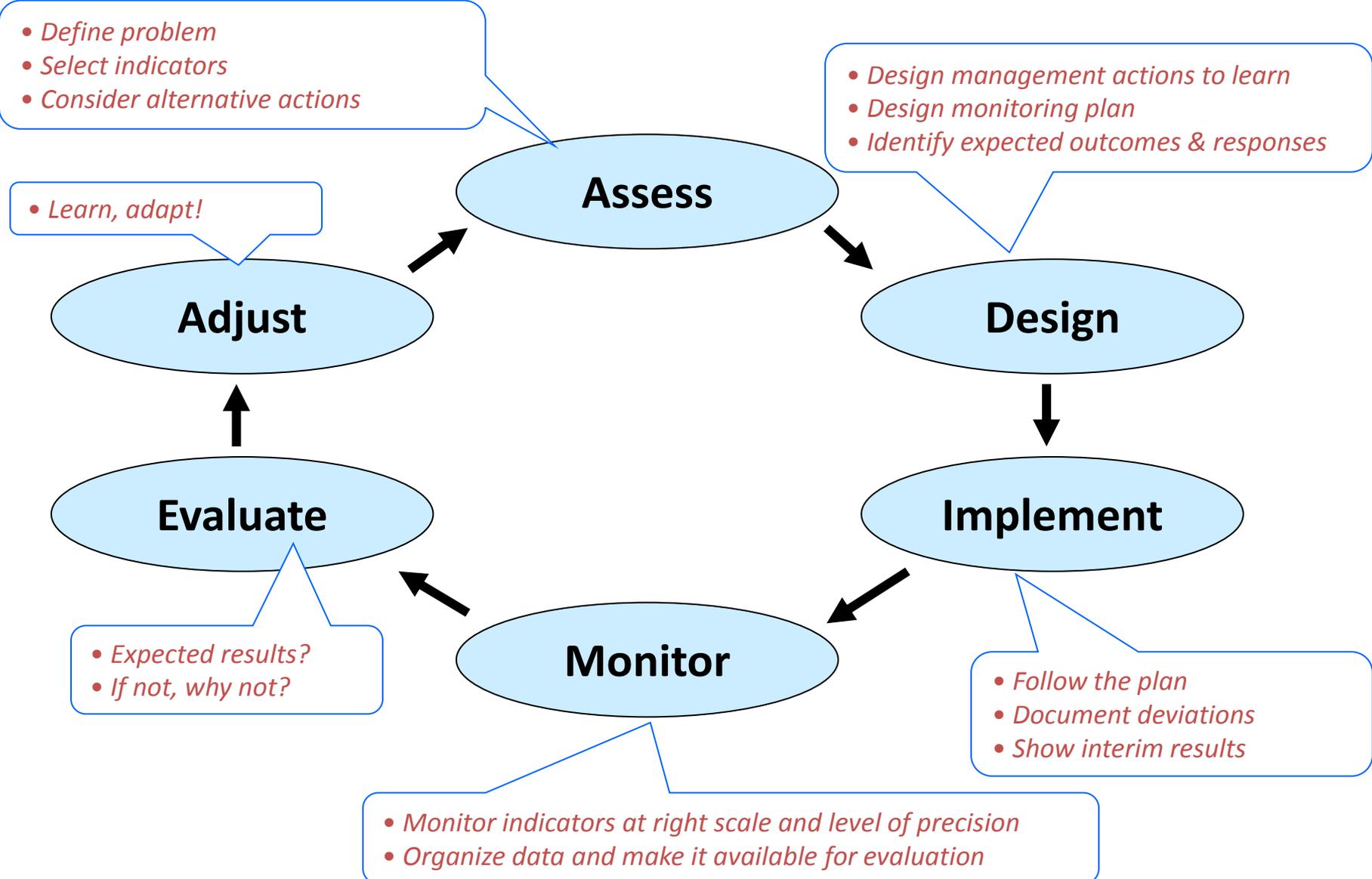
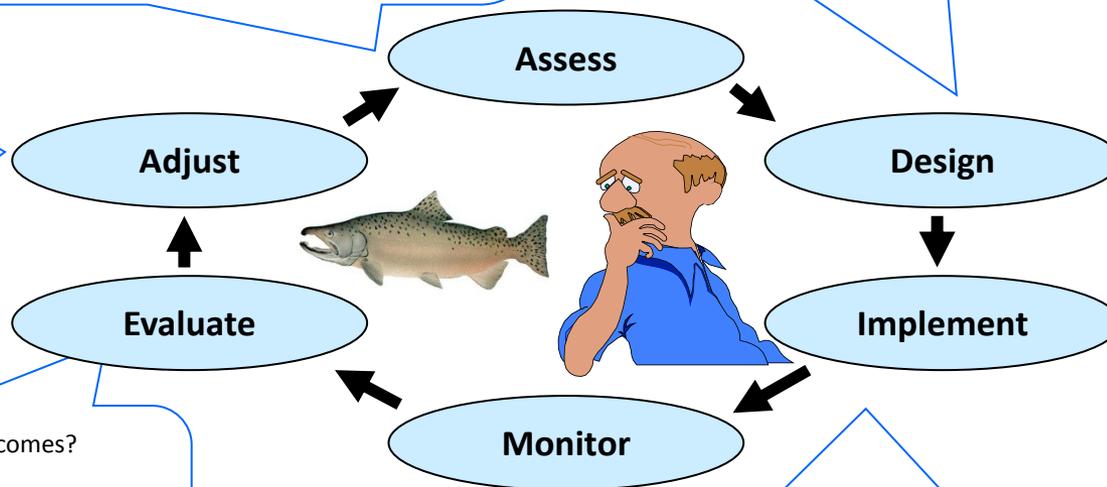


The Six Steps of Adaptive Management



- Validate pre-1995 Chinook spawner data (M&E/AM)
- Better understand current and future cumulative threats affecting survival and recovery, and potential remedies (MHab, FHab, MPCl, HCWT, Harv, CC)
- Improve communication & partnerships, involving all interested parties in recovery of SBC Chinook, and incorporating TEK (MHab, FHab, MPCl, C&P)
- Review current enhancement practices vs. prioritized objectives, assess risks and benefits, identify needed improvements (HCWT)
- Improve quantitative tools for evaluating risks and benefits of potential actions, identify key uncertainties (MHab, FHab, MPCl, HCWT, Harv)

- Update model assumptions of natural mortality (MHab, CC)
- Design actions to protect / restore habitats, reduce threats, adapt to climate change and mitigate unavoidable impacts (MHab, FHab, CC)
- Design M&E for intended actions, and to provide better information on stock status and trends (MHab, FHab, Harv, HCWT, CC, M&E/AM)
- Design adjustments to harvest and enhancement to better meet prioritized objectives (Harv, HCWT, CC)



- Adjust actions, monitoring models, or hypotheses as required, reassessing implications for prioritized objectives [all strategic domains]

- Did actions cause predicted outcomes?
- If not, why not?
- Should actions, monitoring, models or hypotheses be adjusted?
- Or is more time required to assess effects? [all strategic domains]

- Monitor pathogens/disease in hatcheries, salmon farms, hatcheries (MHab, CC)
- Monitor river temperature, upstream migration, reproductive success (FHab, CC)
- Monitor effectiveness of actions to improve habitat, harvest and hatchery management (MHab, FHab, HCWT, Harv, CC, M&E/AM)
- Monitor status and trends of CUs, progress toward WSP targets (CC, M&E/AM)
- Manage data well to support rapid presentation of interim results and evaluation of data for decisions (M&E/AM)

- Support strong regulation, monitoring and mitigation of development impacts (MHab, FHab, CC, MPCl)
- Implement actions designed to protect & recover habitat, and to improve survival (MHab, FHab, CC)
- Implement designed changes to harvest & enhancement (Harv, HCWT)
- Document deviations from designed actions

Marine Habitat and Ecosystem (MHab)
 Freshwater Habitat (FHab)
 Major Projects / Cumulative Impacts (MPCl)

Hatcheries and CWT (HCWT)
 Harvest (Harv)
 Climate Change (CC)

Monitoring & Evaluation/Adaptive Mgmt (M&E/AM)
 Communication and Partnerships (C&P)