**Survey on the use of engineered microorganisms for environmental restoration**

Question 1: Your age? [single-choice question]

|  |  |  |
| --- | --- | --- |
| Choices | Sum | Proportion |
| Under 18 | 107 | 20.78% |
| 18-25 | 37 | 7.18% |
| 26-30 | 47 | 9.13% |
| 31-40 | 99 | 19.22% |
| 41-50 | 169 | 32.82% |
| 51-60 | 35 | 6.8% |
| Over 60 | 21 | 4.08% |
| Valid answers | 515 |  |

Question 2: Your gender? [single-choice question]

|  |  |  |
| --- | --- | --- |
| Choices | Sum | Proportion |
| Male | 199 | 38.64% |
| Female | 316 | 61.36% |
| Valid answers | 515 |  |

Question 3: Your province? [fill-in-the-blank answer]

Please download the data to get choices.

Question 4: Do you think your health has a lot to do with the environment? [single-choice question]

|  |  |  |
| --- | --- | --- |
| Choices | Sum | Proportion |
| Very close relation | 347 | 67.38% |
| Close relation | 106 | 20.58% |
| Some relation | 61 | 11.84% |
| No relation | 1 | 0.19% |
| Valid answers | 515 |  |

Question 5: Are you satisfied with your living environment? [single-choice question]

|  |  |  |
| --- | --- | --- |
| Choices | Sum | Proportion |
| Very satisfied | 10 | 1.94% |
| Partially satisfied | 125 | 24.27% |
| Accepted | 200 | 38.83% |
| Unsatisfied | 138 | 26.8% |
| Very unsatisfied | 42 | 8.16% |
| Valid answers | 515 |  |

Question 6: Do you think if the government and enterprises pay enough attention to control environment pollution? [single-choice question]

|  |  |  |
| --- | --- | --- |
| Choices | Sum | Proportion |
| Very enough | 9 | 1.75% |
| Enough | 113 | 21.94% |
| General | 254 | 49.32% |
| Insufficient | 139 | 26.99% |
| Valid answers | 515 |  |

Question 7: Do you think it is necessary to introduce a third party to monitor and investigate the problems of environment treatment except for environmental companies and the government? (third party refers to a bioremediation company or a non-profit organization) [single-choice question]

|  |  |  |
| --- | --- | --- |
| Choices | Sum | Proportion |
| Very necessary | 296 | 57.48% |
| Necessary | 116 | 22.52% |
| Could have a try | 96 | 18.64% |
| Not necessary | 7 | 1.36% |
| Valid answers | 515 |  |

Question 8: Do you think if there is potential risk to put engineered bacteria into the environment to be treated? [single-choice question]

|  |  |  |
| --- | --- | --- |
| Choices | Sum | Proportion |
| High risk | 58 | 11.26% |
| Some risk | 322 | 62.52% |
| Low risk | 44 | 8.54% |
| Don’t know | 91 | 17.67% |
| Valid answers | 515 |  |

Question 9: In fact, we could monitor and limit engineered bacteria in certain area to keep them from getting away through artificial design and electronic equipment. Is this method able to eliminate your worries over biological leak? [single-choice question]

|  |  |  |
| --- | --- | --- |
| Choices | Sum | Proportion |
| Totally could | 52 | 10.1% |
| Partially could | 167 | 32.43% |
| Don’t know | 122 | 23.69% |
| Concerned | 158 | 30.68% |
| Very concerned | 16 | 3.11% |
| Valid answers | 515 |  |

Question 10: Currently, there are many examples of using engineered microorganism in bioremediation in foreign countries, such as handling crude oil leaked at sea, treating highly toxic compounds in polluted water, etc. These methods are more effective and cheaper than conventional methods. But there are few similar examples in China. Are you optimistic about the potential of the environmental microbial remediation in China? [single-choice question]

|  |  |  |
| --- | --- | --- |
| Choices | Sum | Proportion |
| Very optimistic | 183 | 35.53% |
| Optimistic | 208 | 40.39% |
| Wait and see | 117 | 22.72% |
| Not optimistic | 7 | 1.36% |
| Valid answers | 515 |  |

Question 11: Do you have some opinions and suggestions on the technology of environmental microbial remediation? [fill-in-the-blank answer]

Please download the data to get choices.