

Curriculum Vitae

Clara Maria da Silva de Vasconcelos

Place and date of birth: Porto, 31/10/1968

Nationality: Portuguese **BI:** 8145745

Institutional address: Departamento de Geociências, Ambiente e Ordenamento do território, Faculdade de Ciências da Universidade do Porto.

Rua do Campo Alegre, s/n, 4169-007 Porto, Portugal

Phone:+ 351220402462**E-mail:** cvascon@fc.up.pt

Academic Qualifications:

2011 Aggregation/ability in Science Education Universidade do Minho

2008 Pos.Doc in Science teaching Methodologies

2001 PhD in Education, Universidade do Minho

1991 Graduation in Geology, Universidade do Porto

Actual Positions Held:

Auxiliary Professor with Aggregation, faculdade de Ciências da Universidade do Porto, Portugal

Research Interests:

Teachers Training

Science Teaching Methodologies

Geoethics

Education for Sustainable Development

Member by Invitation of International Organizations:

(2015-) National Coordinator of International Association for Promoting Geoethics- Portugal.
Disponível em: <http://www.fc.up.pt/iapg-pns/>

(2014-) Member of the Panel of Experts of Education of the European Federation of Geology coordinated by Eva Hartai, FG Board Member, Coordinator of the EFG PE on Education.
Disponível em : <http://eurogeologists.eu/pe-on-education/#tab-> ou ou <http://eurogeologists.eu/european-network/>

(2010-) Portuguese Council Member of the IGEO (International Geoscience Education Organization) (<http://www.geoscied.org/officers.htm>)

Some Research Projects:

■ WISE: Widening Interdisciplinary Sustainability Education
2015-1-PL01-KA203-016621- ERASMUS PLUS

■ SUSMIN: Tools for sustainable gold mining in Europe (SUSMIN)/
ERA-MIN/0002/2013 – European Comission

■ MIE: A Modelação na aula de geologia do ensino superior: Investigação e Ensino
113/ID/2014 - FCT

■ Avaliação do Currículo das Ciências Físicas e Naturais do 3º Ciclo do Ensino Básico
FCT - PTDC/CPE-CED/102789/20u

■ Educação em Ciências para a Cidadania através da Aprendizagem Baseada na Resolução de Problemas

FCT - PTDC/CPE-CED/108197/2008

■ Divulgação Científica sobre as Minas de Ouro de Castromil
FCT – POCI/DIV/2005/00078

Some Relevant Publications (last 5 years)

Vasconcelos, C. (Ed), (2017). Geoscience Education: Indoor and Outdoor. Switzerland: Springer. ISBN 978-3-319-43318-9; ISBN 978-3-319-43319-6 (eBook). DOI 10.1007/978-3-319-43319-6.

Almeida, A. & **Vasconcelos, C.** (2013). Guia prático para atividades fora da escola. Lisboa: onte da Palavra. 128p. ISBN:978-989-667-147-1.

- Vasconcelos, C.** & Almeida, A. (2012). Aprendizagem Baseada na Resolução de Problemas no Ensino das Ciências: Propostas de trabalho para Ciências Naturais, Biologia e Geologia. Coleção Panorama. Porto: Porto Editora. 127 p. ISBN:978-972-0-34963-7.
- Vasconcelos, C.,** Torres, J., Vasconcelos, L., & Moutinho, S. (2016). Sustainable development and its connection to teaching Geoethics. *Episodes: International Journal of Geosciences*, 39 (3), 509-517. DOI: 10.18814/epiiugs/2016/v39i3/99771.
- Torres, J. & **Vasconcelos, C.** (2016). Views of nature of science: Adaptation of a questionnaire for Portuguese prospective science teachers. *Journal of Science Education*, 17 (2), 48-52. ISSN: 01245481.
- Moutinho, S.; Moura, R. & **Vasconcelos, C.** (2016). Mental models about seismic effects: students' profile-based comparative analysis. *International Journal of Science and Mathematics Education* 14, 391–415. DOI: 10.1007/s10763-014-9572.
- Torres, J., Moutinho, S. & **Vasconcelos, C.** (2015). Nature of science, scientific and geoscience models: Examining students and teachers' views. *Journal of Turkish Science Education*, 12 (4), 3-21. DOI: 10.12973/tused.10148a
- Torres, J. & **Vasconcelos, C.** (2015). Nature of science and models: Comparing Portuguese prospective teachers' views. *Eurasia Journal of Mathematics, Science & Technology Education*, 11 (6), 1473-1494. DOI: 10.12973/eurasia.2015.1407a.
- Vasconcelos, C.;** Santos, J. M. & Almeida, A. (2015). Deep time: students' inventory and comparative analyses. *Journal of Science Education*, 16(1), 26-30.
- Almeida, A. & **Vasconcelos, C.** (2015) Geoethics: Masters' Students knowledge and perception of its importance. *Research in Science Education*, 45(6), 889-906. DOI: 10.1007/s11165-014-9449-3.
- Esteves, H.; Fernandes, I. & **Vasconcelos, C.** (2015). The field as a formal environment for geoscience teaching and learning. *Procedia-Social and Behavioral Sciences Journal*, 191, 63-67. DOI: 10.1016/j.sbspro.2015.04.323.
- Moutinho, S., Torres, J., Fernandes, I. & **Vasconcelos, C.** (2015). Teaching Nature of Science through PBL: A study with prospective science teachers, *Procedia-Social and Behavioral Sciences Journal*, 191, 1871-1875. DOI:10.1016/j.sbspro.2015.04.324.
- Almeida, A.; **Vasconcelos, C.** & Strech, O. (2014). Attitudes towards different animals and the will to save them if threatened with extinction: A study with Portuguese children. *Anthrozoos*, 27 (2) 173-190. DOI: 10.2752/175303714X13903827487403.
- Torres, J. & **Vasconcelos, C.** (2013). Evaluation of the curriculum of physics and natural sciences: What do teachers think? [Avaliação do currículo português de Ciências Físicas e Naturais: O que pensam os professores?] *Journal of Science Education*, 14, special issue, 12-16. ISSN: 01245481.
- Esteves, H., Ferreira, P.; **Vasconcelos, C.** & Fernandes, I. (2013). Geological Field work: A study carried out with Portuguese secondary school students. *Journal of Geoscience Education*, (61), 3, 318-325. DOI: 10.5408/12-394.1.
- Torres, J.; Preto, C. & **Vasconcelos, C.** (2013). PBL Environmental Scenarios: An Analysis of Science Students and Teachers Questioning. *Journal of Science Education*, 14 (2) 71-74. ISSN: 01245481.
- Vasconcelos, C.;** Almeida, A. & Barros, A. (2013). Ensenanza de la Deriva Continental: Epistemological and Historical contribuciones. *Journal of Science Education*, 14 (1),32-36 ISSN: 01245481.
- Almeida, A. & **Vasconcelos, C.** (2013). Teacher Perspectives on the Human-Nature Relationship. *Research in Science Education*, 43 (1), 299-316. DOI 10.1007/s11165-011-9272-z.
- Almeida, A., **Vasconcelos, C.,** Strecht-Ribeiro, O. & Torres, J. (2013). Non-anthropocentric reasoning in children: Its incidence when they are confronted with ecological dilemmas. *International Journal of Science Education*, 35(2), 312-334. DOI 10.1080/09500693.2011.608387.
- Vasconcelos, C.** (2012). Teaching Environmental Education through PBL: Evaluation of a Teaching Intervention. Program. *Research in Science Education*. 42, 2, 219–232. DOI: 10.1007/s11165-010-9192-3.