**东川站蒋家沟及小江径流、含沙量及泥沙颗粒级配数据说明**

1. **1966年蒋家沟下大凹及白沙坡径流观测数据**

人工观测，观测点坐标可能存在偏差

1. **蒋家沟及小江水样采集方法**

人工采样，采样体积500ml。

1. **蒋家沟及小江水样分析方法**

* 含沙量：烘干法
* 泥沙颗粒级配：马尔文激光粒度仪（型号MS2000）

**水样采集坐标见下表：**

|  |  |  |
| --- | --- | --- |
| 站点 | 经度（°） | 纬度（°） |
| 达朵 | 103.1021172 | 26.27975921 |
| 林家渡 | 103.0954278 | 26.25193398 |
| 格勒村小河口社 | 103.0611438 | 26.53562376 |
| 新田坝 | 103.1086671 | 26.30179088 |
| 姑海水文站 | 103.2246155 | 25.99462333 |
| 蒋家沟 | 103.1348136 | 26.24776497 |

备注: 姑海水文站的坐标根据文字描述来确定的，因此可能存在一定的位置误差。

**备注：**

（1）请在论文发表、专利申请、专著出版等工作中标注数据来源，并在公开发表的中文出版物的致谢部分标明“感谢中国科学院东川泥石流观测研究站为本研究提供了相关数据”，在英文论文致谢部分标明“Dongchuan Debris Flow Observation and Research Station (DDFORS), Chinese Academy of Sciences, which provided the field observation data for this study.”.

（2）更多详细信息见东川站网页（中文网站http://nsl.imde.ac.cn/；英文网站http://nsl.imde.ac.cn/en/）.

（3）数据问题可联系魏丽（weili@imde.ac.cn）和宋东日（drsong@imde.ac.cn）.

**Description of runoff discharge, sediment concentration and grain size distribution data at Jiangjia Ravine and Xiaojiang River**

1. **Runoff discharge data of Xiadawa and Baishapo at Jiangjia Ravine in 1966**

Manually observed, the coordinates are determined based on textual descriptions, which may introduce some positional inaccuracies.

1. **Water sample collection method**

Manual sampling with a sampling volume of 500 ml.

1. **Analysis method**

* Sediment concentration: Oven drying method.
* Grain size distribution of sediment: Malvern laser particle size analyzer (Model MS2000).

**The coordinates for water sample collection are shown in the table below:**

|  |  |  |
| --- | --- | --- |
| **Station** | **Longitude（°）** | **Latitude（°）** |
| Daduo | 103.1021172 | 26.27975921 |
| Linjiadu | 103.0954278 | 26.25193398 |
| Gele | 103.0611438 | 26.53562376 |
| Xintianba | 103.1086671 | 26.30179088 |
| Guhai Hydrologic Station | 103.2246155 | 25.99462333 |
| Jiangjia Ravine | 103.1348136 | 26.24776497 |

**Note**: The coordinates of the Guhai Hydrologic Station are determined based on textual descriptions, which may introduce some positional inaccuracies.

**Note:**

(1) In works such as paper, patent, and monograph, please indicate the data source. In the acknowledgments section of Chinese publications, include the statement “感谢中国科学院东川泥石流观测研究站为本研究提供了相关数据” . In the acknowledgments section of English publications, please state, “We would like to thank the Dongchuan Debris Flow Observation and Research Station (DDFORS), Chinese Academy of Sciences, for providing the field observation data for this study.”

(2) For more detailed information, please visit the website of Dongchuan Debris Flow Observation and Research Station (DDFORS) (Chinese website: http://nsl.imde.ac.cn/; English website: http://nsl.imde.ac.cn/en/).

(3) For any data-related issues, please contact Li Wei (weili@imde.ac.cn) and Dongri Song (drsong@imde.ac.cn).