

The lectures will have some discussion that is not in the printed notes, and the printed notes will fill in more details - I suggest you use both resources.

- Lecture 1 - Introduction & Radiative balance
- Lecture 2 - Two-stream approximation
- Lecture 3 - Runaway greenhouse effect
- Lecture 4 - Ice-albedo feedback
- Lecture 5 - Carbon cycle
- Lecture 6 - Ocean carbon
- Lecture 7 - A simple river model
- Lecture 8 - St Venant equations
- Lecture 9 - Surface waves & introduction to sediment transport
- Lecture 10 - Bedload transport
- Lecture 11 - Suspended sediment
- Lecture 12 - Shallow ice approximation
- Lecture 13 - Mountain glaciers
- Lecture 14 - Ice sheets
- Lecture 15 - Marine ice sheets
- Lecture 16 - Sea ice