

"OpenQuake: Calculate, share, explore"

The OpenQuake-Engine Book: Risk

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Preface

The goal of this book is to provide a comprehensive and transparent description of the features of the OpenQuake-engine (v1.2). This book is designed to be readable by someone with basic understanding of Probabilistic Seismic Hazard and Risk Analysis, but no previous knowledge of the OpenQuake-engine is assumed. The OpenQuake-engine is an effort promoted and actively developed by the Global Earthquake Model, a public-private partnership initiated by the Global Science Forum of the Organisation for Economic Co-operation and Development (OECD)¹.

The OpenQuake-engine is the result of an effort carried out jointly by the Information Technology and Scientific teams working at the GEM Secretariat. It is freely distributed under an Affero GPL license (more information available at this link <http://www.gnu.org/licenses/agpl-3.0.html>)

¹A short description of the process promoted by OECD is available here <http://www.oecd.org/science/sci-tech/theglobalearthquakemodelgem.htm>

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