# **Methods for processing survey data**

Question 4: How are you involved in kelp forest-related issues?

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| **Summary** | **N** | **Responses** | **Edits** |
| If “other” text response includes urchin culling or urchin removal, add or extend 'harvesting or fishing or growing' answer | 4 | purple urchin removal, all sizes, Caspar, Calif.  Urchin Culling  Urchin culling  culling urchins | Harvesting or fishing or growing:Urchin removal |
| If “other” text response involves citizen science, volunteer diving associated with ReefCheck (but does NOT mention urchin removal), add or extent ‘Research’ | 6 | citizen science  Data Collection  RC volunteer Diver  Citizen science  Surveys as citizen science  kelp forest surveys  NA\*\* | Research:CitSci Kelp Forest Surveys |
| If “other” text response involves teaching, education, etc. add or extend “Advocacy or outreach” answer | 5 | Education  Teaching  outreach docent  Film, photography, media  Media film | Advocacy or outreach:… [extra text provided] |
| If “other” text related to policy, governance, add or extend “Environmental management” | 2 | Science-to-policy; policy development  Government | Environmental management:Policy development  Environmental management:Government |
| Individual response adjustments | 6 | Supporting restoration diving operations  Otter research  Involvement as related to sea otter research  Mitigation monitoring  Data collection  Experimental Restoration | People management:Supporting …  Research:Otter research  Research:Otter research  Research:Mitigation monitoring  Research:Data collection  Research:Experimental restoration |
| Keep “other” text as a unique response | 5 | Volunteer  Volunteering in kelp restoration  ex situ preservation of kelp gametophytes (biobanking) Restoration  Restoration and Stewardship | Volunteer (NGO)  Restoration volunteer (NGO)  Kelp gametophyte bio-banking  Restoration  Restoration and Stewardship |

\*\*R\_7upUSPV19KS9FVh is a ReefCheck volunteer who is routinely involved in kelp forest-related issues. They selected Environmental Management / Other (Donations), but in their answer to question 9 they put that they directly observe conditions and collect or analyze data. I added ‘Research:CitSci Kelp Forest Surveys’ to their response.

\*\*R\_61dpMIWMs89lZLY is a Giant Giant Kelp volunteer who is routinely involved in kelp forest-related issues. They selected only Other (supporter), but in their answer to question 9 they put that they directly observe conditions and collect or analyze data. I added ‘Research:CitSci Kelp Forest Surveys’ to their response.

Explanations for where I kept “other” text as a unique response:

* Volunteer: Reef Check volunteer, did not report collecting data or observing conditions
* Restoration volunteer: collaborates with Giant Giant Kelp and is occasionally involved in kelp-related issues. In their answer to question 9 they put that they directly observe conditions, but did not report collecting or analyzing data. I suspect that they conduct urchin removal, but cannot confirm from the survey.
* Restoration / Restoration and Stewardship: this may encompass some or all of the activities listed, helpful for SEN to know that they participate in restoration activities