

# CURRICULUM VITAE

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## ARSIMI UNIVERSITAR

30/10/2006    Mbrojtja e diplomës Doktor në Shkencat e Tokës dhe Universit dhe Mjedisit.  
                              Universiteti “Joseph Fourier”, Grenoble, Francë.  
30/06/1999    Mbrojtja e Diplomës së Studimeve të Thëlluara (Master) në Universitetin  
                              “Joseph Fourier”, Grenoble, Francë.  
1995            Mbrojtja e Diplomës së inxhinierit Gjeofizik në Universitetin Politeknik, Tiranë.

## KUALIFIKIME E SPECIALIZIME PASUNIVERSITARE

1999 – 2000    Petrologjia e shkëmbinjëve Magmatik dhe Metamorfik, Laboratori i  
                              Gjeodinamikës, Universiteti “Claude Bernard” Lion I, France.  
2005            Aplikimi i metodës, Uranium-Thorium-Helium (U-Th)/ He në Albanide  
                              Departamenti i Gjeologjisë dhe Gjeofizikës në Universitetin e Yales,  
                              Connecticut, USA.

## TITUJ E GRADA SHKENCORE:

**Doktor i Shkencave**, dt. 30.10.2006.

**Prof. Asoc.**, dt. 26.03.2010.

## Gjuhe te huaja :

Anglisht  
Frengjisht  
Italisht

## **Eksperienca e punes:**

- 2010- Profesor i Asociuar në Fakultetin e Geologjisë dhe Minierave, Universiteti Politeknik i Tiranës.
- 2002 - 2010 Pedagog në Fakultetin e Geologjisë dhe Minierave, Universiteti Politeknik i Tiranës.
- 2006 Inxhinier në Qendrën Kombëtare Kërkimore Shkencore (CRNS) pranë Universitetit “Joseph Fourier”, Grenoble, Francë (part-time).
- 1996-1999 Inxhinier Gjeofizik, Qendra e kërkimeve Gjeofizike dhe Gjeokimike, Blloku “Vasil Shanto” Tiranë.

## **PROJEKTE DHE STUDIME KËRKIMORE:**

- 2012 Exploring a potential archive of (neo-)tectonic movements in the Western Balkans. Projekt i realizur ne bashkepunim me Universitetin e Liverpulit dhe financuar nga “The Royal Society”, programi “Excellence in science”, Londer, Angli.
- 2012 Geo-structural map K 34-54 Bb and K 34-54Bd (1:25 000) Drenas-Blinaj region, Republic of Kosovo (Independent Comission for Mines and Minerals & Consulting “MM” Sh.P.K, Republic of Kosovo)
- 2011 Krijimi i laboratorit te Gjurmeve te fisionit (ndarjes) ne Shqiperi. Ministria e Arsimit dhe Shkences dhe Banka Boterore, UNILAB-2011 program.
- 2011 Geo-structural map K-34-55-B-a (1:25 000) of Koznic region, Republic of Kosovo (Independent Comission for Mines and Minerals & Consulting “MM” Sh.P.K, Republic of Kosovo)
- 2010 Geo-structural map K-34-55-B-d (1:25 000) of Southeastern Gjilan region, Republic of Kosovo (Independent Comission for Mines and Minerals & Consulting “MM” Sh.P.K, Republic of Kosovo)
- 2006-2008 Reintegration Grand, projekt i financuar nga NATO, Tema e studimit “*Thermochronology and erosion trends in the Albanides: inferences for the evaluation of natural risk*”. Grant no. 982284.
- 2005 Projekt i kërkimit shkencor dhe teknologjik që financohet nga buxheti për shkencën në shkollat e larta publike. Tema e studimit: *Aplikimi i termokronologjisë (moshës absolute) me metodën e re (U-Th) / He në Albanidet e brendëshme.*
- 2001- 2004 Vertical Structural Evolution of the Albanides: Thermochronology, Erosion, Tectonic Denudation. CROUS of Grenoble, Qeveria franceze.
- 2000 SOROS (fieldwork grant), Albania.
- 1998-1999 Analyse des traces de fission dans les apatites de quelques échantillons de la marge de Galice; Relation avec l’ouverture océanique créacé. CROUS of Grenoble, French Government.

## **PUBLIKIMET SHKENCORE:**

B., Muceku. 1012. Low-temperature thermochronology in Albanides: quantitative constraints on exhumation rate and tectonic implications. *Buletini i Shkencave Gjeologjike* 2012, special electronic edition. p., 54-60.

B. Muceku, P. Van der Beek, M. Bernet, P. Reiners, G. Mascle and A. Tashko 2008. Thermochronological evidence for Mio-Pliocene late orogenic extension in the eastern Albanides. *Terra Nova*, 20, 180 - 187.

P. Monjoie, H. Lapiere†, A. Tashko, G. H. Mascle, A. Dechamp, B. Muceku and P. Brunet 2008. Nature and origin of the Triassic volcanism in Albania and Othrys: a key to understanding the Neotethys opening? *Bull. Soc. géol. Fr.*, 179, 411-425

Tashko, G.H.Mascle, B. Muceku, H. Lappierre 2007 Nd, Pb isotope and trace element signatures of the Triassic volcanism in Albania. The relationship to the Neo Tethys opening. *AJNTS*, 2007, 1(21), 3 - 23.

Muceku B. 2007. - Evolution verticale des Albanides : contrôle thermique, érosion et dénudation tectonique. *Géologie alpine*, Mémoire HS nr. 46, Grenoble, France, 120 p.

Muceku B. G., Mascle and A., Tashko. 2006. - Evolution verticale des Albanides : contrôle thermique, érosion et dénudation tectonique. These l'Université Joseph Fourier, Grenoble, France, 254 p.

Muceku B., Mascle G. & Tashko A. First results of fission-track thermochronology in the Albanides. In Roberstson, A. H. F., and Mountrakis, D. (eds) 2006. *Tectonic Development of the Eastern Mediterranean Region*. Geological Society, London, Special Publications, v. 260, p. 539-556.

Muceku B., Tashko A. & Mascle G. (2003). - Te dhena paraprake mbi termokronologjine e disa shkembinjve magmatik te zonave Korabi, Gashi e Mirdita. *Bul. Shk. Gjeol.* 2, 17-24, Tirana.

Gardien V., Poupeau G., Muceku B., Hébert R., Beaudoin G., et Larbin E., (2001) The evolution of amphibolites from site 1067, ODP leg 173 (Iberia Abyssal Plain) : Jurassic rifting to the Pyrenean collision. Dans: Wilson, R.C.L., Whitmarsh, R.B., Taylor, B., Froitzheim, N. (eds.) *Non-volcanic rifting of continental margins: a comparison of evidence from land and sea*; Geological Society of London Special Publications, v. 187, p. 191-208

Muceku B. 2001. Analyse des traces de fission dans les apatites de quelques échantillons GALINAUTE ET ODP 173 de la marge de Galice ; Relation avec l'ouverture océanique créacé. *Géologie Alpine*, t. 76, 12-15.

Muceku B. 1999. Histoire de la déformation et du refroidissement de la croûte supérieur durant le rifting continental : exemple de la marge de Galice : approche thermochronologique par traces de fission sur apatites. *Mem. DEA, Grenoble*, 30 p.

**PJESEMARRJE NE AKTIVITETE SHKENCORE (KONGRESE, SIMPOZIUME, WORKSHOPE):**

Fejza I., Meshi A., Muceku B., Tmava A., Avdullahi S., Meha M., and Kutllovci F. 2012. Geological – structural deformation of the rocks between Prishtina and Gjilan region. *Proceedings of the International Multidisciplinary Scientific Ge;2012*, Vol. 1, p 91.

Fejza I., Meshi A., Muceku B., Tmava A., Avdullahi S., Meha M., Koliqi A., Berisha S. 2012. Petrological and structural analysis of the rocks in the north part of Gjilan region (Kosove). *Proceedings of the International Multidisciplinary Scientific Ge;2012*, Vol. 1, p., 257.

Kutllovci F., Muceku B., Fejza I., Tmava A., Avdullahi S., and Uta A. 2012. Petrographic characteristics of Strazha locality in the east part of Gjilan region-Kosova. *Proceedings of the International Multidisciplinary Scientific Ge;2012*, Vol. 1, p., 249

Kutllovci F., Muceku B., Fejza I. 2012. Petrographic and structural characteristics of the eastern and northern parts of Gjilan region, Kosove. *Buletini i Shkencave Gjeologjike 2012, special electronic edition*. p., 88.

Bardhyl Muceku, Georges Mascle dhe Artan Tashko. 2011. Termokronometria në Albanide: Vlersimi sasior i shpejtesise se daljes se shkembinjëve dhe implikimet tektonike. *Konference shkencore me rastin e 60 vjetorit te Universitetit Politeknik te Tiranes*.

I., Fejza, A., Meshi, B., Muceku, A., Tmava, A., Uta, S., Avdullahi and M., Meha. 2011. The ophiolitic mélangé in the Gjilan region (Kosove) is the supra-ophiolitic sedimentary mélangé or infra-ophiolitic tectonic mélangé? *Proceedings of the International Multidisciplinary Scientific Ge;2011*, Vol. 1, p., 297 (SGEM, p., 297-303).

I., Fejza, A., Meshi, B., Muceku, A., Tmava, A., Uta, S., Avdullahi and M., Meha. 2011. Crystalline basement of the Dardania zone in the Gjilan region (Kosovo): Structure and metamorphism. *Proceedings of the International Multidisciplinary Scientific Ge;2011*, Vol. 1, p., 43 (SGEM, p., 43-50).

B. Muceku , G. Mascle, P. Van der Beek, M. Bernet, and A. Tashko. 2010: Low-temperature thermochronometry in Internal Albanides: Quantitative constraints on exhumation rate and tectonic implications. 6th workshop of the ILP Task Force on Sedimentary Basins, Tirana, Albania.

Engjell Prenjasi, Sotir Tego, Rexhep Koçi, Bardhyl Muceku. 2009. hydrocarbon exploration under thrust anticlines, salt diapirs and tectonic napes. *Proceedings from 9th Offshore Mediterranean conference and exhibition, Ravenna, Itali*.

B. Muceku , M. Bernet , P. Van der Beek , G. Mascle and A. Tashko 2008. Late orogenic extension in the eastern Albanides. *In Garver, J.I., and Montario, M.J. (eds.), Proceedings from the 11th International Conference on thermochronometry, Anchorage, Alaska, 179 - 181*.

Robert, X., P. Van der Beek, J. Braun, J.-L. Mugnier and B. Muceku. 2008. How cylindrical is the Main Himalayan Thrust ? Insights from low - temperature thermochronology and numerical modelling, Poster at the American Geophysical Union, San Francisco, United States, December 14-19.

B., Muceku. Evolucioni vertikal i Albanideve: erozioni dhe denudimi tektonik. 14 Nentor 2006, Instituti Francez i Naftes (IFP), Rueil Malmaison, Paris, France. (*i ftuar*)

B., Muceku. Evolucioni vertikal i Albanideve: erozioni dhe denudimi tektonik. 26 Janar 2007, Fakulteti i Gjeologjisë dhe Minierave, Tiranë.

B., Muceku. Evolucioni vertikal i Albanideve: erozioni dhe denudimi tektonik. 16 Shkurt 2007, Sherbimi Gjeologjik Shqipëtar, Tiranë.

B., Muceku. The IGCP project 543 "Low-temperature thermochronology and its applications: world-wide transfer of knowledge and inter-laboratory calibration" *September 27-28, 2007, Pisa (Italy).*

B. Muceku , M. Bernet , P. Van der Beek , G. Mascle and A. Tashko 2007. Thermochronological evidence for Mio-Pliocene late orogenic extension in the eastern Albanides. *Geophysical Research Abstracts*, Vol. 9, 00405, 2007. SRef-ID: 1607-7962/gra/EGU2007-A-00405.

Robert, X., P. Van der Beek, J. Braun, J.-L. Mugnier and B. Muceku , 2007. Can we detect recent activation of the main central thrust zone from apatite fission track data and numerical modelling ? (Central Nepal), American Geophysical Union, San Francisco, United States, abstract #T23D-1650, December 10-14.

Robert, X., P. Van der Beek, J.-L. Mugnier, J. Braun and B. Muceku. 2007. Constraints on recent lesser himalayan deformation from new apatite fission-track data along a North-South transect (Central Nepal), European Geosciences Union, Wien, Austria, April 16-20.

Muceku B., Mascle G. & Tashko A. (2005) - Vertical evolution of the Albanides: first results of a fission-tracks. *Rapport de la commission Internationale de la Mer Méditerranée (37), France* [hal-00101917-version 1].

Muceku B., Mascle G., and Tashko A., (2004) - Geodynamic evolution of the Albanides: New insights from fission-track thermochronology. 10th International Conference on Fission-Track Dating and Thermochronology, Amsterdam, Abstract Volume, p. 101-103, 8-14 August, 2004.

Muceku B., Mascle G. & Tashko A. (2004) - Vertical evolution of the Albanides: first results of a fission-tracks thermochronological study. CIESM Barcelone, 7-11 June, 2004.

Muceku B., Mascle G. & Tashko A. (2004). - First results of fission-track thermochronology in the Albanides. 5th International Symposium on Eastern Mediterranean Geology Thessaloniki, Greece, 14-20 April, 2004, Ref: 1-19.

Muceku B., Mascle G. & Tashko A. (2003) - Vertical structural evolution of the Albanides: first results of fission-track thermochronology. EGS/AGU/EUG joint assembly, Nice, Geoph. Res. Abs., 5, EAEO3-A05828.

Lapierre H., Chauvet R, Muceku B., Mascle G.H., Bosch D., Demant A., Maury R.C., Tashko A., Tardy M., Marcoux J. & Béchenec R (2004) - Plume-related origin of Triassic volcanism tectonically associated with the Tethyan ophiolites 5 th International Symposium on Eastern Mediterranean Geology Thessaloniki, Greece, 14-20 April, 2004, Ref: T3-5

Lapierre H., Chauvet R, Muceku B., Mascle G.H., Bosch D., Demant A., Maury R.C., TashkoA., Tardy M., Marcoux J. & Béchennec F. (2004) - The Tethyan Triassic volcanism: remnants of intra-oceanic islands related to the opening of the Tethyan ocean. *Rapport de la commission Internationale de la Mer Méditerranée, France* [hal-00101914-version 1].

Lapierre H., Chauvet R, Muceku B., Mascle G.H., Bosch D., Demant A., Maury R.C., TashkoA., Tardy M., Marcoux J. & Béchennec F. (2004) - The Tethyan Triassic volcanism: remnants of intra-oceanic islands related to the opening of the Tethyan ocean. CIESM Barcelone, 7-11 June, 2004.

Gardien V., Poupeau G., Arnaud N., Muceku B., Labrin E., (2000). P-T-time evolution of the continental crust during lithospheric extension : the Galicia margin case (Spain). Abstract Int. Geol. Cong., Rio de Janeiro.

Gardien V., Poupeau G., Muceku B., Beslier M O., Marcaillou B., Hébert R. (1999). Pressure-Temperature-Time evolution of the drilling site 1067 amphibolites, ODP leg 173 (Iberia abyssal plain). Abstract Geol. Soc. London.