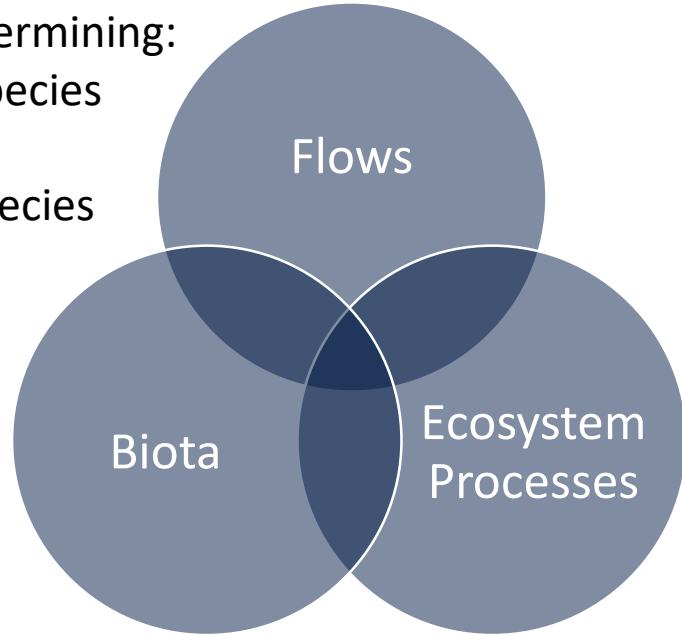




Linked river processes tied to restoration approaches

Flow regime impacts biota by determining:

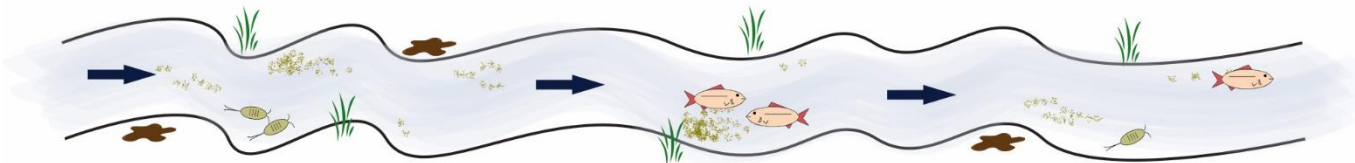
- Where species occur
- Which species interact



Flow regime impacts ecosystem processes by determining:

- Delivery, movement, and accumulation of nutrients and organic matter
- Decomposition and other microbial dynamics

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



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.