

DAVID ERIC ALEXANDER

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www.emergency-planning.blogspot.com

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Visiting Professor, Tōhoku University, Japan

Visiting Professor, Yamaguchi University, Japan

**Vice-President & Chair of the Trustees, Institute of Civil Protection and
Emergency Management**

PERSONAL

EDUCATION

London School of Economics, University of London *BSc (Hons) Geography*
Dissertation: "Spatial Analysis of Downstream Variations in Channel Characteristics in
a Semi-Arid Gully Environment in Spain" (1974, directed by Prof. J.B. Thornes)

University College London, University of London *PhD Geomorphology*
Dissertation: "Transient Channel Forms in the Basento Catchment, Southern Italy"
(1977, directed by Professor Sir Ronald Cooke)

CAREER

1977-1978	Teaching Assistant, Research Assistant and Tutor, Department of Geography, University College London
1978-1980	Natural Environment Research Council Post-Doctoral Fellow, Department of Geography, University College London
1980-1981	Visiting Lecturer at the Universities of Cambridge and Keele; Consultant Researcher at the International Disaster Institute, London
1981-1991	Honorary Research Fellow, The International Disaster Institute (later the Relief and Development Institute), London
1982-1988	Assistant Professor of Geography, University of Massachusetts, Amherst
1988-1994	Associate Professor of Geography, University of Massachusetts Amherst
1988-1991	Visiting Professor, Universities of Siena and Urbino, Italy (various occasions)
1989-1992	Director of the Geography Graduate Program, University of Massachusetts at Amherst
1989-1993	Director of the Geography Program and Assistant Head of Department, University of Massachusetts at Amherst
1990	Associate Professor of Geology, Amherst College, Mass. (secondment)
1992-1995	Director of the European Studies Program, University of Massachusetts Amherst
1992-1996	Secretary, U.S. Interdisciplinary Working Group on the Health and Medical Effects of Natural Disasters
1993, 1994	Professor, Hydrogeological Hazards Summer School, University for Foreigners, Perugia, Italy
1994-2002	Full Professor of Geography, University of Massachusetts at Amherst
1995-1996	Visiting Professor, Department of Economic Geography, University of Florence, and Department of Earth Sciences, University of Siena
1995-2004	Lecturer (annually), SEU European Studies Postgraduate Institute, Perugia, Italy
1995-2004	Adjunct Member, CESPRO - Interdepartmental Centre for the Study of Hazards and Disasters, University of Florence

- 1995-1996 Principal Instructor, Province of Florence professional training course in emergency management
- 1997-2003 Consultant and Instructor to the Department of Civil Protection, Presidency of the Council of Ministers, Rome, Italy (various occasions and projects)
- 1999-2000 Director of Emergency Training Course, Lombardy Region, Milan, Italy
- 2000 Portsmouth 2000 distinguished lecture "Managing Hazards and Disasters: New Theories, New Imperatives," University of Portsmouth, UK, 21st May.
- 2001-2003 Member, International Geographical Union Commission on Hazards and Risks.
- 2002-2003 Professor of Disaster Management and Director of the Disaster Management Centre, Cranfield University at the Royal Military College of Science, UK
- 2003-2007 Member of the U.K. Advisory Committee for Natural Disaster Reduction (2005-07 ex officio member)
- 2003-2005 Member of the East of England Regional Resilience Forum, UK Government Office for the East of England, Cambridge, UK
- 2003-2007 Scientific Director of the Region of Lombardy Advanced School of Civil Protection, Milan, Italy
- 2004-2011 Member, Scientific Committees, Prato Research Foundation and CESPRO, University of Florence Centre for Risk and Civil Protection Studies, Italy.
- 2004 Subject Group Head and Professor, Disaster Management, Coventry University, Coventry, UK
- 2005-2009 Ministerial Contract Professor, Department of Public Health, Faculty of Medicine, University of Florence, Italy
- 2005-2010 Country representative for Italy, International Association of Emergency Managers
- 2007-2013 Member of the Advisory Board of the Institute for Global and Community Resilience, Huxley College, Western Washington University, USA
- 2009 -2011 Member of the social and economic science steering committee of the Global Earthquake Model (from 2010 also member of the Global Earthquake Model Earthquake Consequences Database (GEMECD) Advisory Committee.
- 2009-2011 PhD co-supervisor, Bicocca University, Milan, Earth Sciences Department (previously held a similar position at Milan State University)

- 2010-2019 External PhD examiner, University Lund; Masters thesis supervisor, and PhD examiner, University of Copenhagen.
- 2010-2019 Visiting Professor, Disaster Management Centre, University of Bournemouth, UK
- 2011 Peer reviewer in UK Government's Humanitarian Emergency Response Review (HERR)
- 2011-2012 Chief Senior Scientist, Global Risk Forum GRF Davos, Switzerland
- 2011-2012 Member of the UK NERC/ESRC Natural Hazards Advisory Group on Increasing Resilience in Natural Hazards (IRNH) in Earthquake-prone and Volcanic Regions
- 2011-2015 Academic Advisor to the Institute of Civil Protection and Emergency Management, and Executive Council Member.
- 2011-2019 Visiting Professor, Disaster and Development Centre, University of Northumbria, UK
- 2012 → Professor of Emergency Planning and Management, Department of Risk and Disaster Reduction, University College London
- 2012-2019 Affiliated Professor, Centre for Risk Assessment and Management (LUCRAM), University of Lund
- 2012 → Research Fellow, Global Risk Forum GRF Davos, Switzerland
- 2012-2016 Member of the London Resilience Academic Liaison Panel
- 2013-2019 Member of the External Supervisory Committee, PhD Programmes in Territory, Risk and Public Policy of the Universities of Lisbon, Coimbra and Aveiro and Visiting Professor, University of Coimbra
- 2013-2023 Member of the Scientific Committee of CERU Centre, University of Lisbon (European and Mediterranean Major Hazards Agreement Centre)
- 2013-2014 Committee member, International Disaster and Emergency Resilience (IDER)
- 2013-2014 Member, Scientific and Technical Committee, Fifth International Disaster and Risk Conference IDRC Davos 2014
- 2013-2014 Member, British Standards Institute (ISO) Committee on Societal Security
- 2013-2017 Member, Council of Europe Working Group on Disasters and People with Disabilities (author of CoE report, guidelines and declaration).
- 2015 → Vice-President and Chair of the Trustees (from 2016), Institute of Civil

Protection and Emergency Management

- 2015 → Chair of the Advisory Board of Resilience Guard, Switzerland
- 2017 → Elected member of the Board of Directors of the International Society for Integrated Disaster Risk Management (IDRiM), 2017-20, re-elected 2023
- 2018-2020 Scientific Committee member, International School of Landslide Assessment and Mitigation, University of Salerno
- 2019 → Global Advisory Council Member, Institute for Strategic Risk Management
- 2019-2025 Member of the Board of Directors of the Global Alliance of Disaster Research Institutes (GADRI)
- 2019-2025 Member of the Advisory Board of the UK Alliance for Disaster Research (moved from the Steering Committee in 2023)
- 2021 Specialist Adviser, House of Lords Select Committee on Risk Assessment and Risk Planning
- 2021-2023 Member of the International Working Group on Strategic Crisis Management in Europe, part of the European Commission's Scientific Advice Mechanism (SAM)
- 2022-2023 UK Government Office for Science Resilience Foresight Project Expert Advisory Group member
- 2022-2023 Expert Working Group member, UK Cabinet Office initiative on revision of the National Security Risk Assessment
- 2022 → Visiting Professor, Yamaguchi University, Japan
- 2022 → Cross-Appointment Professor, Tōhoku University, Japan
- 2023 Distinguished Visiting Professor, Kyoto University, Japan
- 2024 → Member of the Academic and Professional Review Panel, London Fire Brigade Assessment of Risk initiative
- 2024 → External Board member of the EC Horizon-2020 project EUMA on disaster education
- 2025 → Lecturer, Accademia dei Lincei education programme for schools, Italy

EDITORIAL WORK

Founding Editor, *International Journal of Disaster Risk Reduction* (Elsevier), Editor-in-

Chief 2011-2024.

Editor-in-Chief, *Environmental Management*, Springer-Verlag, New York 1985-2002
Editor, Springer Book Series on Environmental Management, New York, 1995-2001

Co-Editor, *Disasters* journal, Wiley-Blackwell, Oxford, UK, 2002-2015

Editorial board memberships:-

Planet@Risk e-journal (GRF Davos, Managing Editor, 2012)

Disasters (Wiley, Oxford) 1988-present (co-editor 2002-2015)

Natural Hazards (Springer, Dordrecht), 1992-2011.

Natural Hazards and Earth System Science (European Geophysical Union), 2004-6

Disaster Prevention and Management (MCB University Press, UK), 1997-present

Environmental Management journal (Springer, New York), 2002-2020 (Editor-in-Chief, 1985-2001)

Geomorphology journal (Elsevier, Amsterdam), 2002-2025

Journal of Geography and Natural Disasters, 2011-2017

Journal of Seismology and Earthquake Engineering (IIEES, Tehran), 2004-present

Integrated Disaster Risk Management Journal (Kyoto University, Japan), 2010-present

Alert (Institute of Civil Protection and Emergency Management) 2010-present

Jàmbá: Journal of Disaster Risk Studies (University of Potchefstroom), 2011-present

PLoS Currents - Disasters (Public Library of Science, UK), 2011-2018

Journal of Natural Resources Policy Research, 2013-2016

Archives of Safety and Injury Research (Shaheed Beheshti Univ., Iran), 2015-present

International Journal of Earthquake and Impact Engineering (Inderscience) 2016-present

Geographies of the Anthropocene (Il Sileno), 2017-2025

Continuity and Resilience Review (Emerald), 2018-2023

Progress in Disaster Science (Elsevier), 2019-present

Italian Journal of Planning Practice (www.ijpp.it), 2019-2025

Journal of Strategic Risk Management (Institute for Strategic Risk Mgt); 2019-present

PROFESSIONAL ORGANIZATIONS

Fellow: Royal Geographical Society and Institute of British Geographers
Royal Society of Arts and Manufactures (RSA)
The Geological Society, London (GSL)
Institute of Civil Protection and Emergency Management (ICPEM)
(Vice-President and Chair of Trustees)
Institute of Strategic Risk Management (ISRM)

Member: The International Research Committee on Disasters (IRCD)
Earthquake Engineering Field Investigation Team (EEFIT)
International Seismic Safety Organisation (ISSO)
Integrated Disaster Risk Management Society (IDRiM)

Honorary Member: Emergenza Associazione per Coordinatori di Emergenza
Founding Member: Istituto di Ricerca e Formazione in Emergency Management (IIR)
Trustee: Professionisti ed Esperti per la Protezione Civile (P.E.Pro.Civ.)

HONOURS

Winner of the 1987 Publication Award of the Association of Engineering Geologists

Environmental Management was inscribed in the *Global 500* Role of Honour for Environmental Achievement of the United Nations Environment Program in 1987

Springer-Verlag New York award for editorial services, 1985-2001

Awarded the Santa Barbara medal of the Italian National Volunteer Fire Brigades for services to emergency education and training, 15 May 2009

Winner of the Distinguished Research Award of the International Society for Integrated Disaster Risk Management (IDRiM), 5 September 2013

Elsevier award for 125 manuscript reviews conducted for the journal *Geomorphology*, November 2013 (currently 300 reviews).

American Publishers Awards for Professional and Scholarly Excellence (the PROSE Awards), 2015 "honourable mention" for the *International Journal of Disaster Risk Reduction*, which I founded and edited (2012-2024) on behalf of Elsevier.

Outstanding reviewer award, *Disaster Prevention and Management* (Emerald), 2015.

Institute for Strategic Risk Management "Fellow of the Year", 2023.

COURSES TAUGHT

Undergraduate: Environmental Management; Environmental Policy; Geography of Western Europe; The Natural Environment; Natural Disasters; Tropical Geomorphology, Humanitarian Crisis Management

Postgraduate, advanced and professional courses: Advanced Geomorphology; Disaster Management; Emergency Planning, Emergency Management; Geomorphology; Human Impact on the Natural Environment; Natural Hazards; Interdisciplinary Aspects of Landslides; Soil Erosion; Research Appraisal; Master of Civil Protection; Research Funding and Appraisal

Disaster Management modules of postgraduate degrees in Defence Logistics; Defence Management, Emergency Nursing, Emergency Psychology. Global Security, Remote Sensing

Courses and modules taught at:-

USA: University of Massachusetts at Amherst, Amherst College

UK: Universities of Cambridge, Coventry and Keele; Cranfield University (Royal Military College of Science), UCL

Italy: Universities of Florence, Siena, Palermo and Urbino; Italian University for

Foreigners (Perugia); Marche and Milan Polytechnics; Provinces of Florence and Pistoia; Region of Lombardy, SEU European Postgraduate Institute (Perugia), European Institute of Psychotraumatology (Albenga, Liguria) and other places
 Fiji: University of the South Pacific
 Japan: Tōhoku and Yamaguchi Universities

RESEARCH PROJECTS FUNDED

1974-77	"Mediterranean Geomorphological Processes," Natural Environment Research Council (U.K.) Research Studentship
1978-80	"Evolution of Clay Badlands in Italy," NERC Post-Doctoral Fellowship
1980	"Accelerated Erosion in Italy," Research Grant of the Central Research Fund, London University, and Royal Society of England
1981-83	"Disaster Relief Logistics," Sir Samuel Scott of Yews Trust
1982-83	"Seismic and Non-Seismic Landslides," Research Grant, Univ. of Mass.
1983-84	"Two Italian Landslides--Geomorphology and Hazards," University of Massachusetts
1983	"Stability of the Lucanian Dolomites in Basilicata," Comunità Montana Media Basento grant
1983-84	"Government and Relief Organization Response to Italian Earthquake Disasters," Natural Hazards Center "Quick Response" Grant, Boulder, Colorado
1983-86	"Stability of the Great Ancona Landslide," Municipality of Ancona grant
1985-86	"Structural Geology and Mass Movement at Monte Nerone, Italy," University of Massachusetts
1986-87	"Development and Amplification of the Landslide Damage Intensity Scale," Joseph P. Healey Endowment grant
1987-88	"The Changing Geography of the Vesuvian Villas," Healey Endowment grant
1987-88	"Geomorphology of Cuyo-Cuyo, Southern Peru," Consultant to National Science Foundation Project, University of North Carolina
1989-90	"Seismic and Non-Seismic Urban Landslides," National Center for Earthquake Engineering Research, Buffalo, New York
1994-96	"Second National Workshop on Earthquake Casualty Estimation" (U.S. National Science Foundation, State of California)

1999-2000	"Information technology and disaster management". University of Florence, Italy.
2004-06	"Procapites: Information Systems for Emergency Management in Europe's Capital Cities", European Union, Municipality of Rome, €330,000 (co-author of proposal).
2005-07	OPERE, Emergency planning system for European civil protection services, Province of Rome (€300,000) (team member)
2005-09	Ministerial Professorship in Disaster Epidemiology, University of Florence (€320,000)
2008-11	Member of the Proximity Emergency Network for Common European Communications (PENforCEC) EC-funded project run by colleagues in Rome, Lisbon and the Hague.
2008-11	Project MOVE: Methods for the Improvement of Vulnerability Assessment in Europe, University of Florence - leader of 13 partners (€2,083,427)
2010-11	MICRODIS, L'Aquila earthquake epidemiological study (€150,000)
2011	NATO Advanced Training Course on Integrated Emergency Response, University of Florence (€70,000)
2013-16	FORTRESS - EC Project on Cascading Disasters (€214,216)
2019-20	Comparison of Cascading Effects in Major Incidents, Emergencies, Disasters and Potential Disasters for Northeast Japan and Southeast England, Including London (UCL funding)
2021-2024	Part of the EC Horizon-2020 project RiskPACC, on risk communication
2022-2023	Research on developments in the reconstruction of Fukushima Prefecture, Japan (£10,000)
2024 →	Part of the EC Horizon-2020 project AGILE on high-impact, low probability events
2025-2026	Earthquake Engineering Field Investigation Team (EEFIT) grant for research in Japan.

PRINCIPAL CONSULTANCY WORK

1987-89	Geomorphological basis of the revised urban plan and urban reconstruction plan, Tricarico, Italy.
1995-2002	Design of the Master of Civil Protection Course, University of Florence

2000	Landslide risk analysis, for Umbria Regional Government and National Research Council, Italy.
2000	Member, Commission on the establishment of an MSc degree in Environmental Management, Hong Kong Baptist University.
2000-02	Training consultation work, U.S. Federal Emergency Management Agency
2002-03	Blueprint for the Italian National Academy of Civil Protection and high-level training course in disaster management.
2004-07	Procapites and OPERE projects, as listed above.
2005-07	Region of Umbria Cultural Heritage in Disaster emergency organisation and training project (for Villa Montesca training centre, Città di Castello)
2008	Organisational Model for Takatof, Volunteer Emergency Response Organisation of Abu Dhabi, United Arab Emirates
2012-13	Planning and training against earthquakes, floods and pandemics for Cosmote Telecommunications SA, Athens.
2014	Emerging risk landscape studies for the insurance industry.
2024	National earthquake preparedness in a Middle East country.
2025	Advisory role for the Irish Government's Civil Protection Service
2024-25	Advisory role for London Fire Brigade

SELECTED PUBLICATIONS

BOOKS

Alexander, D.E. 1990. *Calamità naturali: lineamenti di geologia ambientale e studio dei disastri*. Pitagora Editrice, Bologna, 284 pp.

Alexander, D.E. 1993. *Natural Disasters*. University College London Press, London, and Kluwer Academic Publishers, Boston, 632 pp. (reprinted by Routledge and other publishers until the present)

Alexander, D.E. 1994. *Natural Disasters Study Guide*. Kendall-Hunt, Dubuque, Iowa, 187 pp.

Alexander, D.E. and R.W. Fairbridge (eds) 1999. *The Encyclopedia of Environmental Science*, Encyclopedia of Earth Sciences Series. Kluwer Academic Publishers, Dordrecht, 741 pp.

Fontanari, P., S. Pittino, D. Alexander and S. Boncinelli (eds) 1999. *La Protezione Civile verso gli Anni 2000*. CISPPO, Consiglio Nazionale delle Ricerche, Florence, Italy, 405 pp.

Alexander, D.E. 2000. *Confronting Catastrophe: New Perspectives on Natural Disasters*. Oxford University Press, New York, 282 pp.

Alexander, D.E. 2002. *Principles of Emergency Planning and Management*. Oxford University Press, New York, 340 pp. Translated into Arabic by Marwa Hafez and published by the Egyptian National Centre for Translation in Alexandria, 2022.

Alexander, D., C.H. Davidson, A. Fox, C. Johnson and G. Lizzaralde (eds) 2007. *Post-Disaster Reconstruction: Meeting Stakeholder Needs*. Firenze University Press, Florence, 462 pp.

Alexander, D., E. Masini and L. Mugnai (eds) 2013. *Integrated Emergency Management for Mass Casualty Emergencies*. NATO Science for Peace and Security Programme, IOS Press, Amsterdam, 100 pp.

Birkmann, J., S. Kienberger and D. Alexander (eds) 2014. *Assessment of Vulnerability to Natural Hazards: A European Perspective*. Elsevier, Amsterdam, 219 pp.

Alexander, D. and S. Sagramola 2014. *Major Hazards and People with Disabilities: Their Involvement in Disaster Preparedness and Response*. Council of Europe, Strasbourg, 65 pp./ *Risques Majeurs et Personnes Handicapées: Leur participation à la préparation et à la réaction aux catastrophes*. Council of Europe, Strasbourg, 64 pp. Крупные Катастрофы И Люди С Ограниченными Возможностями (2021).

Davis, I. and D. Alexander 2015. *Recovery from Disaster*. Routledge, Abingdon, UK, 357 pp.

Alexander, D.E. 2016. *How to Write an Emergency Plan*. Dunedin Academic Press, Edinburgh and London, 268 pp. Also published in Chinese translation by China Meteorological Press, Beijing.

SELECTED JOURNAL ARTICLES

Alexander, D.E. 1979. Simulation of channel morphology: problems and prospects. *Progress in Physical Geography* 3(4): 544-572. DOI:10.1177/03091333790030040

Rendell, H.M. and Alexander, D.E. 1979. Note on some spatial and temporal variations in ephemeral channel form. *Geological Society of America Bulletin* 90(8): 761-772. DOI:10.1130/0016-7606(1979)90<761:NOSSAT>2.0.CO;2

- Alexander, D.E. 1980. Demodulation of channel morphological series. *Mathematical Geology* 12(1): 79-84. DOI: [10.1007/BF01039906](https://doi.org/10.1007/BF01039906)
- Alexander, D.E. 1980. The Florence floods: what the papers said. *Environmental Management* 4(1): 27-34. DOI: [10.1007/BF01866218](https://doi.org/10.1007/BF01866218)
- Alexander, D.E. 1980. I calanchi: accelerated erosion in Italy. *Geography* 65(2): 95-100.
- Alexander, D.E. 1981. Disaster in southern Italy, November 1980. *Geographical Magazine* 53(9): 553-561.
- Alexander, D.E. 1981. Preliminary assessment of landslides resulting from the earthquake of 23rd November 1980 in southern Italy. *Disasters* 5(4): 376-383. DOI: [10.1111/j.1467-7717.1981.tb01110.x](https://doi.org/10.1111/j.1467-7717.1981.tb01110.x)
- Alexander, D.E. 1982. Leonardo da Vinci and fluvial geomorphology. *American Journal of Science* 282(6): 735-755. DOI: [10.2475/ajs.282.6.735](https://doi.org/10.2475/ajs.282.6.735)
- Alexander, D.E. 1982. Florence flood hazard: finding a way out of the chaos. *Disasters* 6(1): 8-9. DOI: [10.1111/j.1467-7717.1982.tb00737.x](https://doi.org/10.1111/j.1467-7717.1982.tb00737.x)
- Alexander, D.E. 1982. Disease epidemiology and earthquake disaster: the example of southern Italy after the November 23, 1980, earthquake. *Social Science and Medicine* 16(22): 1959-1969. DOI: [10.1016/0277-9536\(82\)90399-9](https://doi.org/10.1016/0277-9536(82)90399-9)
- Alexander, D.E. 1982. In Italy, "creeping disaster" speeds up. *Geotimes* 27(11): 17-20.
- Alexander, D.E. 1983. Environmental geology: a hazard in its own right? *Environmental Management* 7(2): 125-128. DOI: [10.1007/BF01867273](https://doi.org/10.1007/BF01867273)
- Alexander, D.E. 1983. Earthquakes and the continuing problem of landslides in southern Italy. *Disasters* 7(2): 88-90. DOI: [10.1111/j.1467-7717.1983.tb00799.x](https://doi.org/10.1111/j.1467-7717.1983.tb00799.x)
- Alexander, D.E. 1983. God's Handywork in Wonders -landslide dynamics and natural hazard implications of a sixteenth century disaster. *Professional Geographer* 35(3): 314-323. DOI: [10.1111/j.0033-0124.1983.00314.x](https://doi.org/10.1111/j.0033-0124.1983.00314.x)
- Alexander, D.E. 1984. Sturzstrom in the Upper Rhône Valley, 1584. *Disasters* 8(1): 3-5. DOI: [10.1111/j.1467-7717.1984.tb00843.x](https://doi.org/10.1111/j.1467-7717.1984.tb00843.x)
- Alexander, D.E. 1984. Housing crisis after natural disaster: the aftermath of the November 1980 southern Italian earthquake. *Geoforum* 15(4): 489-516. DOI: [10.1016/0016-7185\(84\)90021-6](https://doi.org/10.1016/0016-7185(84)90021-6)
- Alexander, D.E. 1984. The reclamation of Val-di-Chiana (Tuscany). *Annals of the Association of American Geographers* 74(4): 527-550. DOI: [10.1111/j.1467-8306.1984.tb01472.x](https://doi.org/10.1111/j.1467-8306.1984.tb01472.x)
- Alexander, D.E. 1984. Building damage by landslide: the case of Ancona, Italy. *Ekistics* 51(308): 452-462.
- Alexander, D.E. 1985. Death and injury in earthquakes. *Disasters* 9(1): 57-60. DOI: [10.1111/j.1467-7717.1985.tb00911.x](https://doi.org/10.1111/j.1467-7717.1985.tb00911.x)
- Alexander, D.E. 1985. Culture and the environment in Italy. *Environmental Management* 9(2): 121-133. DOI: [10.1007/BF01867112](https://doi.org/10.1007/BF01867112)
- Alexander, D.E. 1986. Dante and the form of the land. *Annals of the Association of American Geographers* 76(1): 38-49. DOI: [10.1111/j.1467-8306.1986.tb00102.x](https://doi.org/10.1111/j.1467-8306.1986.tb00102.x)
- Alexander, D.E. 1986. Landslide damage to buildings. *Environmental Geology and Water Science* 8(3): 147-151. DOI: [10.1007/BF02509902](https://doi.org/10.1007/BF02509902) Also in *Chinese Geological Translations* 6(3): 78-80 (Beijing, 1989).
- Alexander, D.E. 1986. Northern Italian dam failure and mudflow, July 1985. *Disasters* 10(1): 3-7. DOI: [10.1111/j.1467-7717.1986.tb00560.x](https://doi.org/10.1111/j.1467-7717.1986.tb00560.x) Republished in G. Tosatti (ed.) *A Review of the Scientific*

Contributions on the Stava Valley Disaster (Eastern Italian Alps, 19th July 1985. Consiglio Nazionale delle Ricerche, Pitagora Editrice, Bologna: 5-11.

Alexander, D.E. and H.M. Rendell 1986. Stability of the "Lucanian Dolomites" sandstone outcrop, southern Italy. *Bulletin of the Association of Engineering Geologists* 23(3): 297-316. DOI: [10.2113/gseegeosci.xxiii.3.297](https://doi.org/10.2113/gseegeosci.xxiii.3.297)

Alexander, D.E. and H.M. Rendell 1986. Quality of construction, surficial geology and mass movement: the effect of the 1980 earthquake in southern Italy. *Geologia Applicata e Idrogeologia* 21(3): 41-56.

Alexander, D.E. 1987. Land of disasters. *Geographical Magazine* 59(5): 226-231.

Alexander, D.E. 1988. Relief inversion by denudation of the Monte Nerone anticline, central Italy. *Geomorphology* 1(2): 87-109. DOI: [10.1016/0169-555X\(88\)90009-8](https://doi.org/10.1016/0169-555X(88)90009-8)

Alexander, D.E. 1988. A review of the physical geography of Malta and its significance for tectonic geomorphology. *Quaternary Science Reviews* 7(1): 41-53. DOI: [10.1016/0277-3791\(88\)90092-3](https://doi.org/10.1016/0277-3791(88)90092-3)

Alexander, D.E. 1988. Valtellina landslide and flood emergency, northern Italy, 1987. *Disasters* 12(3): 212-222. DOI: [10.1111/j.1467-7717.1988.tb00671.x](https://doi.org/10.1111/j.1467-7717.1988.tb00671.x)

Alexander, D.E. 1988. Developing a landslide damage scale: the lessons of the Great Ancona Landslide of 1982. *Ground Failure* 4: 1, 9-11.

Alexander, D.E. 1989. Urban landslides. *Progress in Physical Geography* 13(2): 157-191. DOI: [10.1177/030913338901300201](https://doi.org/10.1177/030913338901300201) Also published as: Alexander, D.E. 1989. Urban landslides. *Proceedings of the Italy-United States Joint Seminar on Preparation for, Response to, and Recovery From Major Community Disasters*. Disaster Research Center, University of Delaware, October 1986: Vol. 2, 226-252.

Alexander, D.E. and L. Coppola 1989. Structural geology and the dissection of alluvial fan sediments by mass movement: an example from the southern Italian Apennines. *Geomorphology* 2(4): 341-361. DOI: [10.1016/0169-555X\(89\)90019-6](https://doi.org/10.1016/0169-555X(89)90019-6)

Alexander, D.E. 1989. Preserving the identity of small settlements during post-disaster reconstruction in Italy. *Disasters* 13(3): 228-236. DOI: [10.1111/j.1467-7717.1989.tb00712.x](https://doi.org/10.1111/j.1467-7717.1989.tb00712.x)

Alexander, D.E. 1990. Behaviour during earthquakes: a southern Italian example. *International Journal of Mass Emergencies and Disasters* 8(1): 5-29.

Alexander, D.E. 1991. Applied geomorphology and the impact of natural hazards on the built environment. *Natural Hazards* 4(1): 57-80. DOI: [10.1007/BF00126559](https://doi.org/10.1007/BF00126559)

Alexander, D.E. 1991. Natural disasters: a framework for research and teaching. *Disasters* 15(3): 209-226. DOI: [10.1111/j.1467-7717.1991.tb00455.x](https://doi.org/10.1111/j.1467-7717.1991.tb00455.x)

Alexander, D.E. 1991. Information technology in real-time for monitoring and managing natural disasters. *Progress in Physical Geography* 15(3): 238-260. DOI: [10.1177/030913339101500302](https://doi.org/10.1177/030913339101500302)

Alexander, D.E. 1992. On the causes of landslides: human activities, perception and natural processes. *Environmental Geology and Water Sciences* 20(3): 165-179. DOI: [10.1007/BF01706160](https://doi.org/10.1007/BF01706160)

Alexander, D.E. and R. Formichi 1993. Tectonic causes of landslides. *Earth Surface Processes and Landforms* 18(4): 311-338. DOI: [10.1002/esp.3290180403](https://doi.org/10.1002/esp.3290180403)

Alexander, D.E. 1994. The Farakka Barrage and its effects on the geology of the Bengal Basin. *South Asia Forum Quarterly* 7(2): 1-3.

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