**Table S3** Classification of pollution degree of the potential ecological risk index of sediment

|  |  |  |  |
| --- | --- | --- | --- |
| $$E\_{r}^{i}$$ | Risk level | *RI* | Risk level |
| $E\_{r}^{i}$＜40 | Low | *RI*＜150 | Low |
| 40≤$E\_{r}^{i}$＜80 | Medium | 150≤*RI*＜300 | Medium |
| 80≤$E\_{r}^{i}$＜160 | Higher than medium | 300≤*RI*＜600 | Higher than medium |
| 160≤$E\_{r}^{i}$＜320 | High | *RI*≥600 | High |
| $E\_{r}^{i}$≥320 | Very high | — | — |