



# DAMS: FUNCTIONS AND INTERDEPENDENCIES

This infographic highlights how Dams Sector functions are interdependent with other critical infrastructure sectors. Many dams simultaneously support multiple functions. Identifying these interdependencies can inform owners and operators on water management and other downstream effects.



## DAMS: WATER MANAGEMENT

Dam operations frequently fluctuate at hydroelectric and flood-control dams (daily, weekly, monthly, and with seasonal river flowrates). This directly affects:

- Ecosystem health
- Flood protection
- Hydropower
- Navigation
- Water-based recreation
- Wildlife habitats



For example, water management decisions at dams along the Colorado River can affect water and power provisions, water depth and temperature, animal habitats, and aquatic ecosystems within the Colorado River Basin.