

ANIL K. CHOPRA

Education

- B.Sc. Civil Engineering, Banaras Hindu University, India, 1960
- M.S. Civil Engineering, University of California, Berkeley, 1963
- Ph.D. Civil Engineering, University of California, Berkeley, 1966

Professional and Academic Experience

- 1960 Engineer, Standard Vacuum Oil Company, India
- 1961 Design Engineer, Kaiser Engineers Overseas Corp., India
- 1966-67 Asst. Prof. of Civil Engineering, Univ. of Minnesota, Minneapolis
- 1967-92 Dept. of Civil Engineering, Univ. of Calif., Berkeley:
 - Lec. & Asst. Res. Engineer (1967-69), Asst. Prof. (1969-71), Assoc. Prof. (1971-76), Prof. (1976-);
 - Vice Chrm., Div. of Structural Engineering and Structural Mechanics (1980-83); Chrm., Structural Engineering, Mechanics and Materials Group (1991-93, 1994-97)
- 1992 Horace, Dorothy, and Katherine Johnson Chair in Engrg., Univ. of Calif., Berkeley

Activities in Professional Societies

- American Society of Civil Engineers: Structural Division
 - Executive Committee: Member (1988-92), Chair (1991)
 - Awards Committee (1991-96)
 - Committee on Seismic Effects, Chair (1983-86)
 - Administrative Committee on Dynamic Effects, Chair (1986-88)
- American Society of Civil Engineers: Engineering Mechanics Division
 - Executive Committee: Secretary (1981-83), Member (1983-87), Chair (1986)
 - Advisory Board, (1986-91), Chair (1989)
 - Dynamics Committee, Chair (1975-77)
 - Editorial Board, *Journal of the Engineering Mechanics Division* (1975-77)
- Earthquake Engineering Research Institute, Member
 - Board of Directors (1990-93)
 - Steering Comm., 1979 National Conf. on Earthquake Engineering (1977-79)
 - Steering Comm., 8th World Conf. on Earthquake Engineering (1982-84)
 - Monograph Committee, Chairman (1989-90)
 - Advisory and Program Committees, 4th U.S. National Conf. on Earthquake Engineering, 1990
 - Honors Committee (1993-98)
 - Endowment Committee (1994-96)
 - Editorial Board, *Earthquake Spectra* (1999-2006)
- International Association for Earthquake Engineering
 - Earthquake Engineering and Structural Dynamics Journal*, Member, Editorial Board (1987-88); Associate Editor (1988-96); General Editor (1996-2004), Executive Editor (2004-)
 - Executive Committee: Consultative Member (2000-)
- U.S. Society on Dams, Member
 - Committee on Methods of Numerical Analysis of Dams (1978-)
- American Concrete Institute
 - Committee 442: Response of Buildings to Lateral Forces (1971-81)
- Structural Engineers Association of Northern California, Member
 - Seismology Committee (1971-74, 1985-87, 1995-)
 - Board of Directors (1987-89)
- Seismological Society of America, Member
 - Board of Directors (1982-83)
- Indian Society of Earthquake Technology, Member
- Applied Technology Council, Board of Directors (1972-74)
- International Water Power and Dam Construction
 - Editorial Advisory Board, *Dam Engineering*, an international journal (1990-)

Public Service

- Chairman, Task Committee on Structural Analysis, Applied Technology Council Project ATC-3 for the Development of New Recommendations for the Seismic Design of Buildings (1974-77)
- National Research Council Committee on Natural Disasters
 - Member (1980-85), Vice Chairman (1981), Chairman (1982, 1983)
 - Member, Earthquake Engineering Panel (1974-79)
- National Research Council Committee on Earthquake Engineering Research
 - Member of a Working Group for the Report, "Earthquake Engineering Research - 1982"
 - Member, Panel on Concrete Dams (1986-90)
- National Science Foundation, Earthquake Hazards Mitigation Program, Future Directions II Workshop, 1995
- Department of Veterans Affairs, Washington, D.C.

Public Service (continued)

National Science Foundation, Earthquake Hazards Mitigation Program, Future Directions II Workshop, 1995
Department of Veterans Affairs, Washington, D.C.
Advisory Committee on Structural Safety of VA Facilities (1995-2000)
Division of Safety of Dams, Department of Water Resources, State of California
Consulting Board for Earthquake Analysis (1996-)
National Academy of Engineering: Peer Committee, Civil Engineering (1997-1999); Chair (1999), Nominating Committee (2003-04), Membership Policy Committee (2004-2006), Section Liaison to NRC (2004-2007)
Building Seismic Safety Council, NIBS: Committee on Design Criteria and Analysis (1998-2001)

Consulting (selected)

1975-90 Waterways Experiment Station, Corps of Engineers, Vicksburg, Miss.
1980-87 Woodward Clyde Consultants, San Francisco, California
1981 World Bank, Washington, D.C.
1982-90 Sacramento District, U.S. Army Corps of Engineers
1984 Hidroservice, Guayaquil, Ecuador
1984 TAMS (Tippets-Abbett-McCarthy-Stratton), New York
1986-90 Acres International, Toronto, Canada
1987-93 Pacific Gas and Electric Co., San Francisco
1987-89 Harza Engineering Co., Chicago
1990-93 East Bay Municipal Utility District, Oakland, California
1990-93 Central Nuclear de Almaraz, Madrid, Spain
1990-93 Klohn-Crippen Consultants, Vancouver, Canada
1993-94 Dames and Moore, Oakland, California
1993-96 Sinotech Foundation for Research and Development, Taiwan
1994- Division of Safety of Dams, California Department of Water Resources
1995-98 E.T.S. Ingeniero de Caminos, Canales y Puentes, La Coruna, Spain
1996-97 Pacific Rim Power, Vancouver, B.C., Canada
1997-00 B.C. Hydro, Vancouver, B.C., Canada
1997-00 Portland General Electric, Portland, Oregon
1998-2002 Panama Canal Commission, Panama
2000 Hiroestudios, Bogota, Colombia
2001 Metropolitan Water District of Southern California, Los Angeles
2001 Integral Ltda., Medellin, Colombia
2002-2004 U.S. Army Corps of Engineers, Sacramento District
2006 University of California, San Francisco, Design and Construction
2006- Pacific Gas & Electric, Co., San Francisco
2006- U.S. Bureau of Reclamation
2007- Panama Canal Authority, Panama
2007- INTERTECHNE, Curitiba, Brazil
2007- San Diego County Water Authority, San Diego, California

Awards and Honors

Banaras Hindu University Gold Medal, 1960
Certificate of Merit, Indian Society of Earthquake Technology, 1974
Huber Research Prize, American Society of Civil Engineers, 1975
Norman Medal, American Society of Civil Engineers, 1979
Distinguished Alumnus Award, Banaras Hindu University, Varanasi, India, 1980
Elected to the National Academy of Engineering, 1984
Honor Award, Association of Indians in America, 1985
AT&T Foundation Award, American Society of Engineering Education, 1987
Raymond C. Reese Research Prize, American Society of Civil Engineers, 1989
Miller Research Professor, University of California at Berkeley, Fall, 1990
Norman Medal, American Society of Civil Engineers, 1991
Horace, Dorothy and Katherine Johnson Chair in Engineering, University of California at Berkeley, 1992
Nathan M. Newmark Medal, American Society of Civil Engineers, 1993
Ernest E. Howard Award, American Society of Civil Engineers, 1998
Distinguished Teaching Award, University of California at Berkeley, 1999
Norman Medal, American Society of Civil Engineers, 2001
George W. Housner Medal, Earthquake Engineering Research Institute, 2002
National Award for Significant Contributions in Science & Technology, Government of Venezuela, 2002
Miller Research Professor, University of California, Berkeley, 2003-2004
Elected Honorary Member, International Association for Earthquake Engineering, 2004
Elected Fellow, Structural Engineers Association of California, 2004
Doctor Honoris Causa, Technical University of Engineering, Bucharest, Romania, 2007
Honorary Professor, Harbin Institute of Technology, Harbin, China, 2009

Publications

Over 325 publications (including two books) in structural dynamics and earthquake engineering