

# Needs summary

<b>SALMON BENEFITS MODEL</b>	<b>HABITAT SUITABILITY APPROACH</b>
Evaluate in-river lateral fish distribution and behavior, and relative entrainment rates at flood basin weir locations. Consideration of differing channel geometries, river reaches, and adjacent habitat types	Use and/or preferences for depth and cover type within floodplain environments
Evaluate juvenile salmon movements and residence times in flood basins	Connectivity and conveyance features and how they affect access, movement, and survival
Evaluate relative rearing survival rates of fry, parr, and pre-smolt life stages in flood basins, including conveyances and outlet, and the river channel	Evaluate managed field operations – fish access/egress passage
Reconcile caged fish growth study rates with free-swimming growth and survival	
Determine if larger size translates to higher survival in Delta and/or ocean (population-level effect)	