Node	Code Name	Description and examples	Corresponding Interview Question(s)
1.0	Background of interviewee and project		Can you give an overview of your background and how you came to be involved in research using systems science methods?
1.1	Description of project		Could you tell us about a participatory systems science project you worked on somewhat recently?
1.2	Project objective		What was the objective of the project?
1.3	Systems science method(s) used	This should be used to capture discussion about the *specific kinds of methods used* – for example, causal loop diagramming, system dynamics, agent-based modeling, network analysis. Can also capture methods that are adjacent and/or used to get inputs for the systems science methods, such as surveys or qualitative interviews.	What specific systems science methods were used?
1.4	Who was engaged	This should capture the individuals who were engaged as part of the participatory project (community members, coalition leaders, policymakers). We'll use this to characterize the full breadth of folks engaged.	What types of individuals were on the project team (what types of researchers and practitioners) and how did you engage them?
1.5	Purpose of engagement	This should capture *why* participatory approaches were used in the project. Some of this may be overlapping with the project objective, but what we are looking for here is the information to capture the full spectrum of engagement, from things like 'mapping the full system' to 'using the final agent-based model'.	
2.0	Benefits of using participatory systems science		Reflecting on this process, can you talk about the benefits you observed?
2.1	Benefits to researchers	All large chunks of text where respondents discussed their perceived benefits of participatory systems science work *to researcher/projects*.	What do you think were the benefits for researchers?

		Note: we will later use these responses to identify different themes of benefits to researchers.	
2.2	Benefits to implementers	All large chunks of text where respondents discussed their perceived benefits of participatory systems science work to those that were involved in the project – whether that be community members, implementation leadership, or policymakers. Note that this discussion of benefit will vary based on who was involved. For community members, what was the benefit to them of participating? For policy makers, what was their benefit?	What do you think were the benefits for practitioners, those on the ground of implementation?
3.0	Facilitators of participatory systems science	Things that respondents talked about that made their work easier. Some examples include the intuitiveness of systems science methods (people do inherently understand complexity) or prior engagement and relationships with folks.	What things made it possible (easier?) for those benefits to come about?
4.0	Challenges and barriers to participatory systems science	This captures the variety of difficulties that folks talked about that made their work more difficult. In initial coding, it was often difficult to distinguish between barriers to getting the benefits of participatory systems science, and challenges to systems science methods in general. We opted to combine them and perhaps parse out differences later on when we look for broader themes. Examples include the time and effort required for high-quality, sustained engagement, data needs, buy-in, or participant understanding.	What things made it or could have made it harder to get to those benefits? Can you talk a bit about the difficulties of engaging in participatory systems science work, and tradeoffs between these difficulties and benefits you've discussed?
5.0	What is needed to advance participatory systems science		What is needed to move the field forward so that more projects can use participatory systems science methods and get the benefits you described?
5.1	Ideas for products needed		Ideas for products created by researchers?
5.2	Ideas for engagement strategies		Strategies for engaging partners?

5.3	Ideas for changing research infrastructure		Changes to research infrastructure (funding, longer project timeframes)
6.0	Other things important to know	Responses varied widely here – and often were related to previous interview questions where the respondents went back and talked about other facilitators, barriers, products, etc. This may not end up being a useful standalone quote and instead most answers here might be absorbed into other codes.	In our last few minutes, what haven't we asked about that you think is important for us to know and communicate as we think through our results?
7.0	Good quotes	Used to pull out nice phrases that we want to use to highlight specific themes.	n/a
8.0	New ideas	Use as needed for things that are interesting/possibly useful for future work and ideas, but not relevant to our goals here.	n/a