**China Air Pollution Visualization Project Risk Management Plan**

## **Introduction**

The risk plan is useful for the whole project to establish the overall risk management objectives, coordinate the control of each member of the task, assess the risk level, and think of countermeasures in advance, which can make the project plan progress more smoothly.

## **Project Risk Management Organization**

Team 1 of project management

## **Project Definition Risk Management Form**

### **Project Risk Level Definition**

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk level** | **Predicted Risks** | **Solution** | **Did we encounter** |
| Low-level Risk | Due to need to learn other subjects, some tasks cannot be completed as expected…… | Select other times to catch up the progress. | √ |
| During May Day, everyone was resting…… | √ |
| If someone leave of absence, the progress was delayed…… | √ |
| If someone gets sick, and can recover in the short term…… | × |
| Middle-level Risk | If someone gets sick, and need to takes a long time to recover…… | The only way to do so is to increase the workload of other members or to find new members. | × |
| High-level Risk | If the current plan is not feasible, or is not recognized by Party A (teacher) | Change the project plan. | × |
| If loss of the important data…… | Make backups in advance. | × |

### **Project Risk Probability and Impact Definition**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Qualitative Description** | **Probability** | **Influence** | **Progress Rate** | **Quality** | **Range** |
| Low Level | 0.7 | 0.2 | Progress delayed within three days | The quality is basically unaffected | 3 cases per week |
| Middle Level | 0.2 | 0.5 | Progress delayed by more than a week | The quality drops to the point where project plans need to be changed | 1 change in half of year |
| High Level | 0.1 | 0.8 | Progress delayed 15 days | The quality drops to the point where you have to restart the project | 1 major change in a year |

### **Project Risk Status Definition**

|  |  |
| --- | --- |
| **Risk Status** | **Status Description** |
| Tracking in progress | Under surveillance |
| Alleviating | The likelihood of the risk occurring may be reduced or the impact is being mitigated |
| Positive emergency handling | A risk beyond expectation has occurred and is being addressed urgently |
| Closed | Closed after successful risk response |
| Disappeared | The probability of risk occurrence may be reduced to zero |

## **Project Risk Management Schedule**

### 

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Start** | **End** | **Responsible Person** | **Remarks** |
| Establish risk management team | 2023/3/23 | 2023/6/2 | Wenjie Xv、Qianlong Lu、Ruirui Zhao | None |
| Training on risk management | 2023/3/24 | 2023/3/26 | Wenjie Xv、Qianlong Lu、Ruirui Zhao | None |
| Define Risk Management Table | 2023/4/4 | 2023/6/1 | Ruirui Zhao | None |
| Identify and collect risks Round 1 | 2023/4/12 | 2023/4/13 | Ruirui Zhao | None |
| Identify and collect risks Round 2 | 2023/4/19 | 2023/4/20 | Ruirui Zhao | None |
| Identify and collect risks Round 3 | 2023/4/25 | 2023/4/26 | Wenjie Xv | None |
| Identify and collect risks Round 4 | 2023/5/4 | 2023/5/5 | Wenjie Xv | None |
| Identify and collect risks Round 5 | 2023/5/9 | 2023/5/10 | Qianlong Lu | None |
| Identify and collect risks Round 6 | 2023/5/22 | 2023/5/23 | Qianlong Lu | None |