

# 從科技治理體系觀點省思新竹科學園區的治理困境

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## 摘要

Hsinchu Science Park has been the main engine of economic development in Taiwan, but the hidden troubles and external challenges appears gradually. The purpose of this article was trying to find the symptoms and causes of these governance predicaments. Based on the perspective of science and technology governance system, this article clarified four types of science and technology governance system, including nodal type, reverse T-type, cross type, and T-type. And then the article categorized the science and technology governance system in Taiwan, and found it's a much more complicated system than cross type that has long chains division of labor in vertical and horizontal dimensions. After that, the article illuminated the types of Science Park and analyzed the relationship between Science Park and science and technology governance system. For Hsinchu Science Park, the derailment between changing type of Science Park and established management system of Science Park caused the predicaments including vague orientation of Science Park management agency, complication of decision system, intervention of political power, NIMBY effect, diffusion and deficit of necessary resources. The article suggested that the solutions for these predicaments may depend on the re-arrangement of science and technology governance system.

**關鍵字：** Science and Technology Policy, Science and Technology Governance System, Science Park, Hsinchu Science Park