



# Rock Mechanics with Emphasis on Stress

By Fritz Rummel

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**Rock Mechanics with Emphasis on Stress** By Fritz Rummel

On a global scale, crustal stresses are the result of plate tectonics. On a regional basis, the knowledge of stresses is of vital interest for deep mining, geothermal heat exploitation for electricity generation from deep hot rock formations, safe underground hazardous waste disposal scenarios in impermeable rock, and large-scale tunneling for high-speed traffic. This book originated in a workshop on Rock Mechanics with Emphasis on In-Situ Stress. The areas of focus includes a deeper understanding of large earthquake focal mechanics, the "Hot Dry Rock" (HDR) concept of geothermal energy exploitation, and the development of strategies for the stimulation of deep-seated fresh water reservoirs. *Rock Mechanics with Emphasis on Stress* will be of interest to geologists, seismologists, and geotechnical and civil engineers.

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### **About the Author**

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