

Applying Systems Architecture to Technology Policy Research: Models of Space Activity in Developing Countries

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Abstract. This paper presents results from a study on emerging satellite programs in developing countries. A Systems Architecture Framework is used as a tool to enable social science research in technology policy. The study finds that the Architectural Framework is useful for integrating concepts from disparate literature communities; decomposing a sociotechnical system into progressively lower levels of analysis; and synthesizing findings to enable explanation and theory building.