

The Argentine Association of Geology Applied to Engineering (ASAGAI) gladly presents the book “EXTERNAL GEODYNAMICS, Geomechanical, hydrogeological, climatic and risk aspects” by Dr. Serio Mora Castro.

The book is the first of its kind published by the Argentine Association of Geology Applied to Engineering (<https://asagai.org.ar/>) in digital and printed format, and has been the result of a great effort, time, and dedication together with the author.

It is precisely the author of the work who, throughout six chapters, proposes a holistic approach to external geodynamics, through a guiding thread, addressing its relationship with geomechanical, hydrogeological, climatic and risk aspects related to slope instability. The text presents multiple examples and is extensively illustrated with field photographs that denote the broad professional career of the author, whose experience is also exposed in the content each section.

The author begins by describing the various elements that are likely to be modified by external geodynamics and then, in the two subsequent chapters, refers to the modifying processes of those components. After that, it addresses the problem of slope instability to refer to the morphodynamic analysis and the classification of the processes that are linked to it. Next, the work deals with a topic that is currently the subject of debate and interesting analysis: the threat of slope instability, vulnerability, risk, and its relationship with anthropogenic global warming from a broad perspective. Finally, through an annex, it focuses on the threat of slope instability through a detailed analysis of various factors and aspects related to it.

The editorial team considers that this book constitutes an interesting and very useful contribution to knowledge regarding the topics it includes. We together with the author hope that the public can enjoy and learn from its content, specifically helping to clarify concepts and guide students, teachers and professionals in understanding and practice of this fascinating discipline of earth sciences.