**东川站蒋家沟断面测量数据说明**

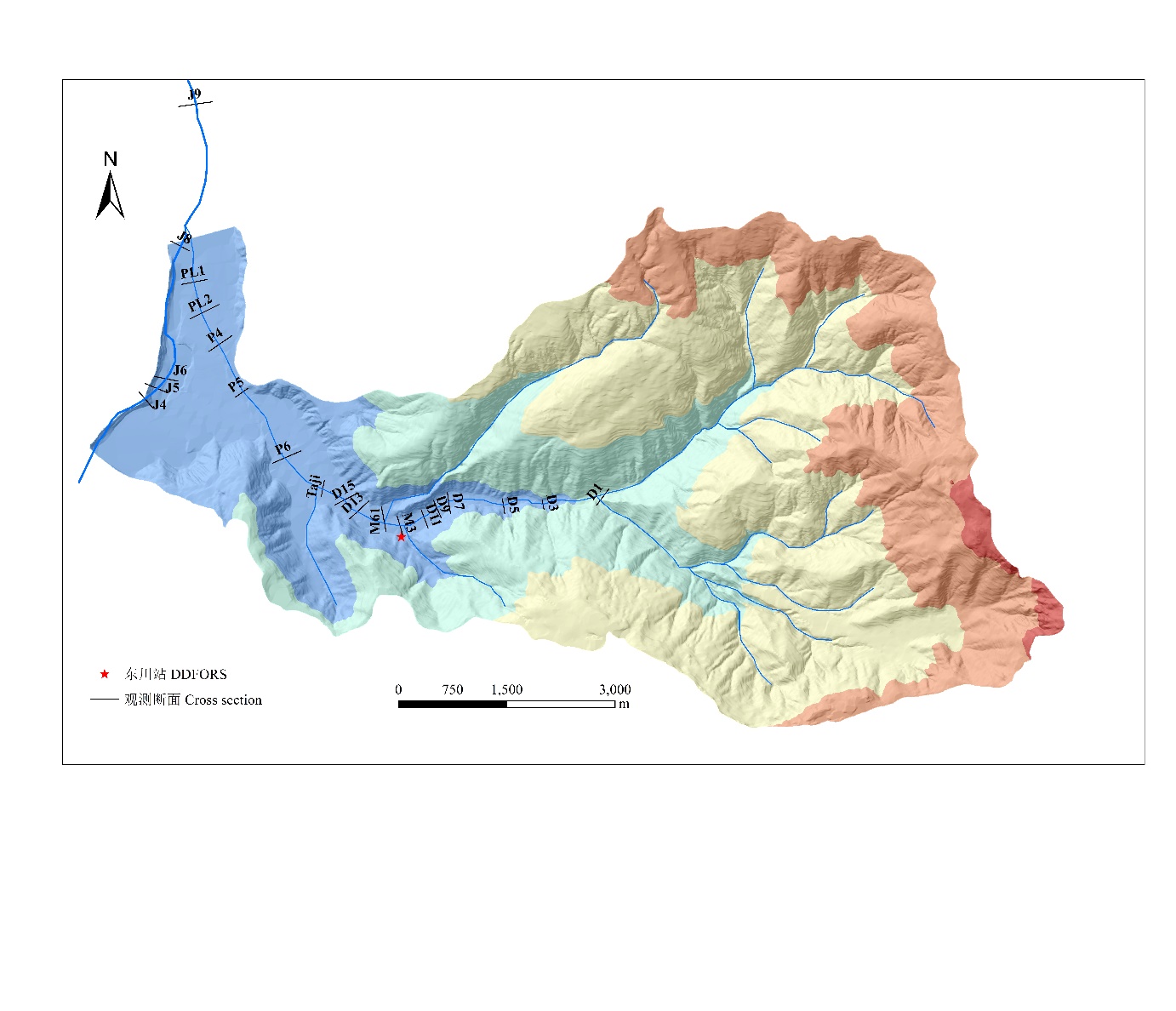
1. **2010年以前断面观测数据**

主要采用水准仪或全站仪测量，无测量点坐标。

1. **2010年以后（包括2010年8月）断面观测数据**

采用RTK测量，有测量点坐标，其中北坐标、东坐标数据为Beijing\_1954\_GK\_Zone\_18N投影坐标，经纬度为WGS1984地理坐标。

1. **各断面分布见下图**



|  |  |
| --- | --- |
|  |  |
| 全站仪测量断面 | RTK测量断面 |

**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 cross-section measurement data at Jiangjia Ravine**

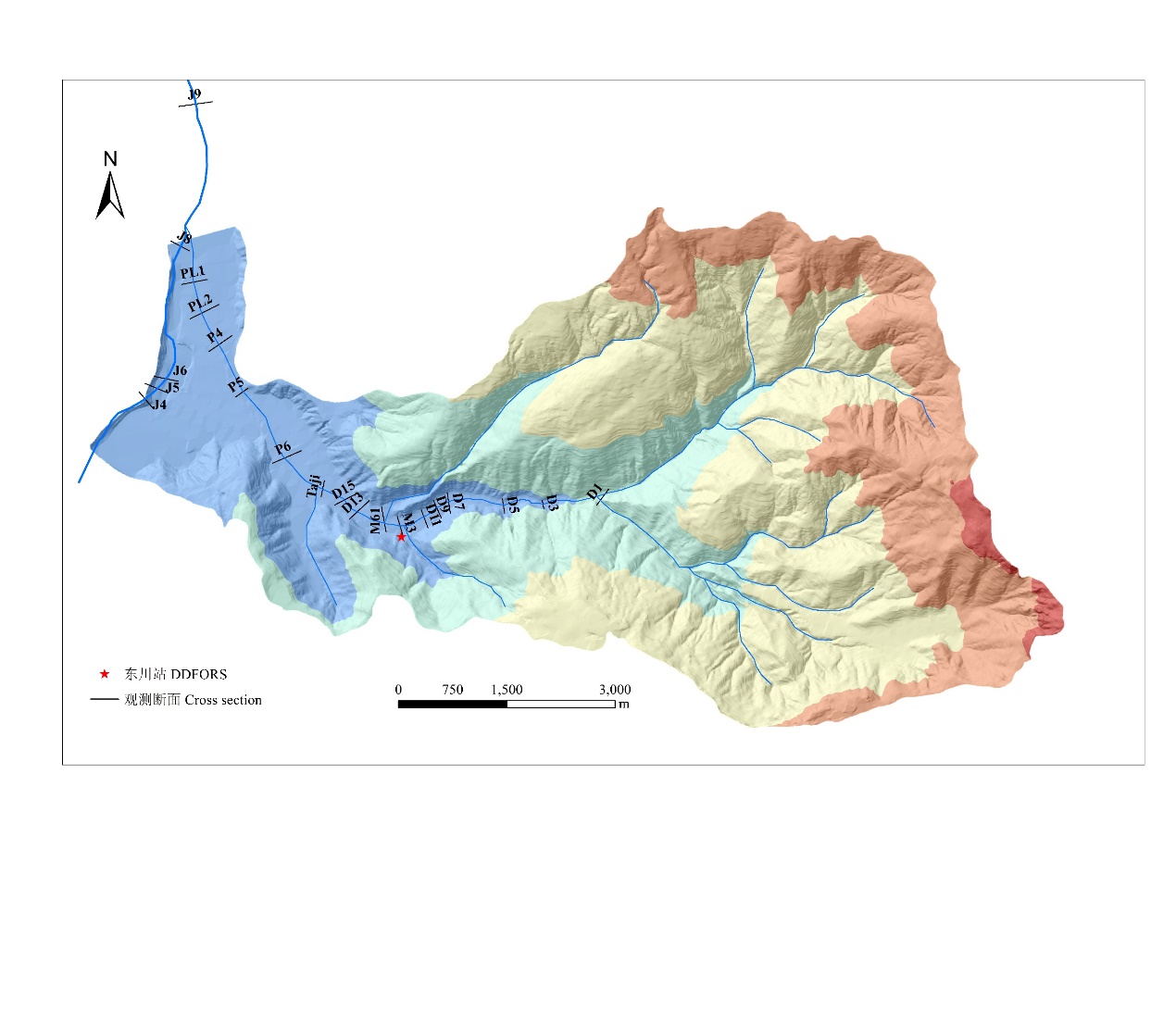
**(1) Measurement before 2010**

Mainly measured by level meter or total Station, no coordinates of measuring points available.

**(2) Measurement after 2010 (including data measured in August 2010)**

Measured by RTK, with measuring point coordinates, of which the north and east coordinates are Beijing\_1954\_GK\_Zone\_18N projected coordinates, and the latitude and longitude are WGS1984 geographic coordinates.

**(3) The distribution of cross-section is shown in the following figure**



|  |  |
| --- | --- |
|  |  |
| Cross section elevation measured by level meter | Cross section elevation measured by RTK |

**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).