



World Housing Encyclopedia
Earthquake Engineering Research Institute

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Qaisar Ali is Professor and Director at the Earthquake Engineering Center, Department of Civil Engineering University of Engineering & Technology Peshawar, Pakistan. He has played a key role first in establishing and then in expanding the first Earthquake Engineering Center of Pakistan. When the expansion phase is completed by the year 2008, the center with its installation of a 6m×6m shake table, pseudo-dynamic and base isolation testing facilities will become one of World's biggest research centers in earthquake engineering.

Qaisar is consultant to various government and non-government organizations on earthquake related issues. He is member of various professional bodies including a core group working on the Building Code of Pakistan. He has developed several manuals on seismically safe construction for individuals involved in the construction industry.

His research interests are development of seismic risk maps for Pakistan, seismic risk assessment of important structures such as dams, long span bridges and NPP, seismic code development for Pakistan, low-cost energy dissipating devices for brittle structures, non-linear experimental and numerical studies of masonry structures, repair and strengthening of masonry and RC structures, and effective use of Industrial and natural pozzolanas as partial replacement of cement.
