



Poly-Bushel Geohazard Rapid Venture Appraisal

Xhuan Ming^{1*}, Zhounha Zhuan²

¹*Zhejiang University, Faculty of Technical Science,
310058 Hangzhou, China*

²*Zhejiang University, Research Institute of Uranium Geology,
310058 Hangzhou, China*

Received: 17 June 2014; Accepted: 23 September 2014

Abstract

Geohazard are widely distributed in most countries of the world, disaster frequency and intensity continuously increasing, accordingly causing huge losses. China is a country where collapse, landslide, debris flow and other geohazards occur frequently and sudden geohazard have a serious threat to people's lives and property. With the growing of the world's population, human activities gradually extended from the plains to the hills, mountains and other geological disaster-prone areas, Geohazard caused serious loss to human society, therefore, there is no time to delay in the rapid risk assessment of geohazard to high-risk areas. Natural Disaster Risk analysis is the quantitative analysis and assessment of the likelihood and possible consequences of conduct to risk areas subjected to different intensity of natural disasters. Many mathematical models are widely used in risk analysis. In accordance with the scale characteristics of the disaster risk assessment, it can be divided into small-scale disaster risk assessment and regional risk assessment. Small-scale risk assessment is aimed primarily at the single disaster, whose characteristics are more specific hazard body and hazard bearing body, easier to quantify of influence factors and damage assessment and higher evaluate precision; evaluation of the regional risk assessment is aimed at a regional geohazard, whose characteristics are large area diverse causal factors and low quantification level of assessment results.

Keywords: Poly-bushel geohazard; venture appraisal; risk assessment; Natural Disaster

