



Application of a Health Impact Planning Support System to assist in the design, planning and creation of healthy liveable communities.

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Planning support systems (PSS) are spatial simulation tools utilising Geographical Information Systems (GIS) to collect, analyse and visualise spatial data and convert them into meaningful information to facilitate investigation, debate, discussion, analysis, presentation and exploration of different design alternatives. The system uses scenario or sketch planning tools to show how changes in the design of the built environment are likely to impact a range of outcomes.

The Health Impact Planning Support System (HIPSS) is a computer based tool that allows users to visualise and edit alternative design scenarios and estimate the outcomes related to both urban planning to facilitate health impact assessments and to assist planners and policy makers understand how different approaches to neighbourhood design might impact health-related outcomes such as physical activity.

The SHOT interactive workshop will provide an introduction to the innovative HIPSS through live demonstrations of real life case studies and an overview of its uses and successes to date both with planning professionals as a tool for community engagement. The SHOT will also provide delegates with an opportunity to have hands on engagement, interaction and use of the tool with three different urban design scenarios: planning for public open space, activity centres and infill redevelopment.