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Francesco Mulargia, Guido Visconti

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Scientific truth and public policies

Francesco Mulargia

Dipartimento di Fisica e Astronomia, Università di Bologna, Bologna, Italy

Guido Visconti

Dipartimento di Scienze Fisiche e Chimiche, Università dell'Aquila, L'Aquila,
Italy

Abstract

Several fields of science have important societal applications, and Geophysics is undoubtedly one. In such applications, the scientific state-of-the-art should naturally determine the related policies, but policies require consensus, and are therefore influenced by economic and political motivations. Provided that established policies are somehow producing positive effects, should they be kept even if rely on wrong science? And should this be openly stated, or does the *Raison d'Etat* justify distorting the scientific truth? The cases of earthquake and climate prediction are discussed.

Keywords: *Applications of earth sciences, Earthquake Physics, Future Climate, Industrial and social Policies, Scientific Truth*

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