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## Evaluating Akiho Miyashiro's philosophy of science

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Akiho Miyashiro, a Japanese-born American geologist, left a book on philosophy of science 10 years before his tragic death in 2008. However, this quite a unique book titled 'What is a scientific revolution?' has been almost ignored by professional philosophers of science in Japan. The purpose of our presentation is to rectify this regrettable situation by re-evaluating Miyashiro's philosophy. Miyashiro's philosophy indeed contains many important criticism against Thomas Kuhn's theory of paradigm change and Imre Lakatos' theory of research programme. But the most valuable and unique contribution of Miyashiro to contemporary philosophy of science is that he raised a question never asked by Kuhn, Lakatos, or philosophers after them, that is, when paradigm theory or research programme theory applies and when it doesn't.

Keywords: Philosophy of Science, Akiho Miyashiro, Paradigm, research program