

Appendix 4: Interview Questions

There are two sets of research questions, the first is for agencies and resource managers, while the second is for community members.

4.1 Interview questions for agencies and resource managers

Overview/introduction:

1. Can you describe this place (these places) and your connection to this place (these places)?
 - a) What role does your agency play in managing or influencing groundwater, spring, or freshwater influenced systems?
 - b) What are the goals and objectives of your agency in managing these systems?
 - c) What kind of influence do you think your agency 's management has on these systems?
2. What other key agencies, community groups, or people play a role in this place?
3. What do you think matters for the health of this place?
4. Are there living resources found here that are important for the community? Algae, fish, invertebrates (vana, limpets, 'ōpae)?
5. Do you think springs and other freshwater matter for this place? If so, how?
 - a) Do you know any names for the waters found in this area? If so, are there those that you would like to share?
 - b) Are there particular fish, algae/limu, or inverts that need fresh or brackish water during their life cycle here?
6. Have you heard the term “groundwater dependent ecosystem” or GDE? If so, does it resonate with you?

General uses and values

7. What makes these systems important for your agency and the community? How do people use, value, and care for this place?
 - a) Do these systems support livelihoods? If so, how?
 - b) Do these systems support social connections in the community? If so, how?
 - c) Do these systems support cultural practice and values? If so, how?
8. How do you think people's connection and use of groundwater dependent systems (fresh water influenced systems) has changed throughout time (your lifetime and before)?
 - a) Do you know of any historical uses of these systems? Do those uses continue today?
 - b) In what other ways do you think use and care for this place has changed?
 - c) What role do you feel that land and water management decisions have had on these systems in the past and currently?
9. Have you noticed any changes in the amount, quality, or location of freshwater?
 - a) Do you know of any historical changes in the amount, quality, or location of freshwater?
10. Have you noticed any changes in the algal or animal life in these systems?
 - a) Do you know of any particular species to be indicators of water quality or other changes in the system?
11. Do you see any threats to the health of this place and peoples' connection to it? If so, what?
 - a) What role do you see the quality and quantity of water playing in this? If so, what do you think has caused this change?

- b) What, if anything, would you like to see changed to improve management/care of this place?
12. What vision does your agency have for the future of this place? What would you like to see?

Conclusion

13. Is there anything else you would like to share?
- a) Is there anyone you can refer me to who may be willing to share knowledge of these or similar places?

4.2 Interview questions for community members (anyone not associated with an agency or acting as a resource manager)

Overview/introduction:

1. Can you describe this place (these places) and your connection to this place (these places)?
2. What key agencies, community groups, or people play a role in this place?
3. What do you think matters for the health of this place?
4. Are there living resources found here that are important to you or your community? Limu, fish, other animals (vana, limpets, 'ōpae)?
5. Do you think springs and other freshwater matter for this place? If so, how?
 - a) Do you know any names for the waters found in this area? If so, are there those that you would like to share?
 - b) Are there particular fish, algae/limu, or other animals that need fresh or brackish water during their life cycle here?
6. Have you heard the term “groundwater dependent ecosystem” or GDE? If so, does it resonate with you?

General uses and values

7. What makes these systems important for you, your family and the community? How do people use, value, and care for this place?
 - a) Do these systems support your, your family, or the community's livelihoods? If so, how?
 - b) Do these systems support social connections in the community? If so, how?
 - c) Do these systems support cultural practice and values? If so, how?
8. How do you think people's connection and use of these fresh water influenced systems (fresh water influenced systems) has changed throughout time (your lifetime and before)?
 - a) Do you know of any historical uses of these systems? Do those uses continue today?
 - b) In what other ways do you think use and care for this place has changed?
 - c) What role do you feel that land and water management decisions have had on these systems in the past and currently?
9. Have you noticed any changes in the amount, quality, or location of freshwater?
 - a) Do you know of any historical changes in the amount, quality, or location of freshwater?
10. Have you noticed any changes in the algal or animal life in these systems?

- a) Do you know of any particular species to be indicators of water quality or other changes in the system?
11. Do you see any threats to the health of this place and peoples' connection to it? If so, what?
- a) What role do you see the quality and quantity of water playing in this? If so, what do you think has caused this change?
 - b) What, if anything, would you like to see changed to improve management/care of this place?
12. What vision do you or your community have for the future of this place? What would you like to see?

Conclusion

13. Is there anything else you would like to share?
- a) Is there anyone you can refer me to who may be willing to share knowledge of these or similar places?