Linked river processes tied to restoration approaches

Flow regime impacts biota by determining:
- Where species occur
- Which species interact

Ecosystem processes impact biota by affecting the food web and other factors, and the biota in turn impacts ecosystem processes

Flow regime impacts ecosystem processes by determining:
- Delivery, movement, and accumulation of nutrients and organic matter
- Decomposition and other microbial dynamics

So what?
Rivers worldwide have been altered. To restore riverine ecosystems we must understand how flow, biota, and ecosystem processes interact in a dynamic and changing system.

This synthesis informs approaches to Delta and watershed restoration that are integral to the goals set forth in the Delta Plan.