

The 4 Cs Summary: Clarification, Compliments, Concerns, Changes

Scenario	Clarification	Compliments	Concerns	Changes
Scenario 1	Regional verses local. What does 5% decline actually mean for salmon? ID winners and losers. Pop increase would be coupled with PUF increase.	Reasonable. Mild climate = retirees. Local population and jobs good to consider. Good to couple pop change with PUF change	Would pop increase from retirees lead to inc. sport fishing? PUF driven by Anc/MatSu. Not realistic because climate is underplayed and oil/gas still globally important. Is July temp the best master/indicator?	Retirees separated from economy/tourism. Reduce comm fish in this scenario. Highlight shift to new economy. Look at statewide population instead of local.
Scenario 2	Would population actually increase with new oil/gas development? Might add to sport fish pressure. Would increased income reduce PUF? When is oil/gas development happening? Define 'interest'.	Realistic, LNG makes this plausible. Most realistic except sport and personal use may not decline together.	Don't agree with PUF and SF decline, only one will lose. Should include fire regime and runoff. Tie into global impacts? Boom and bust? Reconcile population as high vs. medium. Reconcile ocean acidification.	Interest doesn't decline but conservation can be implemented. Add subsistence. Economic development not necessarily bad for environment. Comm fish declines with SF and PUF increases. Could be more interest in non-salmon fishing. Include climate refugees? Include rural native communities as energy refugees.
Scenario 3	Would moderate climate increase and increased pop counteract each other? What's driving the pop increase? Why regional and local pop increases?	Quality of life well represented. Worse case scenario for non-business owner. Fishing retirement destination a good idea, like the increases in cabins. More logical and reasonable than Scenario 1 and Scenario 2.	What would MatSu pop increase do to habitat on KP? How would MatSu climate change impact KP? Where will everyone live? Include more focus on impact to public lands. Small stream matter? 50 buffer contentious.	PU fisher would increase with larger ANC pop. PU could be capped by 2050. Comm fish decreases. Include new infrastructure to accommodate new pop. Does fishing become so saturated that people stop coming? Could this include golf courses and strip malls? Include climate refugees. Ocean conditions won't be stable. Think about urban refugee effect.
Scenario 4	Would there be a shift towards hatcheries? Define retirement pop. Would a decrease in salmon result in less people? Define 'interest'. NPO vs. PDO.	Seems possible, but new industries not possible. Non business people win.	If salmon declines, would people live here? AK subsistence law could be driver. What is driving economy? Decreased interest in fishing has long term consequences on regulations and tourism/image of AK. Restrictions on fish take for personal use. NPO return may not occur due to increased warming.	Don't think sport fish interest will decrease (catch and release like ID). Comm fish could shift from resident to nonresident permits. Increase hatchery production. Could include exodus of people and/or increased resource extraction. Tax changes to attract industry could be included. EConom development won't stay the same, it will increase but maybe by other industries. No decrease in interest in fishing, just will shift species. Think outside of box...Kenaitze use some spawned fish as resource in the past.
Scenario 5	What are existing plans for economic development? Is there stability in local population?	Likely given projected timeline of LNG and CBS. Opportunity for agriculture. Fishery information seems realistic. Might provoke fisheries management?	Should maybe include stocked fish? LNG is existing plan so should be considered. People will change what they are fishing for. Be consistent with percentages and "moderate" rate of change table.	Inaccurate, decline in food of 10% will lead to decline in fish. Comm fish will decline with increased pressure. Include climate refugees. Population will increase. Need more severe scenarios. Consider extending PUF into fall or opening earlier. PUF needs to be low or moderate.