

Eduardo Garzanti

Eduardo Garzanti has achieved a long experience on the geology of the Himalayas, obtained since 1981 during several scientific expeditions carried out within projects MURST and CNR to Pakistan, India, Nepal, South Tibet, the Andaman Islands, and Myanmar. His research has focused on various aspects of Himalayan geology, including the Paleozoic history, the opening of Neotethys, the sedimentary successions of the Tethys Himalayan passive margin and of the Transhimalayan active margin, and the paleotectonic evolution during and after Paleocene/Eocene collision of India and Asia.

In the last 20 years he has carried out, in close collaboration with researchers of various institutions worldwide, the petrographic, mineralogical, geochemical and geochronological study of bedload and suspended-load sediments carried today by major Asian (Indus, Ganga, Brahmaputra, Irrawaddy, Yangtze, Pearl River, Yellow River), African (Nile, Niger, Congo, Orange, Zambezi, Limpopo, Okavango), Southamerican (Paraná, Amazon, Orinoco) and Alpine river systems, and of Cenozoic terrigenous successions accumulated in foreland basins associated with different orogenic systems, including the Alps-Apennines, the Caucasus, the Zagros, and the Himalayas. Most recent studies have focused on the mineralogical and geochemical composition of deep-sea turbidites (Congo, Zambezi, Indus, and Bengal-Nicobar fans) and, in collaboration with several Chinese Universities (Nanjing, Lanzhou, Tongji at Shanghai, CUB at Wuhan, CUGB Beijing), on the Himalayan suture zone and on the geological evolution of the Tibetan Plateau.

Full Professor at the University of Milano-Bicocca since 2001, Eduardo Garzanti has served several times as vice-Director of the Department of Earth and Environmental Science from 2002 to 2017. A member of Academia Europaea, he has served as GEV for Sedimentary Geology and Structural Geology in the Italian evaluation system for the Quality of Research (VQR) for the years 2004-2010 and as GEV for Sedimentary Geology for the years 2011-2014. He has been Associated Editor for prestigious International journals including *Geology*, *Terra Nova* and *Basin Research*. He was elected 2018 Honorary Fellow of the Geological Society of America, award received at the GSA Annual Meeting in Indianapolis in 2019. In 2021 he was awarded the Leopold-von-Buch-Badge by the Deutsche Geologische Gesellschaft – Geologische Vereinigung (DGGV, German Geological Society).