

# Patterns of tectonics and sediment fill in large complex foreland basin: Nanpanjiang basin of south China.



- Field characterization to determine basin fill patterns turbidite fan systems (facies, timing, direction).

- Use petrography and detrital zircon analysis to evaluate source areas

- Evaluate impact of turbidite fill on the evolution of carbonate platforms.

- Basin wide perspective on platform carbonates and basin siliciclastic systems evolution

