



**T A PAI MANAGEMENT INSTITUTE**

MANIPAL - 576104

Research Seminar

**Systems Thinking and Modeling Methodology:  
Lessons from New Zealand Cases**

Speaker

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**3:00 PM, June 23<sup>rd</sup>, 2010 (Wednesday)**

**Class Room: F2, TAPMI Campus**

**ALL ARE INVITED**

## **Abstract**

In this research project, systems approaches and systems methodologies are reviewed and a research gap is identified. Systems Thinking and Modelling methodology (Maani and Cavana, 2007) is then introduced as an alternative with its five phases, namely problem structuring, causal loop modelling, dynamic modelling, scenario planning and modelling and organisational learning. It is argued that this methodology incorporates both hard and soft approaches to systems thinking. A few New Zealand applications of this methodology are then illustrated and methodological lessons are highlighted.

### **Keywords:**

Systems Approaches, Systems Thinking and Modeling, Stakeholder Analysis

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