

**The Development of an Vocational Training Program for Improving Train Driver
Abilities of Coping with Extraordinary Conditions**

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We developed a vocational training program as composed of the following five elements for improving train driver abilities of coping with extraordinary conditions; 1) Assessment of the cognitive failures questionnaire, 2) Driving a simulator equipped with five scenarios on extraordinary condition, 3) Self-reflection of own driving performance, 4) Making the driving performance visible and 5) Feedback of the relative evaluation. When a driver commits an error in driving the simulator, he is highly to notice the change in his mental state and consider a matter in looking at his own evidences of driving performance. Such experiences improve driver abilities of coping with extraordinary conditions.