Valeriy I. Klenov
Private, Moscow, Russia
klenovvaleri@ymail.ru

Virtual Nature Systems (VNS) are enlivening computer doubles for the Actual Nature Systems (ANS), with properties of the Open Non-Equilibrium Nature Systems (ONES). The ability of multi-purpose VNS is to evaluate Geodynamics for any area (one or several river basins). This ability requires for preliminary validation of the VNS by existing data on exogenous and endogenous external influences. Instead for assessment of the Risk as statistic criteria, the VNS evaluates the Threat by VNS training on concrete area. Evaluation for debris flows threats over any hazardous area require for continual monitoring for external factors. Summary and current mapping of the threats is in result.

Keywords: Virtual Nature System, External factors, Debris flows, River basins, Calibration, Risk, Threat, Monitoring, Systems analysis.