

ABSTRACT SUBMISSION FORM

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Overview of Presentation

The ability of governments to effectively respond to traffic congestion is increasingly being challenged by limited budgets/resources. Solutions focused only on increasing physical capacity have been met with limited success. ITS is becoming increasingly relevant in long term planning to meet transport policy goals seeking to support the efficient movement of people and freight.

Engineers and planners lack experience of ITS compared with other transportation improvements. This may lead to ITS being seen as an operational detail to be worked out after planning is complete. Such an approach risks losing the potential benefits of ITS which may change the decisions made during early infrastructure planning, or even the overall approach to solutions.

Considering ITS at a later stage of a project can affect areas beyond project designation and across organisational boundaries. This potentially requires additional consents, redesigns and duplication of activities.

An even higher risk is - if ITS is not considered until the design has been completed or the construction finished. All this leads to expensive re-designs, additional construction activity on recently completed sites, negative public responses, political issues.

Kirill is a Principal ITS Consultant with 17 years of engineering experience including 7 years in ITS. He has worked across all phases of ITS delivery from planning, design, construction management, operations and maintenance.