

Curriculum Vitae of Prof. Dr Nasrddine Youbi



Date & Place of Birth: 25Th, November 1959, Fez (Morocco).

Position : Full Professor

Martial State: Married

Professional Address: Department of Geology, Faculty of Sciences-Semlalia, Cadi Ayyad University, P.O. Box 2390, Prince Moulay Abdellah Boulevard, Marrakech 40000 (Morocco).

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Education (universities attended, degrees earned and dates received)

- « Thèse de Doctorat d'Etat ès Sciences » (PhD Thesis) 1998/ Geology : Petrology & Geochemistry / Cadi Ayyad University, Faculté of Sciences-Semlalia, Marrakech ;

- «Thèse de Doctorat de 3^{ème} Cycle» (Master Thesis) /1990 /Geology, Petrology & Geochemistry / Sidi Mohamed Ben Abdellah University, Faculty of Sciences Dhar Al Mehraz, Fès ;

- « Diplôme des Etudes Approfondies » /1987 /Geology / Sidi Mohamed Ben Abdellah University, Faculty of Sciences Dhar Al Mehraz, Fès ;

- « Diplôme des Ecoles Normales Supérieures » /1984/ Biology & Geology/ Ecole Normale Supérieure - Bensouda, Fès ;

- « Baccalauréat » /1980 /Sciences Expérimentales/Lycée Abou Lkhayr, Berkane, Centre d'Oujda.

Professional positions held

- Professor in the Department of Geology of the Faculty of Sciences-Semlalia of Cadi Ayyad University of Marrakech (Morocco).. 2002-Actuel;

- Expert evaluator member of the Joint Morocco-France Scientific Committee of the Huber Curien Toubkal Program (2nd time 2019-2021);

- Deputy Head of the Department of Geology of the Faculty of Sciences-Semlalia of the University Cadi Ayyad of Marrakech. 2018-Date;
- Director of Laboratory DLGR, URAC-CNRST 43 "Dynamics of the Lithosphere and the Genesis of Mineral and Energy Resources, Unit Associated to CNRST» 2020-2024;
- Director of Laboratory 3 GeoLab "Geosciences; Georesources and Geohazards »2016-2020;
- Associate-Professor (« Professeur-Assistant » in the Department of Geology of the Faculty of Sciences-Semlalia of the Cadi Ayyad University of Marrakech (Morocco). 30/06/ 1996-6/07/1998 ;
- Assistant-Professor (« Maître-Assistant ») in the Department of Geology of the Faculty of Sciences-Semlalia of Cadi Ayyad University of Marrakech (Morocco) au Département de Géologie de la Faculté des Sciences-Semlalia de l'Université Cadi Ayyad de Marrakech (Maroc). 16/9/87-30/06/ 1996 ;
- Professor of the second cycle of “Secondary and Technical Education” seconded to the Department of Geology of the Faculty of Sciences-Dhar Al Mehraz of the University Sidi Mohammed Ben Abdellah of Fez (Morocco). 16/9/1985-16/9/1987 ;
- Professor of the second cycle of Secondary and Technical Education at the College Moulay Rachid in Taza (Morocco). 16/9/1984 16/9/1985.

Publications (provide full citations and list them starting with the most recent)

Please consult the following websites :

Web of Science: <https://publons.com/researcher/2838307/nasrrddine-youbi/>

Researchgate: https://www.researchgate.net/profile/Nasrrddine_Youbi

Google Scholar: <https://scholar.google.com/citations?user=ZNcoZLoAAAAJ&hl=en>

ORCID ID <https://orcid.org/0000-0003-3466-2400>

2021

- DAVIES, J.H.F.L., MARZOLI, A., BERTRAND, H., **YOUBI, N.**, ERNESTO, M., GREBER, N.D., ACKERSON, M., SIMPSON, G., BOUVIER, A-S., BAUMGARTNER, L., PETTKE, T., FARINA, F., AHRENSTEDT, H.V., SCHALTEGGER U. (2021). Zircon petrochronology in large igneous provinces reveals upper crustal contamination processes: new U–Pb ages, Hf and O isotopes, and trace elements from the Central Atlantic magmatic province (CAMP). *Contributions to Mineralogy and Petrology*, 176, 9. <https://doi.org/10.1007/s00410-020-01765-2>
- ERNST, R.E., BOND, D.P.G., ZHANG, S-H., BUCHAN, K.L., GRASBY, S.E., **YOUBI, N.**, HAFIDA, H. EL, BEKKER, A. & DOUCET, L. (2021). LIP record through time and implications for secular environmental changes and GTS boundaries. In: Ernst, R.E., Dickson, A.J., Bekker, A. (eds). *Large Igneous Provinces: A Driver of Global Environmental and Biotic Changes*. AGU Geophysical Monograph 255. First published: 23 December 2020 <https://doi.org/10.1002/9781119507444.ch1>
- GONG, Z., EVANS, D. A. D., **YOUBI, N.**, AIT LAHNA, A., SÖDERLUND, U., AIT MALEK, M., WEN, B., JING, X. Q., DING, J. K., BOUMEHDI, M. & ERNST, R. E. (2021). Reorienting West African Craton in Paleoproterozoic-Mesoproterozoic supercontinent Nuna. *Geology*. 49 (10): 1171–1176. <https://doi.org/10.1130/G48855.1>
- YOUBI, N.**, ERNST, R.E., MITCHELL, R.N., BOUMEHDI, M.A., EL MOUME, W., AIT LAHNA, A., BENSALAH, M.K., SÖDERLUND, U., DOBLAS, M., & TASSINARI, C.C.G (2021). Preliminary appraisal of a correlation between glaciations and large igneous provinces over the past 720 million years. In: Ernst, R.E., Dickson, A.J., Bekker, A. (eds). *Large Igneous Provinces: A Driver of Global Environmental and Biotic Changes*. AGU

2020

- CAPRIOLO, M. , MARZOLI, A., ARADI, L.A., CALLEGARO, S., DAL CORSO, J., NEWTON, R. J., MILLS, B.J.W., WIGNALL, P. B., BARTOLI, O., BAKER, D.R., **YOUBI, N.**, REMUSAT, L., SPIESS, R. & SZABÓ, C. (2020). Deep CO₂ in the end-Triassic Central Atlantic Magmatic Province. *Nature Communications*. Volume 11, Article number: 1670 <https://doi.org/10.1038/s41467-020-15325-6>
- DUR AISWAMI, R.A., SHETH, H., GADPALLU, P., **YOUBI, N.** & CHELLAI, E.H. (2020). A simple recipe for red bole formation in continental flood basalt provinces: weathering of flow-top and flow-bottom breccias. *Arabian Journal of Geosciences* 13, 953 (2020). <https://doi.org/10.1007/s12517-020-05973-9>
- LINDSTRÖM, S., CALLEGARO, S., DAVIES, J., TEGNER, C., VAN DE SCHOOTBRUGGE, B. GUNVER K.PEDERSEN, G.K., **YOUBI, N.**, SANEI, H., & MARZOLI A. (2020). Tracing volcanic emissions from the Central Atlantic Magmatic Province in the sedimentary record *Earth-Science Reviews* Available online 20 November 2020, 103444 In Press <https://doi.org/10.1016/j.earscirev.2020.103444>
- TEGNER, C., MARZOLI, A., MCDONALD, I., **YOUBI, N.**, LINDSTRÖM (2020), S. Platinum-group elements link the end-Triassic mass extinction and the Central Atlantic Magmatic Province. *Scientific Reports* volume 10, Article number: 3482 (2020) <https://doi.org/10.1038/s41598-020-60483-8>

2019.

- MARZOLI, A., BERTRAND, H., **YOUBI, N.**, CALLEGARO, S., MERLE, R., REISBERG, L. CHIARADIA, M., BROWNLEE, S., JOURDAN, F., ZANETTI, A., DAVIES, J. H F L, CUPPONE, T., MAHMOUDI, A., MEDINA, F. RENNE, P.R., BELLINI, G., CRIVELLARI, S. EL HACHIMI, H., BENSALAH, M.K., MEYZEN, C.M., AND TEGNER, C. (2019). The Central Atlantic Magmatic Province (CAMP) in Morocco *Journal of Petrology*, Volume 60, Issue 5, May 2019, Pages 945–996, <https://doi.org/10.1093/petrology/egz021>

2017.

- DAVIES, JHFL, MARZOLI, A, BERTRAND, H, **YOUBI, N.**, ERNESTO, M, SCHALTEGGER, U, (2017). End-Triassic mass extinction started by intrusive CAMP activity. *Nature Communications*, volume 8, Article number: 15596 (2017). DOI <https://doi.org/10.1038/NCOMMS15596> . The 2017 journal metrics for *Nature Communications* are as follows: 2-year Impact Factor: 12.353 5-year Impact: 13.691
- ERNST, R., **YOUBI, N.**, (2017). How Large Igneous Provinces affect global climate, sometimes cause mass extinctions, and represent natural markers in the geological record. *Palaeogeography, Palaeoclimatology, Palaeoecology*, Volume 478, 15 July 2017, pp. 30-52 DOI <https://doi.org/10.1016/j.palaeo.2017.03.014>. Journal Metrics CiteScore: 2.49 Impact Factor: 2.375 5-Year Impact Factor: 2.779 Source Normalized Impact per Paper (SNIP): 1.059 SCImago Journal Rank (SJR): 1.285

Other professional activities, such as workshops, seminars and consultations

- March 2022. Initiator and organizer of the future Joint Meeting March 2022: 8Th International Conference Large Igneous Provinces Through Earth History: Mantle Plumes, Supercontinents, Climate Change, Metallogeny and Oil-Gas, Planetary Analogues / 8Th International Dyke Conference (Cadi Ayyad University , Marrakech, Morocco).

- Initiator and organizer of the 28th session of the Colloquium of African Geology (CAG28) to be held at Sidi Mohamed Ben Abdellah University of Fez, USMBA (Morocco) from 10 to 18 October 2020..
- Member of the Scientific Committee and the Organizing Committee of the 8th International Symposium 3MA "Magmatism, Metamorphism and Associated Mineralizations" held on May 8-12, 2013 at the Faculty of Sciences -Semlalia of the Cadi Ayyad University of Marrakech..
- Member of the Scientific Committee of the International Conference "2nd Arab Impact Cratering and Astrogeology Conference (AICAC II)" held from 13-20 November 2011 at the Faculty of Sciences of Hassan II University Ain Chock (Morocco). Conference organized in partnership with the Arab Union for Astronomy and Space Sciences (AUASS) and the Arab Geologist Association (AGA)

Membership and actives in professional associations

- Member of the International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI) 1996-Date/
- Life Member (« Membre à vie ») of the Geological Society of Africa – GSaf. Janvier 2019-Actuel
- Member of the Geological Society of Africa 2002-2019 ;
- Member of the Arab Union of Geologists 1990-Date ;
- Member of the Geological Society of Morocco 1999-Date ;
- Founding Member of Moroccan Group of Permian et Triassic 1999-Date ;
- Membre actif de l'American Geophysical Union, Washington DC, USA. 2005-2007;
- Member of the « Association des Géologues du Permien et du Trias » (France) 1990-Date ;

Professional honors, awards and fellowships

- July 2019 Research Excellence Awards of Clarivate Analytics (Web of Science Group). Prize for Excellence in Geoscience Research, awarded to the best Moroccan researchers who have distinguished themselves by the quality and volume of their scientific output, listed by Publisher Clarivate Analytics (Web of Science Group: Ex-ISI, Thomson which is a more selective database than Scopus). CNRS Rabat 2019..
- 2019-2021. Appointment by the Minister of National Education, Higher Education, Executive Training and Scientific Research as Expert Evaluator member of the Joint Scientific Committee Morocco-France Huber Curien Toubkal Program (2nd term 2019-2021) ;
- 2016 Appointment by the Minister of National Education, Higher Education, Executive Training and Scientific Research as Expert Evaluator member of the Joint Scientific Committee Morocco-France Huber Curien Toubkal Program (1st term 2016-2018) ;
- Winner of the 2014 C.V. Raman Fellowship for African Researchers/Department of Science and Technology (DST) and Ministry of External Affairs (MEA), Government of India (GoI), through the Federation of Indian Chambers of Commerce & Industry (FICCI). These institutions launched the C.V. Raman Fellowship for African Researchers programme under the India-Africa Forum Summit to promote human capacity building through scientific and technological cooperation between Africa and India.
- Promotion 2008 on an exceptional basis (6 years) from the grade of Professor of Higher Education A to the degree Professor of Higher Education B. February 2010.

- Appointment by the Minister of National Education, Higher Education, Management Training and Scientific Research as Expert Assessor Member of the Scientific Committees of the CNRST (National Center for Scientific and Technical Research) "COMMITTEE II: Medical Sciences, Life and Earth, Agriculture and Fisheries »2008-2010 (first term, selection of candidates on the ISI Thompson database) and 2014-2016 (second term, selection of candidates on the Scopus database)

- Nomination by the President of the University Cadi Ayyad as member Expert-evaluator member Instance of Evaluation of the Research (IER) of the University Cadi Ayyad 2010

- Appointment by the Scientific Council of Centro de Geologia - Faculdade de Ciências - Universidade de Lisboa (CeGUL) as associate researcher at the Center. 2007-Current

- Cadi Ayyad University Distinction Award for Educational Efforts and Efforts in the Field of Scientific Research (2009). Event organized by the Presidency of University Cadi Ayyad on the occasion of the 30th Anniversary of the University under the High Patronage of His Majesty King Mohammed VI.

- Prize for the best PhD Thesis in Geology (1998) "Journées du Livre". Cultural and scientific event organized by the Tensift-Marrakech Regional Council and Cadi Ayyad University, Faculty of Sciences-Semlalia, Marrakech 1999

Community service

- 2016-Current. Reviewer for Elsevier Scientific Journals (Journal of African Earth Sciences, Precambrian Research, Gondwana Research, Geoscience Frontiers, Journal of Geodynamics, Rendus Geosciences Accounts) and Springer (International Journal of Earth Sciences).

- Avril 2011-2012. Chief Editor of the International Scientific Journal « The Journal of Geology and Mining Research (JGMR) (ISSN:2006-9766) » Kenya ;

- December 2010- Current. Member of the editorial board of the international scientific journal Comunicações Geológicas of LNEG - National Laboratory of Energy and Geology (Geological Survey of Portugal);