

CURRICULUM VITÆ

Gonçalo B. G. T. Vieira

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Education

2005. PhD, Physical Geography, University of Lisbon
(Maximum classification – unanimous decision).
Thesis: Geomorphology of the plateaus and high valleys of Serra da Estrela.
Pleistocene cold environments and present-day geomorphological dynamics.
1995. MS, Physical Geography and Environment, University of Lisbon.
Thesis: The present-day geomorphological processes of the Serra do Gerês.
(Maximum classification).
1993. Degree of Licentiate (BS+1yr), Physical Geography and Regional Planning,
Department of Geography, University of Lisbon – 16/20 values.

Other Academic Background

1997. Advanced study course on snow in North European environment, Department of
Geophysics, University of Helsinki - Finland, 10-15 February.
1996. Geographical Information Systems for predictive modelling and spatial data
integration in landslide hazard zoning, Oviedo - Spain, 2-13 December.
1996. Geological database management and geoscience field data capture with special
emphasis on geomorphologic data for landslide hazard prediction, Lisbon, 7-18
October.
1995. 4th European Intensive Course on Geomorphology - High Alpine Environment,
University of Vienna - Austria, 27 August - 4 September.
1992. European Intensive Course on Applied Geomorphology, University of Modena -
Italy, 24 June - 3 July.

Research and Teaching Interests

Mountain geomorphology, periglacial geomorphology, glacial geomorphology, permafrost, global change, Quaternary environments, geodiversity, GIS.

Academic Apointments

- 2005 – Present. Assistant Professor, Department of Geography, University of Lisbon.
- 1994 – Present. Researcher, Research Group on Physical Geography and Environment, Centre for
Geographical Research, University of Lisbon- Institution with classification
'Excellent' by the National Science and Technology Foundation – FCT)
- 1995 – 2005. Assistant lecturer, Department of Geography, U. Lisbon.
- 1993 – 1995. Assistant lecturer-in-training, Department of Geography, U. Lisbon.
- 1991 – 1993. Class assistant, Department of Geography, U. Lisbon.

Departmental Activity

- 2005 – Present. Member of the Executive Committee of the Department of Geography, University
of Lisbon.
- 2003 – 2005. Representative of the Assistant lecturers at the Executive Committee of the
Department of Geography, U. Lisbon.

University Teaching Experience

2005. Masters, Evaluation and valorization of Geomorphological Resources, University of Lisbon (1st semester 2005-06).
2005. Masters, Physical Geography, University of Coimbra.
- 1993 – Present. University of Lisbon:
Degree of Licenciante (BS+1) - Physical Geography, Geomorphology, Physical Geography I, Physical Geography II, , Physical Geography of the Quaternary, Elements of Geology, General Geology, Environment and Natural Resources, Biogeography, Elements of Ecology.

Other Teaching Experience

1998. World Expo'98, Lisbon – The Oceans: a heritage for the future.

Language Skills

(U - Understanding; S - Speaking; W - Writing / VG - Very Good; G - Good; B - Basic)

- Portuguese (U - VG; S - VG; W - VG)
English (U - VG; S - VG; W - VG)
Spanish (U - VG; S - VG; W - G)
French (U - VG; S - G; W - B)

Software Skills

(VG – Very Good; G - Good; B - Basic)

- GIS: Idrisi 32 (G), ILWIS 3.2 (VG), ArcView 3.2 (G)
Other: Surfer (G), Origin (G), Statistica (G), Corel Draw 11 (VG), Corel PhotoPaint 11 (VG), Microstation (G), GRADS (B).

Membership of Scientific Associations

- 2005 - Present. International Permafrost Association, IPA. National Representative.
- 2005 - Present. Geographical Society of Lisbon. Vice-coordinator of the Antarctic Group.
- 2005 - Present. Association of American Geographers. Geomorphology and Cryosphere Speciality Groups.
- 2004 - Present. European Geosciences Union, EGU.
- 2004 - Present. Geographical Society of Lisbon.
- 2002 - Present. European Centre for Geomorphological Risk, CERG - European Commission. Corresponding member.
- 2000 - Present. Portuguese Association of Geomorphologists, founder.
- 1998 - 2005. International Permafrost Association, IPA. National Representative and Individual member.
- 1999 - Present. Portuguese Association for Quaternary Research. Member of the Direction.
- 1998 - 2000. Commission on Climate Change and Periglacial Environments, International Geographical Union - contact in Portugal.
- 1997 - 2003. International Glaciological Society, IGS.
- 1996 - 1998. Portuguese Association for Quaternary Research - Member of the Council of auditors.
- 1992 - Present. Portuguese Association for Quaternary Research, APEQ.

Steering Committees or coordination of International Networks and Working Groups

- 2005 – Present. Steering Committee, Antarctic and sub-antarctic permafrost, soil and periglacial environments Group, SCAR Expert Group on Antarctic Permafrost and Soils + IPA Working Group on Antarctic Permafrost + IPY.

Membership and Collaboration in International Networks and Working Groups

- 2005 – Present Thermal State of Permafrost, International Permafrost Association, IPY.
2005 – Present ANTPAS, CALM-S/GTN-P monitoring group
2004 – Present Sedimentary Source-to-sink fluxes in cold environments, SEDIFLUX – European Science Foundation.
2003 – 2005. Permafrost and Climate in Europe, PACE21 – European Science Foundation.
2003 – Present. Working Group on Antarctic Permafrost – International Permafrost Association.
1998 – 2000. Work Group on Geospatial Analysis of Glaciated Environments, (GAGE) - Commission on Glaciation, INQUA.

Scientific Stages

2000. Laboratory of Sedimentology, University of Warsaw, Poland, October.
1999. Laboratory of Sedimentology, University of Warsaw, Poland, September.
1999. Department of Physics, University of Alcalá de Henares, Spain, September.
1998. Laboratory of Sedimentology, University of Warsaw, Poland, September.
1997. Department of Physics, University of Alcalá de Henares, Spain, November.
1995. Institute of Geography, University of Vienna, Austria, June and August.

Antarctic Campaigns

- 2005 - 2006. Spanish Antarctic Station Juan Carlos I, Livingston Island, South Shetlands, Antarctic, Scheduled January-February 2006.
2000. Spanish Antarctic Station Juan Carlos I, Livingston Island, South Shetlands, Antarctic, 19 January - 27 February.
2000. Spanish Antarctic Station Gabriel de Castilla, Deception Island, South Shetlands, Antarctic, 3-5 February.

Funded Research Projects (Current)

2005. PERMAMODEL - Permafrost and Active Layer Monitoring and Modelling in Livingston and Deception Islands, Antarctic, Accion Complementaria. PNIA.
2004 – 2007. HIMOCATCH - Role of High Mountain Areas in Catchment Water Resources, Central Portugal, Portuguese Foundation for Science and Technology, FCT, POCTI/CTA/44235/02.

Funded Research Projects (Past)

- 2003 - 2004. CAPA2003/04. Permafrost and Active Layer in the Antarctic (Livingston Island) campaign 2003-04. Programa Nacional de Investigación en la Antártida. PNIA. REN2002-1150-E/ANT.
2001 - 2004. ALARM. Assessment of Landslide Risk and Mitigation in Mountain Areas, European Commission, Contract nr. EVG1-CT-2001-00038.
2002 - 2003. CAPA. Permafrost and Active Layer in the Antarctic (Livingston Island), Programa Nacional de Investigación en la Antártida. PNIA. REN2001-5082-E/ANT.
2001 - 2002. ESTRELA II. Geomorphological and biophysical processes and landscape units in mediterranean mountain environments, Serra da Estrela - Phase II POCTI/P/CTA/11153/1998.
1999 - 2001. RADIANTAR 2001. Annual evolution of the active layer and physical mechanisms of interaction soil-atmosphere in permafrost areas. Deception and Livingston Islands (South Shetlands, Antarctic), PNIA - ANT98-0571.
1999 - 2001. ESTRELA. Geomorphological and biophysical processes and landscape units in mediterranean mountain environments (Serra da Estrela), PRAXIS/P/CTE/11153/1998.

- 1998 - 2001. Sedimentological investigations on Modern and Past aeolian processes in the Portuguese mountains (Collaboration with the Laboratory of Sedimentology, Univ. Warsaw).
- 1996 - 1998. NEWTECH. New Technologies for Landslide Hazard Assessment and Management in Europe, CEC Environment Programme - ENVA-CT96-0248.
- 1995 - 1999. Geology of the Natural Park of the Serra da Estrela, Instituto Geológico e Mineiro.

Grants

2005. Permafrost and Climate in Europe (PACE21), European Union (2nd European Conference on Permafrost, Potsdam).
2005. Fundo de Apoio à Comunidade Científica/Fundação para a Ciência e a Tecnologia. Open Consultative Forum of the International Polar Year, Paris.
2004. National Science Foundation. Workshop on Antarctic Permafrost and Soils, Madison, WI, USA.
2001. International Association of Geomorphologists. 5th International Conference on Geomorphology, Tokyo.
2001. Permafrost and Climate in Europe - PACE, European Union. 1st European Conference on Permafrost, Rome.
2000. Fundo de Apoio à Comunidade Científica/Fundação para a Ciência e a Tecnologia. Research campaign in the Antarctic.
2000. Fundação Calouste Gulbenkian. Research campaign in the Antarctic.
1997. European Union. Course in Finland.
1995. Erasmus/European Union. Alpine Geomorphology Course in Austria.
1995. Erasmus/European Union. Stage at U. Vienna, Austria.
1992. Erasmus/European Union. Intensive course in Italy.

Organisation of International Meetings and Courses

2002. Workshop on Landscape Ecology and Management of Atlantic Open Mountain Landscapes, APEP and ALTERRA, Guarda, 6 November. Invited speaker at the Serra da Estrela field-trip.
1998. Glacial and periglacial geomorphology of the Serra da Estrela field-trip, 26-28 August 1998, Commission on Climate Change and Periglacial Environments (IGU) (with Prof. A. Brum Ferreira).
1998. Symposium on Periglacial landscapes: their making, preservation and climatic significance, Commission on Climate Change and Periglacial Environments (IGU), 29 August 1998, University of Lisbon (with Prof. A. Brum Ferreira).
1996. 5th European Intensive Course on Applied Geomorphology: Mediterranean and Urban Areas (Lisbon and Algarve), June 2006. (directed by Prof. A. Brum Ferreira).

Organisation of National Meetings and Conferences

2005. Symposium on Geography and Geographical Information Technologies, Centro de Estudos Geográficos, U. Lisbon, 7-8 April.
2002. 1st Seminar on Geomorphology, Lisbon, 16-18 March.
2000. The glaciation of Serra do Gerês. Field Trip of the Portuguese Association for Quaternary Research, 6 July.

National Committees (Portugal)

- 2005 - Present. Member of the Portuguese Commission for the International Polar Year 2007-08.
- 2004 - Present. National Point of Contact for the International Polar Year 2007-08. ICSU and WMO.

Representation of Portugal in International Meetings

2005. National Delegate. Council meetings of the International Permafrost Association, Potsdam – Germany, 12 and 16 June.
2005. National Delegate. Consultative Forum for the International Polar Year 2007-08, UNESCO, Paris – France, 10-11 March.
2001. National Delegate. Council meetings of the International Association of Geomorphologists, Tokyo - Japan, 25 and 28 August.

Representation of Spain in International Meetings

2003. National Delegate of Spain. Council meetings of the International Permafrost Association, Zurich – Switzerland, 22 and 25 July.

Invited Lectures

2005. Permafrost and climate change: 6 years of collaboration Portugal-Spain in the Antarctic (in Port.). Lisbon Oceanarium, 16 September.
- The glaciers of Serra da Estrela: How did they look like, and why were they here? (in Port.). Municipality of Manteigas, Organised by the Municipality of Manteigas, ASE and APEQ, 20 May.
2005. The contribution of geomorphology for the Weichselian paleoenvironmental reconstruction at the Serra da Estrela (in Port.), Seminar at the Masters on Physical Geography at University of Coimbra, 13 May.
2005. Periglacial environments, permafrost and global change: the research in Livingston and Deception Islands (South Shetlands, Antarctic) (in Port.). Seminar - Masters on Geophysics, Centre of Geophysics at U. Lisbon, 15 April.
2005. Cryosphere and climate change (in Port.), 13th Meeting of National Park Rangers, PNSE, Manteigas, 1 February.
2003. The Serra da Estrela: a natural laboratory of Physical Geography (in Port.). 1st Meeting of the Serra da Estrela Plateaus, 30 October.
2002. Glacial evidence in mountain environments. Some examples (in Port.). 1st International Mountain Conference, Escola Superior de Hotelaria e Turismo do Estoril, 22 November.
2002. The importance of the Antarctic on Earth's environmental dynamics. Talk at High School Pedro Nunes, Lisboa, 11 March.
2001. The ESTRELA Project. Geomorphological and biophysical processes and landscape units in mediterranean mountains (in Port.), Conference organised by Planigeo, U. Lisbon, 14 May.
2001. The geomorphology of Hurd Peninsula, Livingston Island, Antarctica (in Port.). Conference organised by the Portuguese Association of Geomorphologists, U. Lisbon, 12 January.
2000. General characteristics of the geomorphology of Hurd Península, Livingston Island, Antarctica, National Week of Science and Technology, U. Lisbon, 23 November.
2000. The Antarctic research campaign of 2000 (in Port.), U.Lisbon, 15 June.

Executive Committee of Scientific Publications

- 2005 – Present. Finisterra - Revista Portuguesa de Geografia.
2002. Contribuições para a dinâmica geomorfológica. Portuguese Association of Geomorphologists, Vol. I.
- 1998 – 2001. Estudos do Quaternário/Quaternary Studies, nrs. 1-4, Portuguese Association for Quaternary Research.

Peer-Reviewing

2005. Journal of Geology.

2002. M. Phillips, S.M. Springman e L.U. Arenson (Eds.) 2003. *Permafrost*. Proceedings of the Eight International Conference on Permafrost, 21-25 July 2003, Zurich, Switzerland.
2001. *Geomorphology* (Elsevier) (Special issue edited by N. Matsuoka and W. Haeblerli).

Publications

Articles in international peer-reviewed journals

2004. Vieira, G.; Mora, C. & Gouveia, M.M., Oblique rainfall and contemporary geomorphological dynamics (Serra da Estrela, Portugal), *Hydrological Processes*, 18: 807-824.
2004. Zêzere, J.L.; Reis, E.; Garcia, R.; Oliveira, S.; Rodrigues, M.L.; Vieira, G. & Ferreira, A.B., Integration of spatial and temporal data for landslide hazard assessment in the area north of Lisbon (Portugal), *Natural Hazards and Earth System Sciences*: 1–14. SRef-ID: 1684-9981/nhess/2004 1.
2003. Vieira, G.; Mora, C. & Ramos, M. Ground temperature regimes and geomorphological implications in a Mediterranean mountain (Serra da Estrela, Portugal), *Geomorphology*, 52: 57-72.
1999. Vieira, G. T., Coarse sand accumulations in granite mountains: the case-studies of the serra do Gerês and serra da Estrela (Portugal), *Zeitschrift für Geomorphologie N.F.*, Suppl.-Bd. 119, Berlin-Stuttgart: 105-118.

Articles in other peer-reviewed journals

2005. Mora, C.; Vieira, G., Radiation balance at the plateau of Serra da Estrela (Portugal) in a winter morning. Methodology and first results, *Boletín de la Real Sociedad Española de Historia Natural, Sección Geologica*, 99 (1-4): 37-45. (in Spanish)
2005. Ramos, M.; Vieira, G., Termal variability of the active layer and evaluation of the ground energy transfer during freezing in Livingston Island (Antarctic). Winters of 2000, 2001 and 2002. *Boletín de la Real Sociedad Española de Historia Natural, Sección Geologica*, 99 (1-4): 83-92. (in Spanish).
2003. Vieira, G.; Mycielska-Dowgiallo, E. & Woronko, B., Sedimentological analysis of sandy-gravel accumulations, Serra da Estrela Plateaux (Portugal), *Landform Analysis*, 4: 99-107.
2001. Ferreira, A.B.; Alcoforado, M.J.; Vieira, G.T.; Mora, C.; Jansen, J., Methodologies for landscape analysis and classification, The case of ESTRELA project. *Finisterra*, 72, p. 157-178. (in Portuguese).
2001. Mora, C.; Vieira, G. & Alcoforado, M.J., Daily minimum air temperatures in Serra da Estrela, Portugal, *Finisterra*, 71: 49-60.
2000. Vieira, G., Glacial and periglacial data integration in a GIS: methodology used in the Serra da Estrela, Portugal, *Geological Quarterly*, 44 (1), Warsaw: 27-31.
2000. Vieira, G.; Ramos, M. & Garate, J., Detailed geomorphological mapping with kinematic GPS. Examples from Livingston Island, Antarctic, *Estudos do Quaternário*, 4, APEQ, p. 35-42.
2000. Vieira, G. T.; Mora, C. & Ramos, M., Low cost data loggers for the monitoring of air, rock and ground temperatures, *Finisterra*, 69, p. 139-148. (in Portuguese).
1998. Vieira, G. T., Meeting and field-trip of the Commission on Climate Change and Periglacial Environments IGU, *Finisterra*, 66, p.129-130. (in Portuguese).
1997. Vieira, G.T., Hydro-aeolian processes in the Serra do Gerês (NW Portugal), *Estudos do Quaternário*, 1, p.97-109.
1997. Daveau, S.; Ferreira, A.B.; Ferreira, N.; Vieira, G., New observations on the glaciation of Serra da Estrela, Portugal, *Estudos do Quaternário*, 1, p.41-51. (in Portuguese).
1996. Vieira, G. T., Needle ice and present-day erosion in Serra do Gerês, Portugal, *Finisterra*, CEG, 61, p. 3-28. (in Portuguese).

1994. Mora, C.; Neves, M.; Vieira, G., 3rd Conference on the Quaternary of Iberia, *Finisterra*, 57, p.165-169.
1993. Alcoforado, M.J.; Andrade, E.; Neves, M.; Vieira, G., 1993. A contribution for the study of the local climates of Arrábida Mountain in Winter, *Finisterra*, 55-56, p.215-228. (in Portuguese).
1992. Andrade, E.; Mora, C.; Neves, M.; Vieira, G., Winter sports in Serra da Estrela. A contribution to the study of their viability, *Finisterra*, 53-54, C.E.G., Lisboa, p.187-193. (in Portuguese).

Articles in Portuguese journals without peer-review

2001. Vieira, G.T., Needle ice in Serra da Estrela, *Zimbro*, 5, p.3. (in Portuguese)
2000. Vieira, G.T., The fluvioglacial terrace of Zêzere in Manteigas, *Zimbro*, 2, p. 6-7. (in Portuguese)

Books (author)

1999. Ferreira, N. & Vieira, G., *Guide of the Geology and Geomorphology of the Natural Park of the Serra da Estrela*, ICN and IGM, Lisboa, 112p. + 2 maps. (in Portuguese, with English version in press)

Books (editor)

1998. Vieira, G.T. (ed), *Glacial and Periglacial Geomorphology of the Serra da Estrela. Guidebook for the field-trip*, IGU Commission on Climate Change and Periglacial Environments, 26-28 August 1998, CEG and Department of Geography, University of Lisbon, 65 p.
1996. Ferreira, A.B. & Vieira, G.T. (eds.). *Fifth European Intensive Course on Applied Geomorphology: Mediterranean and Urban Areas*, ERASMUS ICP-91/96-I-1226/07, publ. n.9, Dep. Geography, Univ. Lisboa, 238p.

Peer-reviewed articles in books

2005. Vieira, G.; Jansen, J. & Ferreira, N., Environmental setting of the Parque Natural da Serra da Estrela, T. Pinto Correia, R.G.H. Bunce & D.C. Howard (eds.), *Landscape ecology and management of Atlantic mountains*, Landscape Ecology Series, IALE Publication series number 2: 53-64.
2004. Zêzere, J.L.; Rodrigues, M.L.; Reis, E.; Garcia, R.; Oliveira, S.; Vieira, G. & Ferreira, A.B. Spatial and temporal data management for the probabilistic landslide hazard assessment considering landslide typology. In Lacerda, Ehrlich, Fontoura & Sayão (eds.), *Landslides: Evaluation and Stabilization*, Taylor & Francis Group, London; 117-123.
2003. Vieira, G. & Ramos, M., Geographic factors and geocryological activity in Livingston Island, Antarctic. Preliminary results. In: M. Phillips, S.M. Springman e L.U. Arenson (Eds.), *Permafrost*. Proceedings of the Eight International Conference on Permafrost, 21-25 July 2003, Zurich, Switerland, Balkema – Swets & Zeitlinger, Lisse: 1183-1188.
2003. Ramos, M. & Vieira, G., Active layer and permafrost monitoring in Livingston Island, Antarctic. First results from 2000 and 2001. In: M. Phillips, S.M. Springman e L.U. Arenson (Eds.), *Permafrost*. Proceedings of the Eight International Conference on Permafrost, 21-25 July 2003, Zurich, Switerland, Balkema – Swets & Zeitlinger, Lisse: 929-933.
2002. Vieira, G. T.; Mora, C. & Ramos, M., Observations on air and ground temperatures at Serra da Estrela (Portugal), *Periglaciario en montaña y altas latitudes*, E. Serrano e A. García (eds.), Dep. Geografía, Univ. Valladolid: 67-89. (in Portuguese)
2002. Ramos, M.; Vieira, G.; Crespo, F. & Bretón, L., Active layer monitoring in the vicinity of the Spanish Antarctic Station Juan Carlos I *Periglaciario en montaña*

- y *altas latitudes*, E. Serrano e A. García (eds.), Dep. Geografía, Univ. Valladolid. (in Spanish).
2001. Vieira, G.T. & Ramos, M., Monitoring of shallow soil temperatures in the Cântaro Raso (Serra da Estrela, Portugal). Data from the winter of 1997/98, *Homenagem (in honorium) Professor Doutor Gaspar Soares de Carvalho*, Braga: 129-136.
2000. Ferreira, A.B.; Rodrigues, M.L.; Vieira, G.T., Relict and contemporary cold-climate phenomena in Portugal, in Peña Monné, J. L.; Sánchez Fabre, M. & Lozano Tena, M. V. (eds.), *Procesos y formas periglaciares en la montaña mediterránea*, Teruel: 161-190. (in Portuguese).
2000. Zêzere, J.L.; Ferreira, A.B.; Vieira, G.; Reis, E. & Rodrigues, M.L., The use of Bayesian Probability for landslide susceptibility evaluation. A case study in the area north of Lisbon (Portugal). in E. Bromhead, N. Dixon; M.-L. Ibsen (eds.), *Landslides in Research, Theory and Practice*, Proceedings of the 8th International Symposium on Landslides, Vol. 3, Thomas Telford, London: 1635-1640.
1998. Vieira, G.T.; Cordeiro, A.M.R., Periglacial geomorphology in Portugal: state-of-the-art. in Gómez Órtiz, A.; Salvador Franch, F.; Schulte, L. & García Navarro, A. (eds.), *Procesos biofísicos actuales en medios fríos*. Estudios recientes, Publ. Universitat de Barcelona, Barcelona: 347-371. (in Portuguese).
1998. Vieira, G.T. & Ferreira, A.B. General characteristics of the glacial geomorphology of the Serra da Estrela, in Vieira, G.T. (ed), *Glacial and Periglacial Geomorphology of the Serra da Estrela. Guidebook for the field-trip*, IGU Commission on Climate Change and Periglacial Environments, 26-28 August 1998, CEG and Department of Geography, University of Lisbon: 37-48.
1998. Vieira, G.T. Periglacial research in the Serra da Estrela: an overview, in Vieira, G. T. (ed), *Glacial and Periglacial Geomorphology of the Serra da Estrela. Guidebook for the field-trip*, IGU Commission on Climate Change and Periglacial Environments, 26-28 August 1998, CEG and Department of Geography, University of Lisbon: 49-65.
1998. Vieira, G.T. & Mora, C. General characteristics of the climate of the Serra da Estrela, in Vieira, G.T. (ed), *Glacial and Periglacial Geomorphology of the Serra da Estrela. Guidebook for the field-trip*, IGU Commission on Climate Change and Periglacial Environments, 26-28 August 1998, CEG and Department of Geography, University of Lisbon: 26-36.

Theses

2004. Vieira, G., *Geomorphology of the High Valleys and Plateaus of Serra da Estrela. Pleistocene cold environments and present-day processes*. PhD thesis in Geography (specialization in Physical Geography), University of Lisbon: 724pp. + 1 map (in Portuguese).
1995. Vieira, G., *Present-day geomorphological processes in Serra do Gerês (Portugal)*, Masters thesis in Physical Geography and Environment, University of Lisbon, 139pp. + annexes (in Portuguese).

Peer-reviewed articles in conference proceedings

2005. Afonso, M.J., Espinha Marques, J., Marques, J.M., Carreira, P., Carvalho, J.M., Marques da Silva, M., Samper, J., Veiga, J., Sodrê Borges, F., Rocha, F.T., Fonseca, P.E., Gomes, A., Araújo, M.A., Vieira, G., Mora, C., Teixeira, J., Almeida, P.G., Gonçalves, J.A., Chaminé, H.I. Hydrogeology of hard-rocks in the Portuguese Iberian Massif: Porto urban area and Serra da Estrela mountain region. 4th Inter-Celtic Colloquium on Hydrology and Management of Water Resources. Guimarães, Portugal, 11-14 July 2005: 1-12.
2002. Oliveira, S.; Zêzere, J.L.; Rodrigues, M.L.; Garcia, R.; Reis, E.; Vieira, G. & Ferreira, A.B., Legislative framework of the geomorphological hazards and risk: the case of landslides, UTAD (in Portuguese).

2001. Vieira, G.; Ferreira, A. B.; Mycielska-dowgiało, E.; Woronko, B. & Olszak, I., Thermoluminescence Dating of Fluvioglacial Sediments (Serra da Estrela, Portugal), *Actas VREQUI/IREQUI*, Lisboa: 85-88.

Non peer-reviewed articles in conference proceedings

2001. Ferreira, A. B.; Vieira, G. & Gouveia, M. M., Methods of landscape analysis and classification. The case of Estrela Project, *Colóquio Geografia das Paisagens*, Planigeo (in Portuguese).

Peer-reviewed abstracts in conference proceedings

2005. Vieira, G.T.; Ferreira, A.B. & Woronko, B. Glacigenic deposits and landforms of the Serra da Estrela plateau ice-field and valley glaciers (Portugal). Characteristics and style of deglaciation. in F. Gutiérrez, M. Gutiérrez, G. Desir, J. Guerrero, P. Lucha, C. Marín, J.-M. García-Ruiz (eds.), *6th International Conference on Geomorphology, Abstracts Volume*, 7-11 September 2005, Zaragoza (Spain), Planet Earth: 15.
2005. Vieira, G.T. & Ramos, M. Environmental controls on the spatial distribution of periglacial landforms: a case-study from Hurd Peninsula, Livingston Island, Antarctica. in F. Gutiérrez, M. Gutiérrez, G. Desir, J. Guerrero, P. Lucha, C. Marín, J.-M. García-Ruiz (eds.), *6th International Conference on Geomorphology, Abstracts Volume*, 7-11 September 2005, Zaragoza (Spain), Planet Earth: 437.
2005. Migoñ, P. & Vieira, G.T. Rock–landform relationships in a granite terrain, Serra da Estrela, Portugal. in F. Gutiérrez, M. Gutiérrez, G. Desir, J. Guerrero, P. Lucha, C. Marín, J.-M. García-Ruiz (eds.), *6th International Conference on Geomorphology, Abstracts Volume*, 7-11 September 2005, Zaragoza (Spain), Planet Earth: 294.
2005. Vieira, G. & Ramos, M., Micrometeorological controls on the temperature regimes of the active layer during the summer in Livingston and Deception Islands, Antarctic. *Terra Nostra*, 2005/2, 2nd European Conference on Permafrost – Programme and Abstracts: 151.
2005. Vieira, G., Ferreira, A.B. & Texier, J.-P., Pleistocene mountain permafrost in the west of the Iberian Peninsula south of 42°N (Serra da Estrela, Portugal). *Terra Nostra*, 2005/2, 2nd European Conference on Permafrost – Programme and Abstracts: 30.
2005. Ramos, M. & Vieira, G., Active layer monitoring in Livingston and Deception islands (South Shetlands, Antarctic). Methodology and results. *Terra Nostra*, 2005/2, 2nd European Conference on Permafrost – Programme and Abstracts: 145.
2005. Ramos, M. & Vieira, G., Ground surface enthalpy balance during freeze and thaw seasons in Livingston Island, Antarctic. *Geophysical Research Abstracts*.
2005. Vieira, G. & Ramos, M., Geographical factors and geomorphological dynamics in Hurd Peninsula (Livingston Island, Antarctic). Colóquio “A Geografia e as Tecnologias de Informação Geográfica”, CEG, Lisboa, 7-8 April 2005 (in Portuguese).
2005. Reis, E.; Zêzere, J.L.; Vieira, G.T.; Rodrigues, M.L., Integration of spatial data in GIS for the evaluation of landslide susceptibility. Colóquio “A Geografia e as Tecnologias de Informação Geográfica”, CEG, Lisboa, 7-8 April de 2005. (in Portuguese).
2004. Ramos, M. & Vieira, G., Active layer monitoring in Livingston and Deception islands (South Shetlands). Methodology and results. International Workshop on Antarctic Permafrost and Soils, IPA-NSF, Madison, WI (USA), 14-18 November 2004.
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