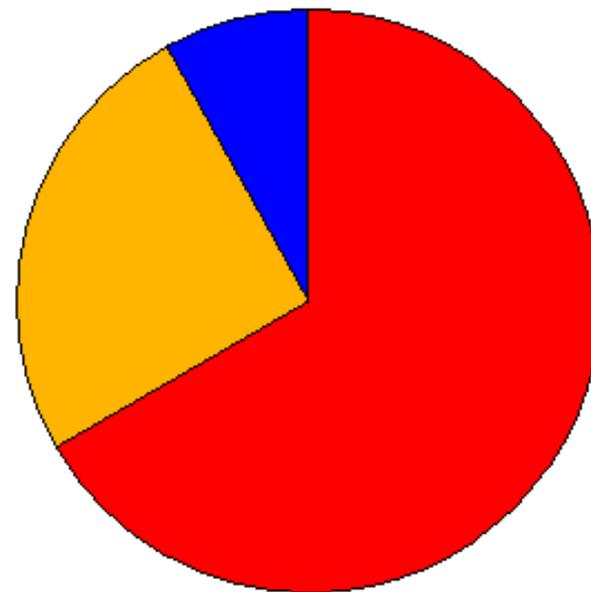


冲击危险多参量监测预警技术

- 应力震动能量三场监测指标
- 冲击矿压分类监测指标体系
- 冲击危险多参量监测预警体系



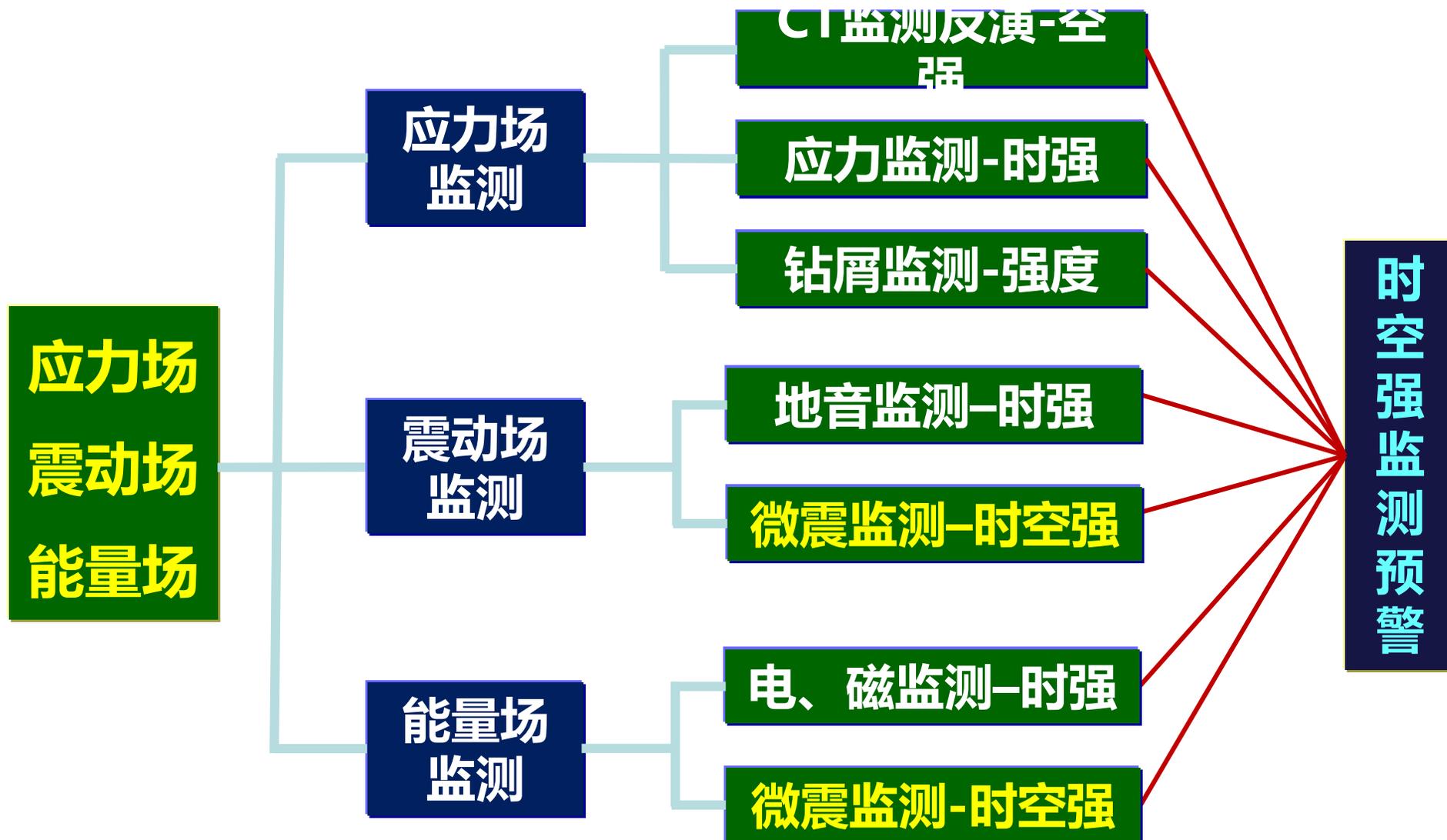
综合预警：强危险



6.1) 三场监测指标



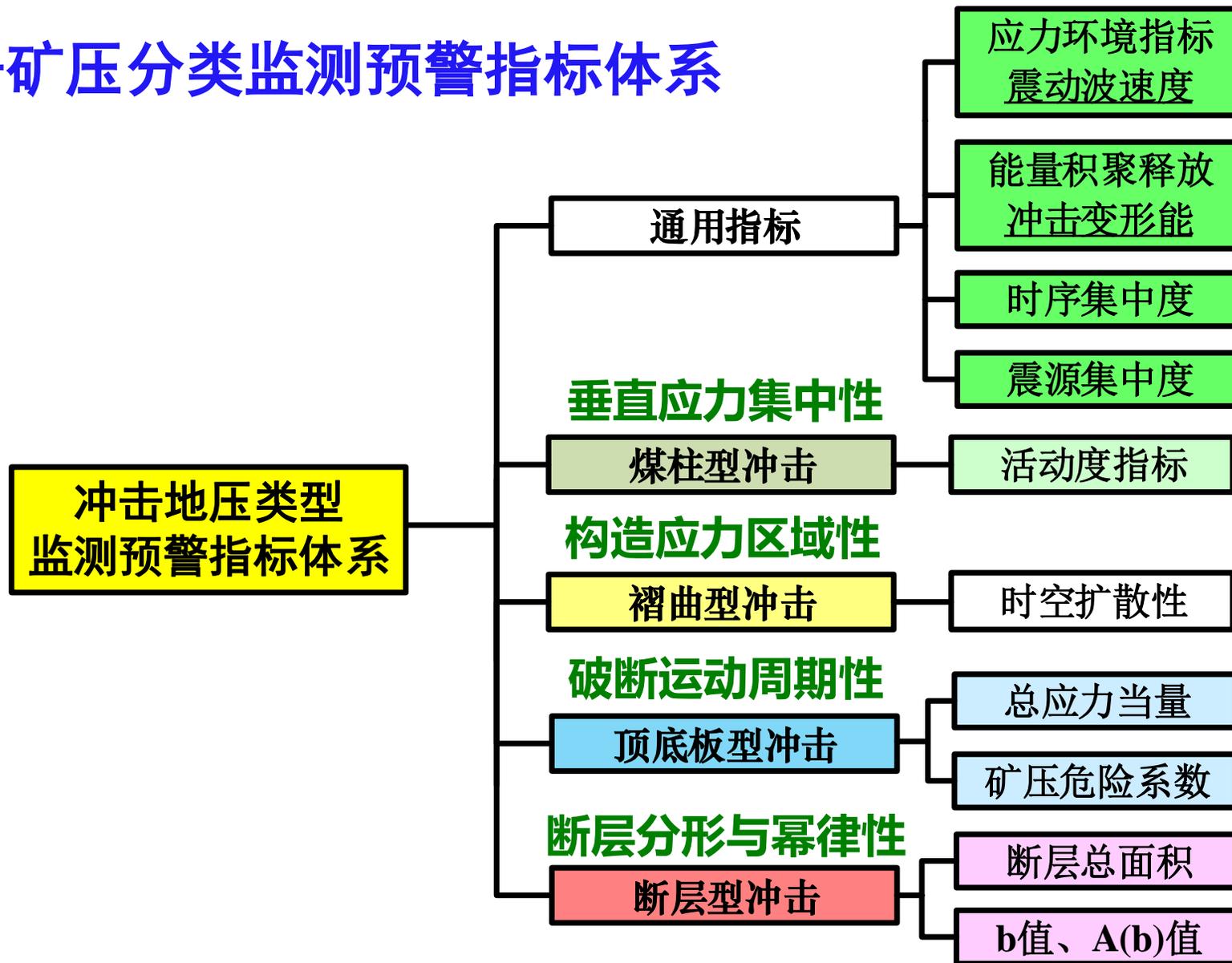
□ 应力场-震动场-能量场监测指标



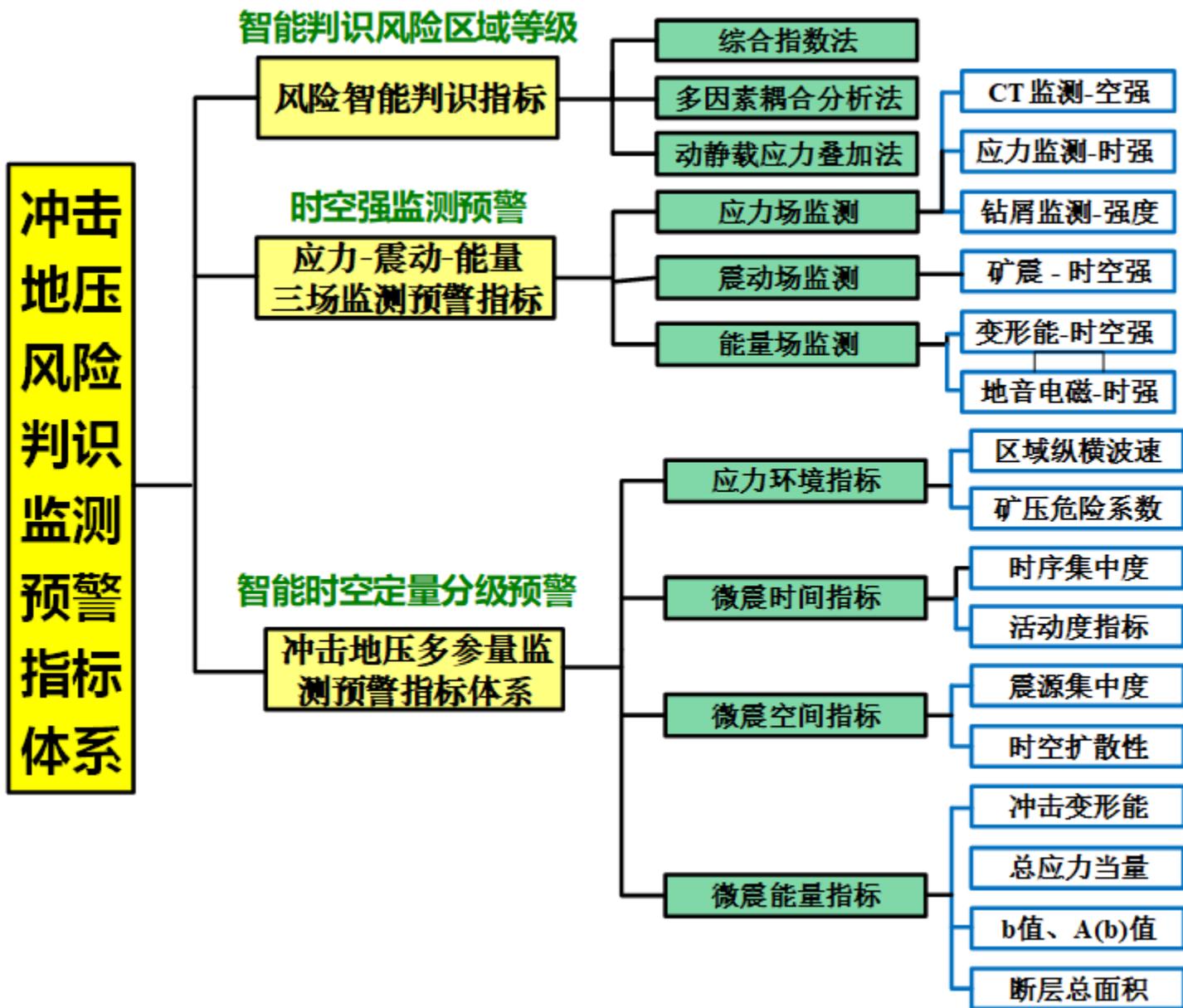
6.2) 冲击矿压分类监测指标



冲击矿压分类监测预警指标体系



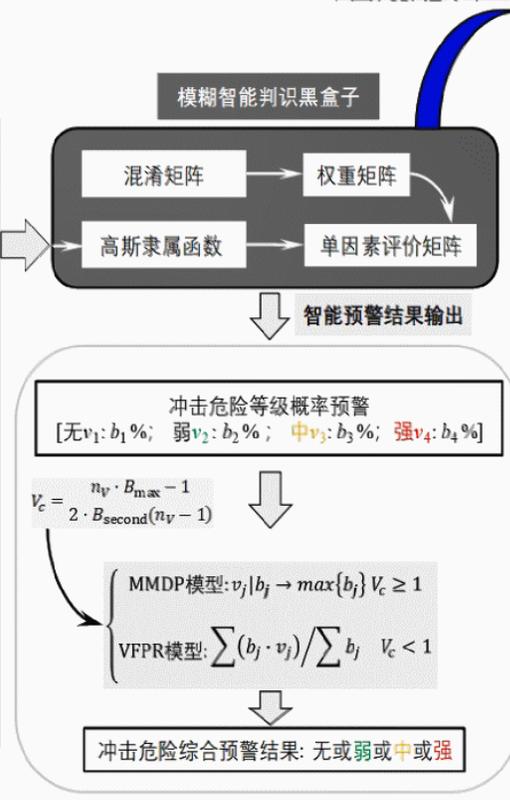
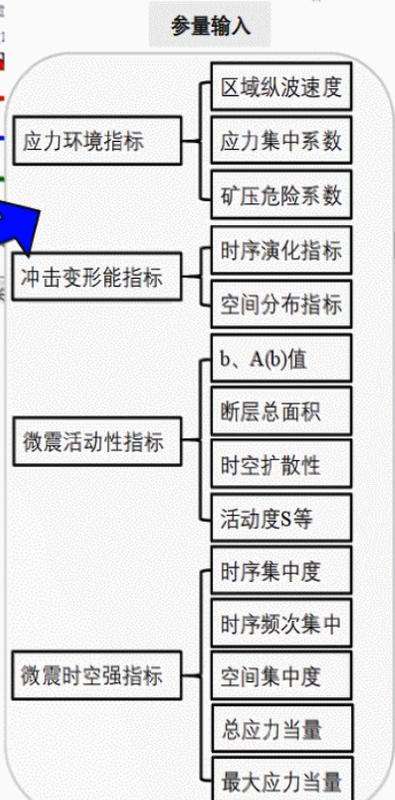
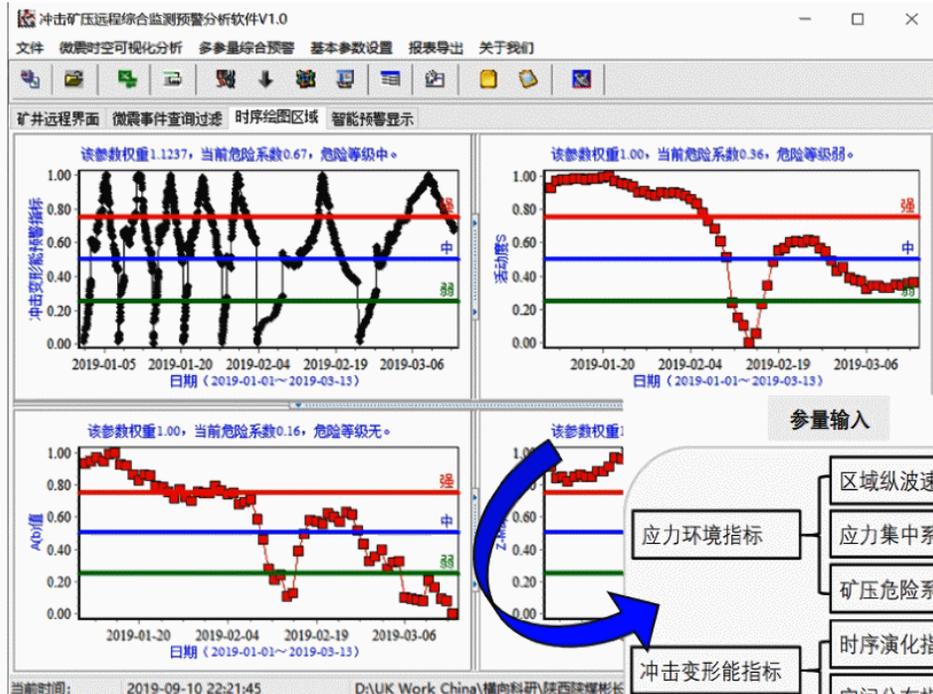
6.3) 多参量监测预警指标体系



冲击危险多参量监测预警技术



State Key Laboratory of Coal Resources and Safe Mining



综合预警: 强危险

综合预警结果

