

KEY ESTEEM INDICATORS

- 2007-present: Technical Advisor, National Slopes Masterplan, Malaysian Government (Public Works Department)
- 2007-present: Secretary, Landslides section, European Geosciences Union
- 2006-present: Honorary Secretary, Royal Geographical Society – Institute of British Geographers
- 2006-present: Member, NERC Peer Review College.
- 2006-present: Member, Editorial Board of *GeoRisk*, published by Springer.
- 2005-present: Member, Editorial Board of *Landslides*, published by Springer.
- 2004-present: Technical expert, Landslide Investigation Consultancy, Hong Kong (four contracts, joint with industry).
- 2004-2007: Member, Editorial Board of the *Journal of the Nepal Geological Society*.
- 2004-present: Member, Chartered Geographer assessment committee of the Royal Geographical Society.
- 2004-2006: Member, Mount Everest Foundation grant awarding committee.
- 2003-present: Chair of the RGS-IBG Mountain Research Group.
- 2002-present: Member, Geological Society of London Working Group on Geohazards.
- 1999-2003: Founding Committee member and Treasurer, RGS-IBG Mountain Research Group.

OTHER ESTEEM INDICATORS

- 2007: Invited research seminar, Department of Earth Science and Geography, Kingston University
- 2007: Invited lecture, New Zealand Geotechnical Society, Wellington branch.
- 2007: Invited lecture, New Zealand Geotechnical Society, Auckland branch.
- 2007: Invited research seminar, Institute of Geological and Nuclear Sciences, New Zealand.
- 2007: Full day workshop (350 participants), Public Works Division, Kuala Lumpur, Malaysia.
- 2007: Two solicited papers, European Geosciences Union General Assembly, Vienna.
- 2006: Solicited paper, American Geophysical Union Fall Meeting, San Francisco.
- 2006: Invited speaker, 10th Taiwan Geography Conference, Taipei
- 2006: Invited speaker, International Seminar on *The Role of the Geomorphologist in Natural Hazard Management*, Taipei
- 2006: Invited research seminar, Department of Geography, National Taiwan Normal University
- 2006: Invited research seminar, Department of Earth Sciences, UCL.
- 2006: Invited research seminar, Department of Geography, University of Portsmouth.
- 2006: Invited keynote speaker, INTERPRAEVENT workshop on *Landslides in the aftermath of the October 2005 earthquake in Pakistan*, Niigata, Japan, September 2006.
- 2006: Keynote speaker, *Urban Landslides* session, 10th International Congress of the International Association of Engineering Geologists, Nottingham, September 2006.
- 2006: Keynote speaker, *International Conference on Slopes*, Malaysia, August 2006.
- 2006: Session Chair and discussion panelist, *International Conference on Slopes*, Malaysia, August 2006.
- 2006: Invited paper, Scottish Universities Geotechnical Network Workshop on *Geotechnics and Water*.
- 2006: Invited paper, Yorkshire Geotechnical Group annual meeting.
- 2006: Invited research seminar, Department of Earth Science, National Taiwan University.
- 2006: Invited keynote speaker, funded by the National Science Council of Taiwan, at the 2nd *Taiwan-Germany Quaternary Symposium*, Taipei.
- 2005: Invited (solicited) Paper, European Geosciences Union 2nd Assembly, Nice, April 2005.
- 2005: Invited (solicited) paper for session P16: “*Terrestrial and Planetary Surface Processes From Lidar, Radar, and Imaging*” at the American Geophysical Union Fall Meeting, San Francisco, December 2005.
- 2005: Convenor, Session on *Multidisciplinary approaches for natural hazard assessment in upland environments* at the RGS-IBG annual conference, London, September 2005.
- 2005: Invited session chair, *International Conference on Landslide Risk Assessment*, Vancouver, Canada, June 2005.
- 2005: Invited keynote lecture, International Association of Engineering Geologists Fifth Asian Regional Conference on *Engineering Geology For Major Infrastructure Development And Natural Hazards Mitigation*, Kathmandu, September 2005.
- 2005: Invited keynote lecture at the *International Workshop on Landslide Hazard Management*, Kathmandu, September 2005.
- 2005: Invited keynote lecture at the *International Symposium on Landslide Hazards in Orogenic Zones, from the Himalaya to Island Arcs in Asia*, Kathmandu, September 2005.

- 2005: Invited speaker at specially convened joint meeting of the Hong Kong Geological Society and the Hong Kong Institute of Mining, Metallurgy and Mineral Exploration.
- 2005: Invited Research Seminar, Malaysian Geological Survey.
- 2005: Invited Research Seminar, Department of Geology, UKM Malaysia.
- 2005: Invited research workshop (2 days), Research Institute for Geology and Mineral Resources, Hanoi, Vietnam.
- 2005: Invited seminar, Inter-American Development Bank, Washington DC, USA.
- 2004: Invited lecture, *Committee on Earth Observation Satellites Workshop on Natural Disasters*, Beijing.
- 2004: Convenor, organiser and Chair of a three day workshop entitled *Landslides triggered by earthquakes*, Kathmandu, Nepal.
- 2004-present: Editor, 'Landslides' section of the Open Directory Project (ODP).
- 2004: Co-convenor, Session on *Processes of river/floodplain interaction and river bank deformation*, European Geophysical Society General Assembly, Nice.
- 2004: Invited paper, Committee on Earth Observation Satellites Workshop on natural disasters, Beijing.
- 2004: Invited research seminar, Department of Earth Sciences, University of Leeds.
- 2004: Invited research seminar, Department of Geography, University of Bonn.
- 2004: Invited (funded) seminar, Faculdade de Letras da Universidade do Porto, Portugal.
- 2004: Invited seminar, Government Engineering Office, Hong Kong.
- 2004: Invited keynote paper at a Sino-German conference on '*Morphodynamics in the Mountains of Taiwan since the Late Pleistocene*', Taipei, Taiwan.
- 2004: Invited (funded) seminar, Faculdade de Letras da Universidade do Porto, Portugal.
- 2004: Invited (funded) seminar, Department of Earth Sciences, University of Sannio, Italy.
- 2004: Invited departmental seminar, Department of Geography, National Taiwan University, Taiwan.
- 2003: Invited convenor and session chair on *Hillslope Hazards* at the International Geomorphological Union Conference on Geomorphological Hazards, Mexico City.
- 2003: Co-convenor, BGRG Spring Field Meeting.
- 2003: Invited speaker at specially convened joint meeting of the Hong Kong Institute of Engineers and the Hong Kong Institute of Mining, Metallurgy and Mineral Exploration.
- 2003: Invited departmental seminar, Department of Geography, National Taiwan Normal University, Taiwan.
- 2003: Keynote speaker, International symposium on Mountain Hazards, Huaraz, Peru.
- 2003: Two invited papers, International conference on Sustainable Slope Development, Kathmandu.
- 2002: Two invited papers, American Geophysical Union Fall Meeting, San Francisco, USA.
- 2002: Keynote speaker and session chair, Mountain Hazard Symposium, Kathmandu, Nepal.
- 2002: Invited participant, NATO Advanced Research Workshop on Massive Rockslope Failure.
- 2001: Keynote speaker & session chair, Landslide Hazard Assessment Symposium, Kathmandu, Nepal.
- 2001: Chair, *Neotectonics and Geomorphology* session at the IGU Conference, Tokyo
- 2001: Convenor and session chair, *Kathmandu Workshop on Geomorphology, GIS and Remote Sensing*.
- 2000: Convenor and session chair, *Mountain Hazards* session at RGS-IBG conference, Sussex.
- 2000: Keynote speaker and session chair, International Mountain Hazard Symposium, Nepal.
- 1999: Invited presenter, inaugural Geologists' Association Research Masterclass, London.
- 1999: Workshop leader, RGS-IBG seminar on expedition planning, London.
- 1998: Workshop leader, RGS-IBG seminar on expedition planning, London.
- 1997: Invited session chair for *Landscape Sensitivity* Conference, London.
- 1996: Invited session chair for *Third Sino-British Geology Conference*, Taipei.

POST-DOCTORAL RESEARCHERS

- 2002-2006: Dr Nicholas Rosser: Coastal processes associated with deep mining. Funded by Cleveland Potash Ltd
2004-2005: Dr Toru Higuchi: Deformation and landslide processes. Funded by International Landslide Centre
2004-2007: Dr Stuart Dunning: Deformation and landslide processes. Funded by International Landslide Centre / Cleveland Potash Ltd
2006: Dr Wishart Mitchell: Landslide processes in Kashmir, Pakistan. Funded by NERC
2007-2010: To be appointed: Willis Research Network Fellow, Funded by Willis Reinsurance

POSTGRADUATE RESEARCH STUDENTS (PhD AND MScR)

Completed

- 1997-2001: Firuz Ramli (Full-time PhD student, completed and examined in 3 yrs, 8 months)
The use of the Airborne Thematic Mapper (ATM) imagery in the detection and analysis of landslides in temperate regions. Government of Malaysia Scholarship.
1997-2004: Andrew Gibson (Part-time PhD student, completed and examined in 6 years, 11 months)
The spectral characteristics of temperate landslides. University of Portsmouth.
1997-2005: Tony Wilson (Part-time PhD student, completed and examined in 7 years, 10 months)
Landslide mechanisms in the Italian dolomites. EU scholarship.
2001-2004: Sergio Sepulveda (PhD student, completed and examined in 2 years, 9 months).
The role of topographic amplification in the generation of landslides during seismic events. Government of Chile studentship.
2002-2006 Michael Lim (Full-time PhD student, completed and examined in 3 years 6 months).
Processes of coastal cliff collapse in N. Yorkshire. Cleveland Potash Ltd
2002-2006 Matthew Brain (Full-time PhD student, completed and submitted in 3 years 9 months).
Constructing a model for compaction and consolidation in the for use in RSL reconstruction in salt marshes. NERC.
2002-2006 Ilona Kemeling (Full-time PhD student, completed and examined in 3 years 11 months).
The use of SAR interferometry in the monitoring of subsidence. Cleveland Potash Ltd
2003-2007: Kit-Ying Ng (Full-time PhD student, completed and examined in 3 years 8 months). Mechanisms of shallow rainfall-induced landslides in residual soils in humid tropical environments. Croucher Foundation, Hong Kong and ORS.
2004-2005: Katie Oven (Full time MRes student, completed in 12 months).
Landslide vulnerability. Self-funded.

Ongoing

- 2003-present: Christopher Massey (Part-time PhD student). Understanding landslide mechanisms using a forensic approach. Scott Wilson Kirkpatrick Ltd
2003-present: Jonathon Carey (Part-time PhD student). Deformation processes in landslides. Halcrow Ltd.
2005-present: Katie Oven (Full time PhD student). Landslide vulnerability. University Fellowship.
2006-present: Ndongala Mabeka (Full time PhD student). Subsurface and surface deformation associated with deep mining. Cleveland Potash Ltd.
2007-present: Mohamad Al-Ali (Full time PhD student). The use of remote sensing technologies for disaster assessment. UAE Government.
2007-present: Emma Norma (Full time PhD student). The analysis of rockfall activity on coastal cliffs.

GRANTS AND RESEARCH FUNDING

Alumni benefactions

Year	Awarding body	Role	Total Value	Status	
2005	Benefactor	PI	£1,280,000	Successful	Benefaction to the Institute for Hazard and Risk Research
2005	Benefactor	PI	£1,000,000	Successful	Benefaction to the Institute for Hazard and Risk Research
2003	Benefactor	PI	£212,642	Successful	The establishment of the International Landslide Centre at the University of Durham

Full Economic Cost awards

Year	Awarding body	Role	Total Value	Status	
2007	Willis Reinsurance	CoI	Confidential	Successful	Member, Willis Research Network
2007	Cleveland Potash Ltd	PI	Confidential	Successful	Geomorphological processes associated with deep potash mining
2006	Partnership Venture Fund	CoI	£26,000 (UoD = £10k)	Successful	The development of autonomous slope monitoring systems, joint with TecnoVeritas Ltd
2006	Partnership Venture Fund	CoI	£63,000 (UoD = £10k)	Successful	The development of a new generation of fixed laser scanners, joint with Measurement Devices Ltd
2006	NERC	PI	£62,014 (FEC); £49,612 (80%)	Successful	The mechanisms of progressive landslides: Kashmir study
2006	National Grid Wireless	PI	Confidential	Successful	Cliff processes and mechanisms, Whitby

Grants prior to Full Economic Cost charging

Year	Awarding body	Role	Value	Status	
2005	Cleveland Potash Ltd	PI	Confidential	Successful	Coastal behaviour and processes in North Yorkshire (contract extension)
2004	NERC	PI	£12,259	Successful	The development of progressive failure in cohesive landslides
2004	Shetland Council / Halcrow	PI	Confidential	Successful	Deformation processes governing slides in peat deposits
2004	Scott Wilson Kirkpatrick Ltd	PI	Confidential	Successful	The use of terrestrial laser scanning for slope characterisation, Gibraltar
2004	Cleveland Potash Ltd	PI	Confidential	Successful	Landslide processes in Runswick Bay, North Yorkshire
2004	Redcar and Cleveland Council	PI	£26,438	Successful	Geomorphological processes, Skinninggrove, Cleveland
2003	Cleveland Potash Ltd	PI	Confidential	Successful	Pore pressure variations in unstable slopes, North Yorkshire

2003	Cleveland Potash Ltd	PI	Confidential	Successful	Seafloor geomorphology, North Yorkshire coast
2003	Crown Castle Ltd	PI	Confidential	Successful	Cliff process monitoring, Whitby
2003	European Space Agency	PI	€125,000 EV	Successful	The use of radar interferometry in surface deformation monitoring
2003	British Embassy Nepal	PI	£17,200	Successful	Seismically-induced landslides along the Kathmandu access roads, Nepal
2002	Crown Castle Ltd	CoI	Confidential	Completed	Cliff processes and mechanisms, Whitby
2002	EU Asia Link	Country Leader	£27,000	Completed	LANDMAN: The development of an online curriculum for landslide managers
2002	Cleveland Potash Ltd	CoI	Confidential	Successful	Coastal behaviour and processes in North Yorkshire
2001	Royal Society	Participant	£12,000	Completed	Natural hazards research in Taiwan – a collaborative initiative
2000	NASA	Participant	\$100,000 EV	Completed	Radar imagery provision for the investigation of interferometry in landslide monitoring
2000	DFID	CoI	£640,000	Completed	Landslide risk assessment in the rural access sector
2000	NASA/ESA	Participant	\$200,000	Completed	The use of radar interferometry for landslide monitoring
1999	Ministry of the Interior, Taiwan	PI	£2,500	Completed	Landslide investigation during tropical cyclones
1999	NERC	PI	£8,100	Completed	Topographic amplification in landslide initiation during the 1999 Chi-Chi earthquake, Taiwan
1998	EU	Scholarship	£600	Completed	Attendance at conference
1997	EU FPIV	CoI	€82,000	Completed	Landslide runout processes for large slope failures
1996	EU	Scholarship	£600	Completed	Attendance at conference
1996	Ministry of the Interior, Taiwan	PI	£8,000	Completed	Landslide investigation during tropical cyclones
1995	British Council	PI	£800	Completed	Taiwan collaboration

RESEARCH PEER REVIEW

Reviews of Research Grant Applications (year of most recent review)

- Natural Environment Research Council (NERC) (2007)
- Engineering and Physical Sciences Research Council (EPSRC) (2006)
- National Science Foundation, USA (2006)
- *Tiroler Wissenschaftsfonds*, University of Innsbruck (2007)
- Hong Kong Research Council (2004)
- French National Agency of Research (ANR) (2005)
- Rockefeller Foundation (2005)
- Leverhulme Trust (2006)
- Vienna University (2006)
- Volkswagen Stiftung (Volkswagen Foundation), Germany (2004)

Peer Review of Journal Articles (year of most recent review)

- African Geoscience Review (2003)
- Area (2006)
- Asian Journal of Earth Science (2005)
- Bulletin de la Société Géologique de France (2005)
- Disasters (2007)
- Earth Surface Processes and Landforms (2006)
- eEarth (EGU) (2007)
- Engineering Geology (2007)
- Environmental Management (2006)
- Environmental Modelling & Software (2005)
- Geographical Journal (2001)
- Geology (2006)
- Geomorphology (2007)
- Geophysical Research Letters (2006)
- Geotechnique (2006)
- International Journal of Earth Science (2007)
- International Journal of Rock Mechanics (2006)
- Journal of Geophysical Research (2007)
- Journal of Seismic Engineering (2007)
- Journal of Seismology (2007)
- Landslides (2007)
- Mountain Research and Development (2002)
- Natural Hazards (2006)
- Natural Hazards and Earth System Science (2006)
- Netherlands Journal of Geosciences (2005)
- Photogrammetric Engineering and Remote Sensing (2004)
- Quarterly Journal of Engineering Geology and Hydrogeology (2005)
- Quaternary International (2005)
- Remote Sensing of the Environment (2004)
- Special Publications of the Geological Society (2004)
- Transactions of the Institute of British Geographers (2002)

Reviews for Publishers

- Blackwell Scientific
- Routledge
- Geological Society Publishing House

PhD EXAMINING

- 1999: PhD Examiner for Joseph Mankelov
Department of Geology, University of Portsmouth.
- 2000: PhD Examiner for Razik Razoaki
Department of Civil Engineering, University of Portsmouth.
- 2005: PhD examiner for Simon Nelis
Department of Geography, University of Durham
- 2006: PhD Examiner for Ali Zolfaghi
Department of Architecture and Civil Engineering, University of Bath
- 2006: PhD Examiner (panel member) for Damien Bachmann
Department de Sciences de Terre, Universite de Nice Sophia Antipolis
- 2007: PhD Examiner for Edgerton Hingston
School of Earth and Environment, Leeds University

TEACHING LEADERSHIP

External Examining for taught courses

- 2006-present: External Examiner, Geography undergraduate programmes, University of Sunderland
- 2002-2006: External Examiner, Postgraduate Certificate in Natural Hazards for Insurers,
Department of Geological Sciences, University College, University of London
- 2000-2004: External Examiner, BSc (Hons) Geology programmes, School of the Environment, University of Brighton

Course Validation

- 2006: External validator, Geography Programmes, University of Sunderland.
- 2003: Chair, validation panel of MSc Sustainable Rural Development and MSc Sustainable Mountain Development, University of the Highlands and Islands (OUVS)
- 1999: Member, validation committee for Pre-degree science course, University of Portsmouth
- 1998: Member, validation committee for BSc Medicinal and Pharmaceutical Chemistry, University of Portsmouth
- 1998: Chair, validation committee for MSc Financial Services, University of Portsmouth
- 1997: Member, validation committee for BSc Biomedical Sciences, University of Portsmouth
- 1997: Member, validation committee for BSc Applied Biomedical Sciences, University of Portsmouth

POSTGRADUATE TEACHING

2000-present: UNIVERSITY OF DURHAM

Lectures, seminars and practicals:

- M.Sc. Geomorphology and Environmental Change: lectures, practicals & seminars
- M.Sc. Geographic Information for Development: lectures and seminars

1996-2000: UNIVERSITY OF PORTSMOUTH

Lectures, seminars and practicals:

- M.Sc. Geological Hazard Assessment: lectures and seminars
- M.Sc. Engineering Geology: lectures and seminars
- M.Sc. Ground Investigation Methods: lectures and seminars
- M.Sc. Contaminated Land: lectures and seminars

Field courses:

Dorset Coast, Isle of Wight, Seismic Belt of Central Italy, Malverns

UNDERGRADUATE TEACHING

2000-present UNIVERSITY OF DURHAM

Lectures, seminars and practicals:

Physical Geography (L1 core, current), Landslides (L3 option, current), Hazard and Risk (L3 option, current), Applied Geomorphology, Environmental Hazards, Cities Nature and Society, Methods in Urban Research, Cities in the World

1996-2000: UNIVERSITY OF PORTSMOUTH

Lectures, seminars and practicals:

Population Resources and the Environment, Terrain Studies, Oceanography, Introduction to Marine Science, Hydrogeology, Environmental Geochemistry, Professional Skills, Environmental Science Research Skills, Environmental Geology Practice, Geological Hazards, Engineering Geology Practice.

Field courses:

Southern Uplands, French Alps, SW England, Lake District, Dorset, Malverns.

1993-1995: UNIVERSITY OF SUNDERLAND

Lectures and practicals:

Hydrology, Water Land & Society, Themes in Geography, Geomorphology 1, Applied Geomorphology, Geography Fieldwork, Physical Geography 1, Physical Geography 2, Physical Environment, Introductory Geology I, Introductory Geology II, Earth Resources.

Field classes:

Southern Uplands, SW England, Lake District, Dorset, Devon, Arran, The Netherlands.

MEDIA PRESENTATIONS

- 2006: Full page article in Guardian on landslide threats in Pakistan (story then syndicated by Reuters and covered worldwide and locally).
- 2006: Interview (live on-air) for BBC World Service News on landslide threats in Pakistan.
- 2006: Interview (live on air) for American Network Radio news on the Leyte landslide in the Philippines.
- 2005: Adviser/interviewee for 'The Ultimate Earthquake', a programme by Granada TV and National Geographic TV for worldwide distribution.
- 2005: Article for *Research TV* on landslide prediction
- 2005: Article for 'Newcastle Journal' on International Landslide Centre
- 2005: Article for 'Northern Echo' on International Landslide Centre
- 2005: Two items for 'Tyne Tees TV' on International Landslide Centre
- 2003: Article in 'Whitby Gazette' on cliff monitoring programme for Crown Castle.
- 2002: Adviser for 'Inherit the Earth', a three-part series by Granada TV for UK network and worldwide distribution.
- 2002: Article in 'Kuensil' (Bhutan national newspaper) on DFID landslide hazard and risk projects in Bhutan
- 2002: Article in 'Earthworks' on DFID landslide hazard and risk projects in Nepal.
- 2002: Article in 'Civil Engineering' magazine on results of NASA landslide research projects.
- 2002: Article in 'Discover' magazine on results of NASA landslide research projects
- 2001: 'Weather Warning UK' for Granada Media Ltd on landslides triggered by climate change. Broadcast in November 2001 nationwide on ITV (UK).
- 2001: Episode 12 of 'Disasters of the Century' for 'Partners in Motion' (Canada) broadcast in Spring 2002 on History Television (USA). Series won three awards, including one Gold, at the 35th Annual Worldfest Houston International Film Festival.
- 2000: Episode 4 of 'Savage Planet' for Granada Media Ltd on earthquake induced landslides in Taiwan. Broadcast nationwide in February 2002 on ITV (UK) and subsequently on Discovery Channel. UK audience: 5.7 million. Syndicated worldwide, including USA, Australia and India.

ADMINISTRATION AND ACADEMIC LEADERSHIP

2000-present UNIVERSITY OF DURHAM

2007-present: Deputy Dean (Research and Innovation). Duties include:

- Member of University Research Committee
- Member of Faculty Senior Management Group
- Member of Faculty Board
- Chair of Faculty Research Committee

- Chair of Faculty Ethics Sub-Committee

2006-present: Member, Institute for Hazard and Risk Research Management Committee
 2006-present: Director of Staff Development, Department of Geography
 2006-present: Member, Senate Discipline Panel
 2004-2006: Project Leader, Institute for Hazard and Risk Research, University Flagship project
 2003-2004: Member, Department of Geography admissions policy working group
 2003-present: Senate representative, Grey College Council
 2002-2004: Deputy chair, Learning and Teaching Committee
 2002: Departmental representative, Natural Sciences Management Committee
 2001-2003: Member, Department of Geography Teaching Review Group
 2000-2003: Departmental representative, University Library Users Committee
 2000-2001: Member, University Audio-Visual Committee Working Party
 2000-2002: College Tutor, Hatfield College

1996-2000: UNIVERSITY OF PORTSMOUTH

1999-2000: Programme Manager for BSc (Hons) Marine Environmental Science
 1998-2000: Member, School Management Committee
 1998-2000: Admissions Tutor, BSc Marine Environmental Science
 1999: Member, validation committee for Pre-degree science course
 1998-1999: Programme Manager for BSc (Hons) Environmental Science and BSc (Hons) Applied Environmental Science
 1998-1999: Chair, Environmental Science Programme Staff-Student Committee
 1998-1999: Chair, Environmental Science Programme Board of Studies
 1998-1999: Chair, Environmental Science Unit Assessment Board
 1998-1999: Chair, BSc Environmental Science Examinations Board
 1998-1999: Chair, BSc Marine Environmental Science Examinations
 1996-1998: Secretary, MSc Board of Studies
 1998: Programme design leader, BSc Marine Environmental Science and BSc Environmental Science
 1998: Member, validation committee for BSc Medicinal and Pharmaceutical Chemistry
 1998: Chair, validation committee for MSc Financial Services
 1997: Member, validation committee for BSc Biomedical Sciences
 1997: Member, validation committee for BSc Applied Biomedical Sciences

1993-1995: UNIVERSITY OF SUNDERLAND

1994-1995: Programme design leader, Geography
 1993-1995: Admissions Tutor, BSc Environmental Studies

STAFF DEVELOPMENT

2000-present UNIVERSITY OF DURHAM

2005: IT Strategy workshop
 2001: ILT training day
 2000: Induction for new staff, University of Durham (half day).

1996-present: UNIVERSITY OF PORTSMOUTH

1999: Off-road driver training (Land Rover, Eastnor Castle) (one day)
 1999: Chaining examination boards training (one day)
 1999: JavaScript training (one day)
 1998: PhD supervisor training (one day).
 1997: Careers development training (two days)
 1996: MIDAS minibus training and driving test.
 1996: Induction for new staff, University of Portsmouth (one day).

1993-1995: UNIVERSITY OF SUNDERLAND

1993 - 1995: University Certificate in Teaching and Learning
 1994: Training course for GNVQ admissions (one day).
 1994: Training course for strategies during clearing (one day).

PUBLICATIONS

Papers under review

- a. Petley, D.N. under review. On the impact of urban landslides. Under review for Culshaw, M. (ed). "Engineering geology for tomorrow's cities", *Special Publication of the Geological Society of London*.
- b. Ng, K-Y. and Petley, D.N. under review. A process approach towards landslide risk management in Hong Kong. Under review for *Quarterly Journal of Engineering Geology and Hydrogeology*.
- c. Lim, M., Rosser, N.J., Allison, R.J. and Petley, D.N. under review. Coastal rock cliff geomorphology: spatial patterns and erosional processes. Under review for *Geomorphology*.
- d. Petley, D.N., Petley D.J. and Allison, R.J. under review. Temporal prediction in landslides – understanding the Saito effect. Under review for the *Proceedings of the International Symposium on Landslides*, Xian, China, June 2008.

Research publications

1. Rosser, N.J., Lim, M., Petley, D.N. and Dunning, S.A. 2007 in press. Patterns of precursory rockfall prior to slope failure. Accepted for publication in *Journal of Geophysical Research (Earth Surface)*.
2. Petley, D.N., Hearn, G.J., Hart, A., Rosser, N.J., Dunning, S.A., Oven, K., and Mitchell, W.A. 2007 in press. Trends in landslide occurrence in Nepal. *Natural Hazards*.
3. Rosser, N.J., Petley, D.N., Dunning, S.A., Lim, M. and Ball, S. 2007. The surface expression of strain accumulation in failing rock masses. In Eberhardt, E., Stead, D. and Morrison, T. (eds) *Rock mechanics: meeting society's challenges and demands*. Taylor and Francis, London, 113-120.
4. Dunning, S.A., Mitchell, W.A., Rosser, N.J., Petley, D.N. 2007. The Hattian Bala rock avalanche and associated landslides triggered by the Kashmir Earthquake of 8 October 2005. *Engineering Geology*, **93** (3-4), 30-144
5. Petley, D.N., Rosser, N.J., Dunning, S.A., Mitchell, W.A. and Kausar, A-B. 2007 in press. Earthquake-induced ground deformation caused by the Mw = 7.6 Kashmir earthquake. Accepted for publication in the *Proceedings of the 8th Pacific Conference on Earthquake Engineering*
6. Petley, D.N., Dunning, S.A., Rosser, N.J. and Kausar, A.B. 2006. Incipient earthquakes in the Jhelum Valley, Pakistan following the 8th October 2005 earthquake. In: Marui, H., (ed.) *Disaster mitigation of debris flows, slope failures and landslides*. *Frontiers of Science Series 47*, Universal Academy Press, Tokyo, Japan, pp. 47-56. ISBN:4-946443-98-3.
7. Dunning, S.A., Petley, D.N. & Rosser, N.J. 2006. Structural and geometrical mapping of unstable slopes using terrestrial laser scanning - a basis for numerical modelling. In: Ashaari, M. (ed) *Proceedings of the International Conference on Slopes Malaysia 2006*, Public Works Department, Kuala Lumpur, pp. 181-208
8. Rosser, N.J., Petley, D.N., Dunning, S.A. 2006. Towards forecasting the timing and geometry of rock slope failures. In: Ashaari, M. (ed) *Proceedings of the International Conference on Slopes Malaysia 2006*, Public Works Department, Kuala Lumpur, pp. 57-74.
9. Allison, R.J. and Petley, D.N. 2006. On the movement of landslides. In: Ashaari, M. (ed) *Proceedings of the International Conference on Slopes Malaysia 2006*, Public Works Department, Kuala Lumpur, pp. 115-138.
10. Petley, D.N., Oven, K., Mitchell, W.A., Rosser, N.J., Dunning, S.A., and Allison, R.J., 2006. The role of global and regional precipitation patterns in landslide generation. In: Ashaari, M. (ed) *Proceedings of the International Conference on Slopes Malaysia 2006*, Public Works Department, Kuala Lumpur, pp. 249-268.
11. Ramli, M.F. and Petley, D.N. 2006. Best band combination for landslide studies in temperate environments. *International Journal of Remote Sensing*, **27**, (6), 1219-1231
12. Dunning, S.A., Rosser, N.J., Petley, D.N. and Massey, C.R. 2006. Formation and failure of the Tsatichhu landslide dam, Bhutan. *Landslides*, **3** (2), 107 - 113. DOI: 10.1007/s10346-005-0032-x
13. Lin, J-C, Petley, D.N., Jen, C-H., Hsu, M-L. 2006. Slope movements in a dynamic environment – A case study of Tachia river, Central Taiwan. *Quaternary International*, **147** (1), 103-112.
14. Chia-Hung, J., Lin, J-C., Hsu, M-L and Petley, D.N. 2006. Fluvial transportation and sedimentation of the Fu-Shan small experimental catchments. *Quaternary International*, **147** (1), 34-43.
15. Petley, D.N., 2006. The Vajont (Vaiont) Landslide. *Geo-strata*, March-April 2006.
16. Bulmer, M.H., Petley, D.N., Murphy, W. and Mantovani, F. 2006. Detecting landslide deformation using two pass differential interferometry: implications for planetary studies. *Journal of Geophysical Research*, **111**, E06S16 (10 pp), doi:10.1029/2005JE002593.
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Book Reviews

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CONFERENCE PRESENTATIONS, ABSTRACTS AND POSTERS

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