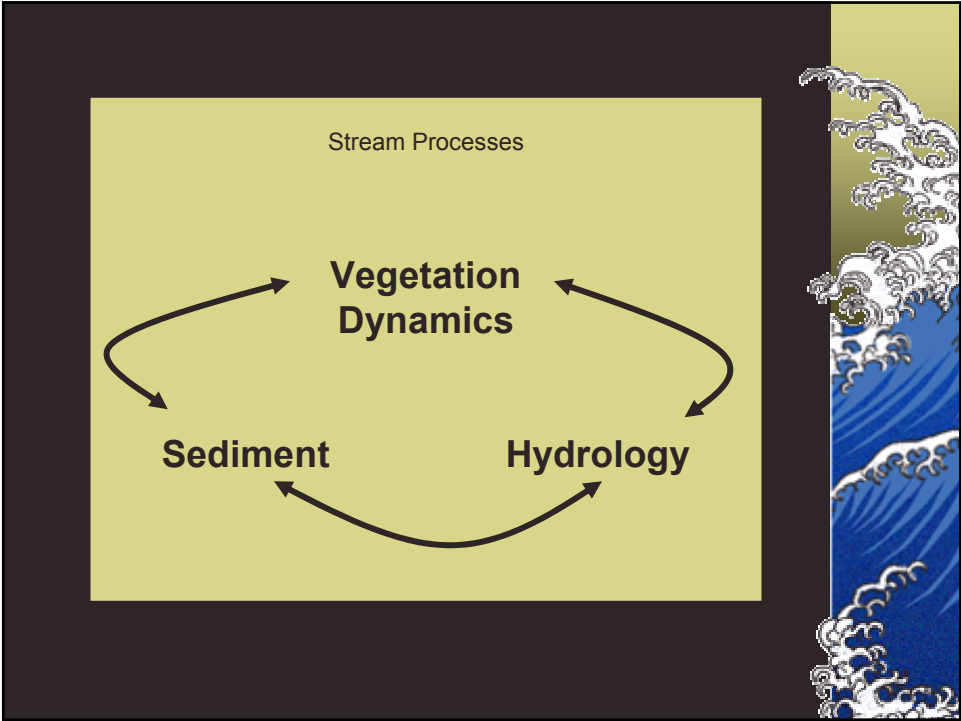




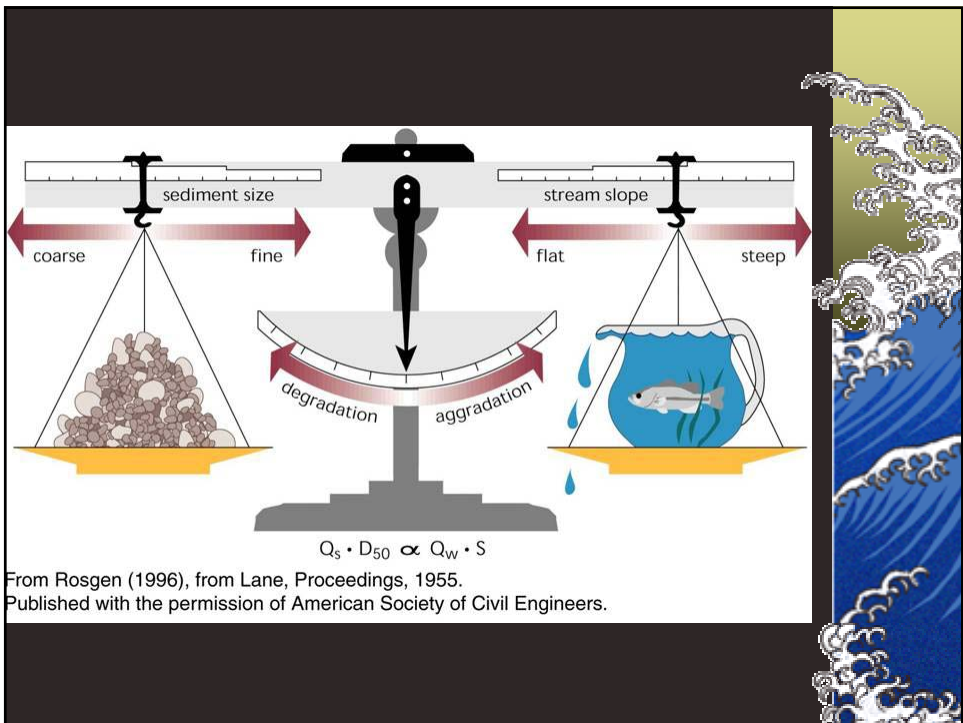
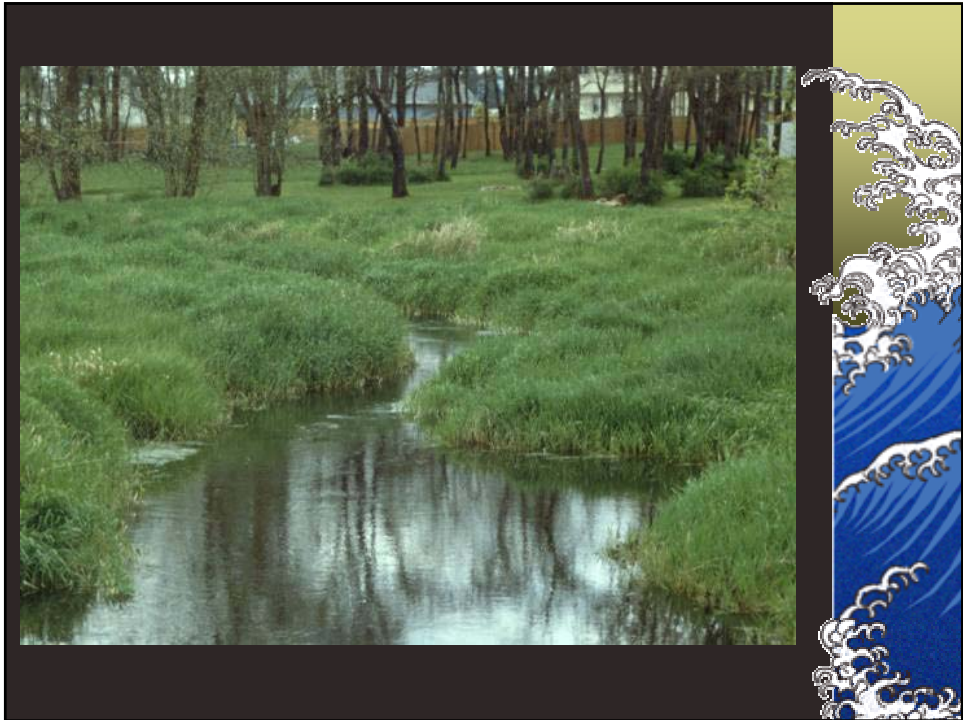


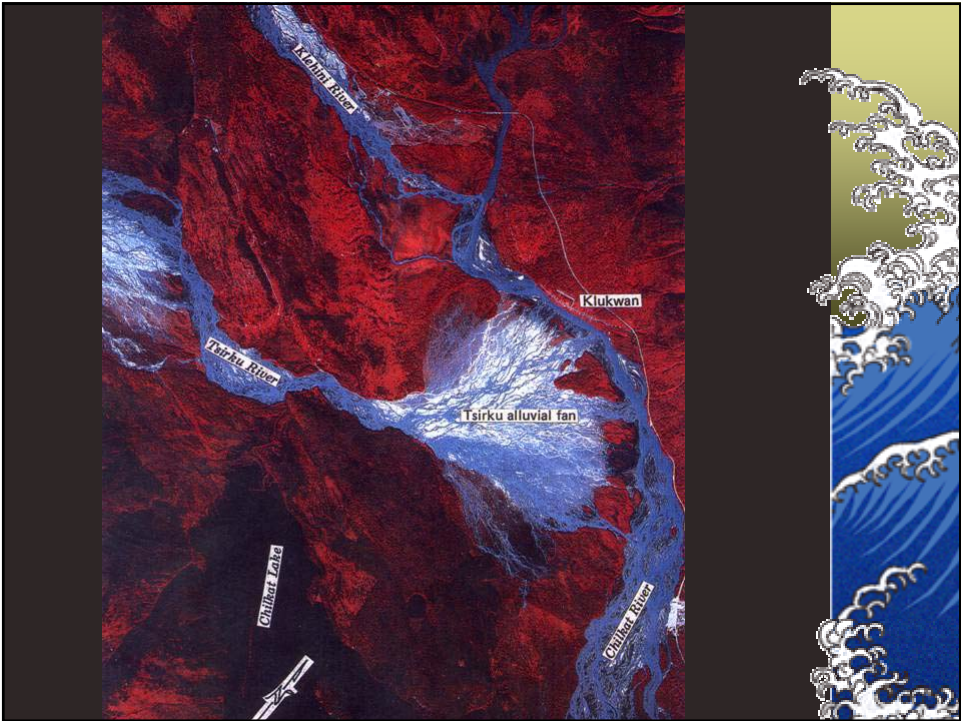
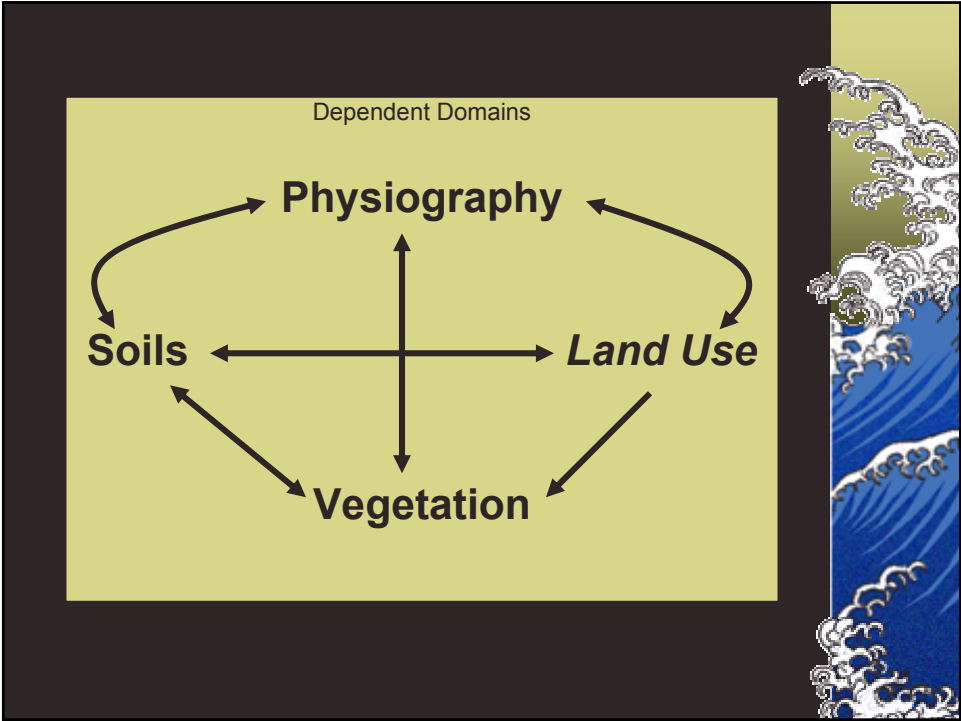


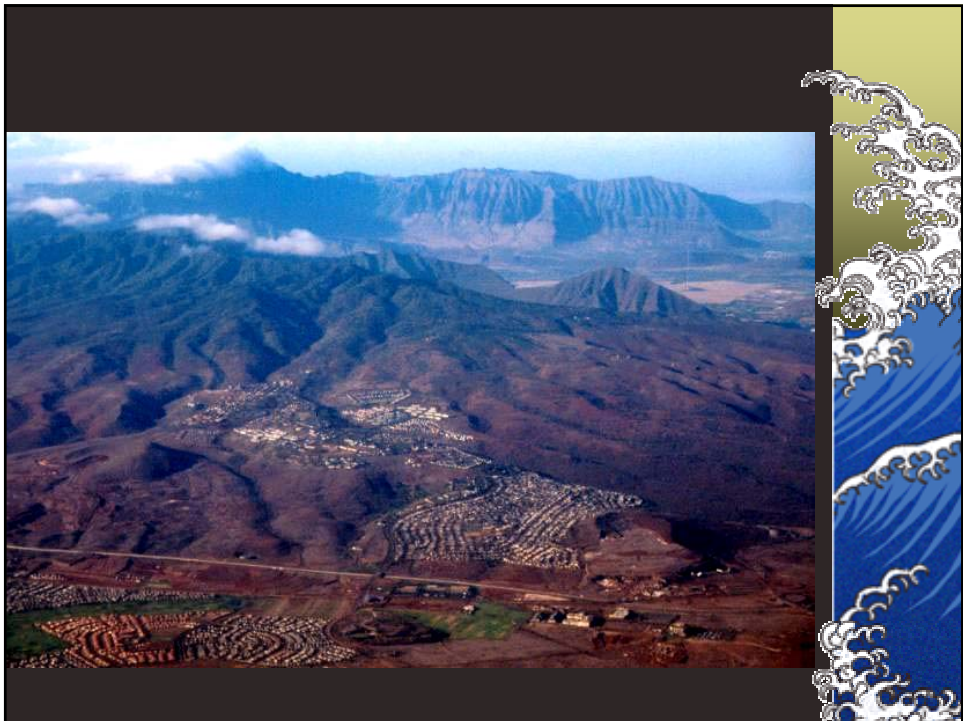
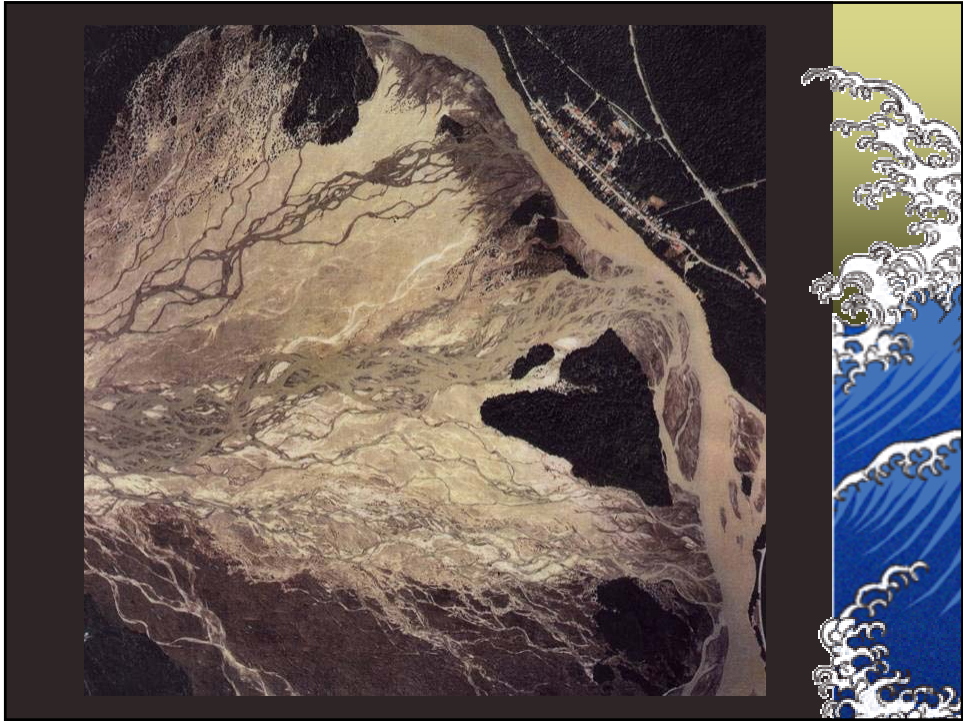


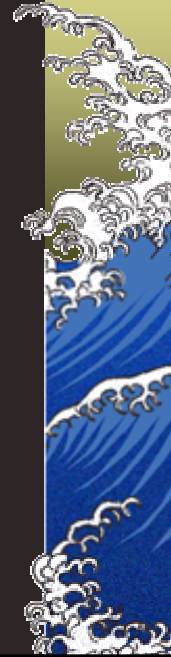






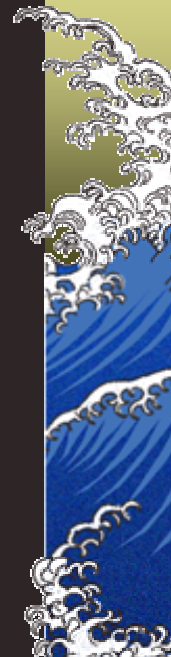


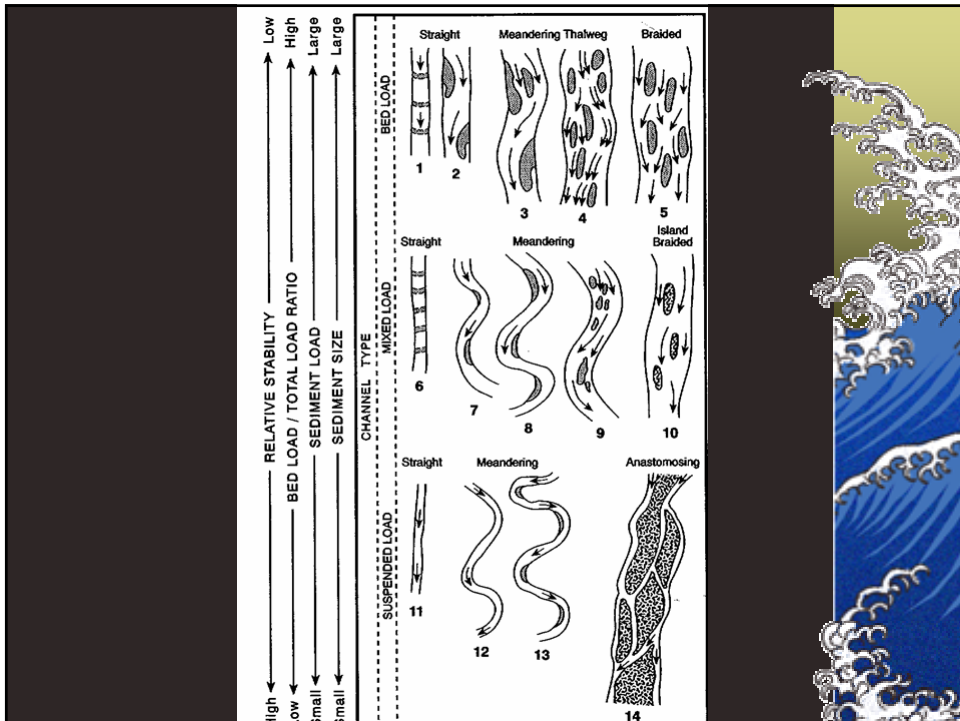
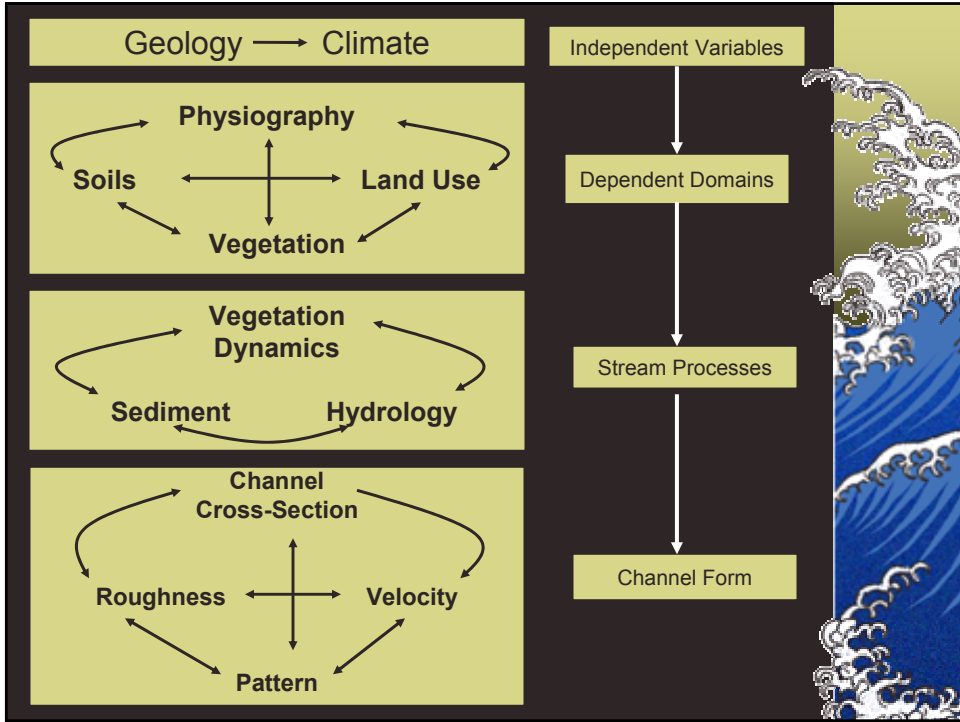




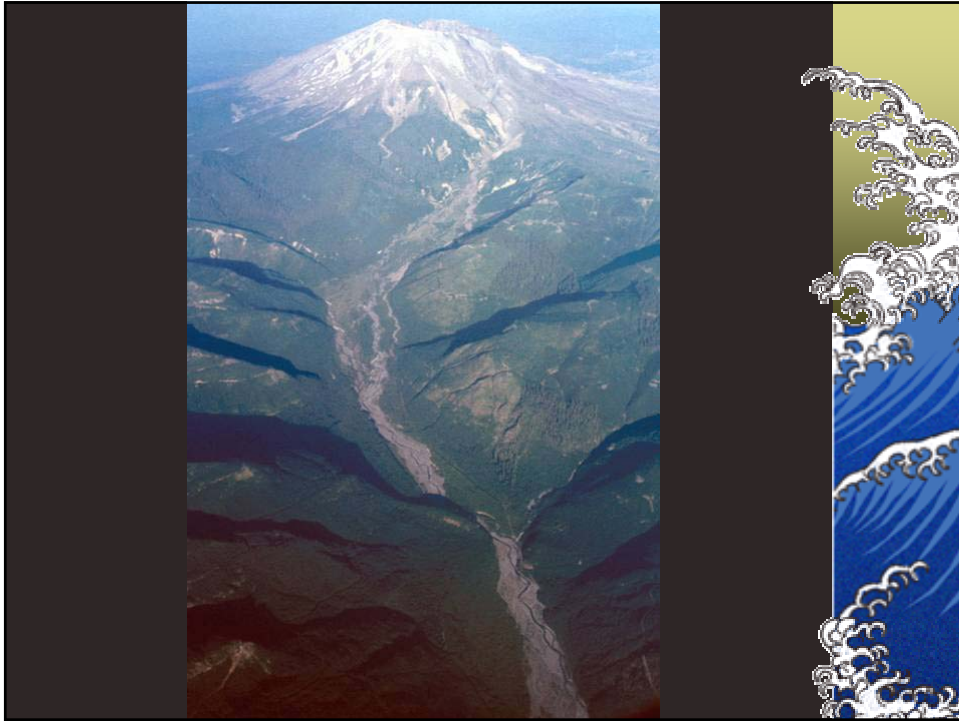
Independent Variables

Geology → Climate



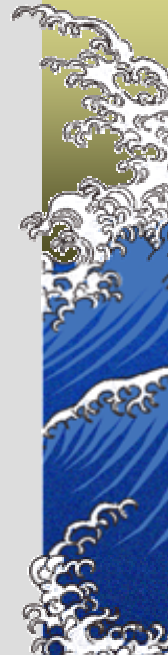






<i>Drainage Basin Variables</i>	<i>Status of Variables</i>		
	<i>During Designated Timespans</i>		
	<i>Cyclic</i>	<i>Graded</i>	<i>Steady</i>
1. Geology	Independent	Independent	Independent
2. Climate	<u>Independent</u>	Independent	Independent
3. <i>Land Use</i>	<i>Not Relevant</i>	<i>Dependent</i>	<i>Independent</i>
4. Physiography	Dependent	Independent	Independent
5. Soils	Dependent	Independent	Independent
6. Vegetation	Dependent	<u>Independent</u>	Independent
7. Hydrology	Dependent	Dependent	Independent
8. Vegetation Dynamics	Dependent	Dependent	Independent
9. Sediment	Dependent	Dependent	<u>Independent</u>
10. Form Variables (width, depth, pattern, roughness)	Dependent	Dependent	Dependent

After Schumm and Licity, 1965



*“The difficulty lies not in the new ideas,
but in escaping from the old ones.”*

John Maynard Keynes, 1936

