|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| E | Name | m | I | S | O |
| E1 | {'Sharp fall in rainfall'} | {"negative events"} | {"Human activity"  "Geographical condition"  "Climate"  "Natural consumption"} | {"Humidness"  "Reservoir drop"  "Average rainfall"  "River level decline"  "The water level of the underground river has dropped"} | {"Humidness"  "Reservoir drop"  "Average rainfall"  "River level decline"  "The water level of the underground river has dropped"  "Reduction of reservoir water storage capacity"} |
| E2 | {" ebb and flow during main flood season "} | {"negative events"} | {"Historical data"  "Flood limit level"  "Flood control safety"  "Open the gate and release the water"} | {"Reduction of reservoir water storage capacity"} | {"Reduction of reservoir water storage capacity"} |
| E3 | {"Things are getting worse "} | {"negative events"} | {"Climate"  "Humidness"} | {"High temperature"} | {"High temperature"} |
| E4 | {" Drought occurs "} | {"negative events"} | {"The growing state of the grain"  "Grain property"  "High temperature"  "Availability of groundwater"  "Reservoir capacity"  "River availability"} | {"Grain water requirement"  "Crop affected area"} | {"Crop affected area" |
| E5 | {" Market volatility "} | {"negative events"} | {"Salvage area"  "Grain supply"  "Production line adjustment cost"} | {"Area of failing crop"  "Grain price"} | {"The producer stabilizes the level"  "The level of stability of the affected people"  "Supply chain intermediate node enterprise stability level"} |
| E6 | {" Drought preparedness "} | {"positive events"} | {"Implementation of preventive measures"  "Reduction of reservoir water storage capacity"  "River level decline"  "The water level of the underground river has dropped"  } | {"Availability of groundwater"  "Reservoir capacity"  "River availability"  "Grain stocks, production capacity adjustment and advance"} | {"Availability of groundwater"  "Reservoir capacity"  "River availability"  "Grain stocks, production capacity adjustment and advance"} |
| E7 | {" Multiple measures to stabilize Grain supply chains "} | {"positive events"} | {"Overall rescue plan implementation"  "Reserve grain supply"  "Grain production can be scheduled"} | {"Salvage area"  "Grain supply"  "Production line adjustment cost"} | {"Salvage area"  "Grain supply"  "Production line adjustment cost"} |
| E8 | {" Enhancing the stability of the Grain supply chain "} | {"positive events"} | {"Stabilization measures for the affected people"  "Producer stabilization measures"  "Intermediate node enterprise stability measures"  "Degree of disaster recovery"  "The level of stability of the affected people"  "The producer stabilizes the level"  "Supply chain intermediate node enterprise stability level"} | {"Market stability"  "The future of the food supply chain is stable"} | {"Market stability"  "The future of the food supply chain is stable"} |