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First name: Esmail
Academic degree: Ph.D.
Date of birth: Feb. 02, 1973 born in Borujen
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Profession: Assistant professor - IASBS



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Institute for Advanced Studies in Basic Sciences,
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EDUCATION

2004 - July 2009:

Ph.D. (CEREGE - Aix-Marseille III University - France); Environement Geosciences Morphotectonics and cosmogenic dating (in situ-produced ^{36}Cl and ^{10}Be nuclides)

“Active tectonic study in northeast Iran: contribution of the Kopeh Dagh and Binalud mountains to the accommodation of the Arabia-Eurasia convergence”

1995- September 1998:

Master of Science (Tarbiat Modarres University - Iran), Structural Geology

“Study of deformation pattern of the Pishva - Kuh Sorkh area (SE of Tehran)”

1991- September 1995:

Bachelor of Science (BSc) (Shahrud University of Technology -Iran), Geology

RESEARCH THEME

Crustal deformation: folding and faulting – Characterization of fault and fold activities using ^{36}Cl and ^{10}Be cosmogenic nuclides – Morphotectonic and fault kinematic investigations in continental domains (Iran, France, Tunisia) – Geodynamics of the Arabia-Eurasia convergence (Alborz, Central Iran, Kopeh Dagh, Makran, Zagros) – Seismotectonics and Paleoseismology.

SCIENTIFIC INTEREST

Structural geology (brittle deformation and microtectonics), Active tectonics, Tectonic geomorphology, Cosmogenic dating (^{36}Cl and ^{10}Be nuclides), Seismotectonics and paleoseismology, Seismotectonic implications of active faulting data in seismic risk assessments, Mechanism of deformation in stable continental regions, Geodynamics.

SCIENTIFIC EXPERIENCE

- Since 2013* *Assistant Professor*, Department of Earth Sciences, IASBS, Zanjan, Iran
- 2009 – 2013* *Research scientist & Postdoctoral fellow*, CNRS - Aix-Marseille University, France
- 1997 – 2005* *Seismotectonic expert*, International Institute of Earthquake Engineering and Seismology (IIEES), Tehran, Iran

VOCATIONAL COURSES

- *In situ*-produced ^{10}Be *cosmogenic dating*: field sampling, physical/chemical sample treatment, age calculation, and result interpretation – application since June 2007.
- *In situ*-produced ^{36}Cl *cosmogenic dating*: field sampling, physical/chemical sample treatment, age calculation, and result interpretation – application since January 2006.
- *GPS data processing*: geodynamic and topographic campaigns – April to July 2000 Montpellier, France. Differential GPS survey (Leica and Trimble systems) – application since 2003.

RESEARCH & COLLABORATED PROJECTS

Active tectonics:

- Active tectonics of a lateral transition between the Zagros-Makran deformation zones (1999 – 2003; IIEES – France).
- Seismotectonics and the deformation pattern of Central-Eastern Alborz, with a special perspective on earthquake-prone zones (2002 – IIEES).
- Active tectonics of the Kazerun Fault system (2002 – 2005; IIEES – France).
- Active tectonics of the Kopeh Dagh and Binalud mountains (NE Iran) – (2005 – 2008; IIEES – France).
- Active tectonics of the transition zone between the Kopeh Dagh and eastern Alborz deformation domains (2006 – 2010; France).
- Active tectonics of the Doruneh Fault System (ENE Iran); structural evolution, seismogenic behavior and geodynamic role – (2007 – 2011; France).
- Morphotectonics and fault kinematic analyses in Provence (SE France) – (2010 – 2011; France).
- Evaluation of denudation rates in drainage basins nested in carbonate reliefs through ^{36}Cl cosmogenic nuclide: validation, limits and applications – (2011 – 2013, France).

Structural geology:

- Evolution of the stress field in Tehran region during the Quaternary (1999 – IIEES).
- The present-day state of stress in the southern flank of Central Alborz (N Iran) – (2003 – IIEES).
- Structural geology of the Qomrud (Ghomroud) water conveyance tunnel - 1:2500 scale mapping (2003 – Sahel Consultant Engineers, Iran).
- Structural geology of the Gotvand dam access tunnel - 1:2500 scale mapping (2003 – Sahel Consultant Engineers, Iran).
- Active tectonics and structural geology of the Karaj water conveyance tunnel – 1:2000 & 1:500 scales mapping (2005 – Sahel Consultant Engineers, Iran).
- Spatiotemporal changes in the plio-quaternary stress state in NE Iran (2006 – 2009; IIEES – France).
- Evolution of the Tertiary stress state in eastern Tunisia (2009 – 2012; France).

- Plio – Quaternary magmatism in north and northeast Iran: interaction between deep-seated strike-slip faults and spot volcanism (2010 – 2011; France – Italy).

Seismotectonics and Paleoseismology:

- Paleoseismological investigations (trenching) along the North Tabriz Fault (NW Iran) – (1999 – IIEES).
- Seismotectonics of the southeastern Zagros, Assalueh petroleum complex (2000 – IIEES).
- Paleoseismological investigations (trenching) along the Mosha Fault (N Iran) – (2004 – 2005; IIEES – UM2; France).
- Seismic source characterization of the Kribi region (SW Cameroon) in the context of a probabilistic seismic hazard analysis (2010; CEREGE – BRGM; France).
- Seismic source characterization of the Upper Rhein Graben: Alsace region (NE France) in the context of a probabilistic seismic hazard analysis (2010; CEREGE – BRGM; France).

EXPERTISE WORK

Since 2009:

Reviewer of papers for journals: *Tectonics*, *Geophysical Journal International*, *Tectonophysics*, *Journal of Geodynamics*, *Journal of Asian Earth Science*, *Journal of Earth System Science*, *Terra Nova*, *Geological Magasin*, *Pure and Applied Geophysics*.

PUBLICATION

Articles in Peer-reviewed international Journals (ISI articles)

2018:

Taghipour, K., Khatib, M., Heyhat, M., **Shabanian, E.**, Vaezihir, A. (2018), Evidence for distributed active strike-slip faulting in NW Iran: The Maragheh and Salmas fault zones, *Tectonophysics*, 742–743, 15–33, <https://doi.org/10.1016/j.tecto.2018.05.022>.

Rastgoo, M., Rahimi, H., Motaghi, K., **Shabanian, E.**, Romanelli, F., Panza, G. F. (2018), Deep structure of the Alborz Mountains by joint inversion of P receiver functions and dispersion curves, *Physics of the Earth and Planetary Interiors*, 277, 70-80.

2017:

Motaghi, K., **Shabanian, E.**, Kalvandi, F. (2017), Underplating Along the Northern Portion of the Zagros Suture Zone, Iran, *Geophysical Journal International*, 210(1), 375-389.

Motaghi, K., **Shabanian, E.**, Tatar, M., Cuffaro, M., Doglioni, C. (2017), The south Zagros suture zone in teleseismic images, *Tectonophysics*, 694, 292-301.

Aflaki, M., **Shabanian, E.**, Davoodi, Z., Mohajjel, M. (2017), Reactivation versus reworking of the active continental margin during the Zagros collision: Mahallat–Muteh–Laybid complexes, Sanandaj–Sirjan zone, Iran, *Journal of Geodynamics*, 1-19.

Thomas, F., Godard, V., Bellier, O., **Shabanian, E.**, Ollivier, V., Benedetti, L., Rizza, M., Espurt, N., Guillou, V., Hollender, F. (2017), Morphological controls on the dynamics of carbonate landscapes under a Mediterranean climate, *Terra Nova*, 29(3), 173-182.

2016:

Farbod, Y., **E. Shabanian**, O. Bellier, M. R. Abbassi, R. Braucher, L. Benedetti, D. Bourlès, and K. Hessami (2016), Spatial variations in late Quaternary slip rates along the Doruneh Fault System (Central Iran), *Tectonics*, 35, doi:10.1002/2015TC003862.

Godard, V., O. Vincent, O. Bellier, C. Miramont, **E. Shabanian**, J. Fleury, L. Benedetti, and V. Guillou (2016), Weathering-limited hillslope evolution in carbonate landscapes. *Earth and Planetary Science Letters*, 446, 10 – 20, DOI:10.1016/j.epsl.2016.04.017.

Malekzade, Z., O., Bellier, M. R., Abbassi, **E. Shabanian**, and C. Authemayou, (2016), The effects of plate margin inhomogeneities on the deformation pattern within west-Central Zagros Fold-and-Thrust Belt, *Tectonophysics*, DOI:10.1016/j.tecto.2016.01.030.

2015 :

Ghods, A., **E. Shabanian**, E. Bergman and M. Faridi (2015), The Varzaghan-Ahar, Iran, Earthquake Doublet (Mw 6.4, 6.2): Implications for the Geodynamics of Northwest Iran, *Geophy. J. Int.*, 203, 522-540.

2012:

Shabanian, E., O., Bellier, L.L., Siame, M.R., Abbassi, D., Bourlès, Y., Farbod (2012), The Binalud Mountains, a key piece for the geodynamic puzzle of NE Iran, *Tectonics*, 31, TC6003, doi:10.1029/2012TC003183.

Shabanian, E., V. Acocella, A. Gioncada, H. Ghasemi, and O. Bellier (2012), Structural control on volcanism in intraplate post collisional settings: Late Cenozoic to Quaternary examples of Iran and Eastern Turkey, *Tectonics*, 31, TC3013, doi:10.1029/2011TC003042.

Pezzo, G., C. Tolomei, S. Atzori, S. Salvi, **E. Shabanian**, O. Bellier, and Y. Farbod (2012), New kinematic constraints of the western Doruneh fault, northeastern Iran, from interseismic deformation analysis, *Geophys. J. Int.*, 190, 622–628, doi:10.1111/j.1365-246X.2012.05509.x.

2011:

Farbod, Y., O. Bellier, **E. Shabanian**, and M. R. Abbassi (2011), Geomorphic and structural variations along the Doruneh Fault System (central Iran), *Tectonics*, 30, TC6014, doi:10.1029/2011TC002889.

Djamali, M., Baumel, A., Brewer, S., Jackson, S.T., Kadereit, J.W., López-Vinyallonga, S., Mehregan, I., **Shabanian, E.**, Simakova, A. (2011). Ecological implications of *Cousinia* Cass. (Asteraceae) persistence through the last two glacial–interglacial cycles in the continental Middle East for the Irano-Turanian flora, *Review of Palaeobotany and Palynology*, 172, 10–20, doi:10.1016/j.revpalbo.2012.01.005.

Javidfakhr, B., Bellier, O., **Shabanian, E.**, Ahmadian, S., Saidi, A. (2011), Plio-Quaternary tectonic regime changes in the transition zone between Alborz and Kopeh Dagh mountain ranges (NE Iran), *Tectonophysics*, 506, 86-10.

Javidfakhr, B., Bellier, O., **Shabanian, E.**, Siame, L., Léanni, L., Bourlès, D., Ahmadian, S., (2011). Fault kinematics and active tectonics at the southeastern boundary of the eastern Alborz (Abr and Khij fault zones): Geodynamic implications for NNE Iran, *J. Geodynamics*, 52, 290-303.

2010:

Shabanian, E., Bellier, O., Abbassi, M., Siame, L.L., Farbod, Y. (2010), Plio-Quaternary states of stress in NE Iran: Kopeh Dagh and Allah Dagh-Binalud mountains, *Tectonophysics*, 480, 280-304, doi:10.1016/j.tecto.2009.10.022.

2009:

Shabanian, E., O. Bellier, L. Siame, N. Arnaud, M. R. Abbassi, and J.-J. Cochemé (2009), New tectonic configuration in Ne Iran: active strike-slip faulting between the Kopeh Dagh and Binalud mountains, *Tectonics*, 28, doi:10.1029/2008TC002444.

Shabanian, E., L. Siame, O. Bellier, L. Benedetti, and M. R. Abbassi (2009), Quaternary slip rates along the north-eastern boundary of the Arabia-Eurasia collision zone (Kopeh Dagh Mountains, Northeast Iran), *Geophys. J. Int.*, 178, 1055-1077, doi: 10.1111/j.1365-246X.2009.04183.x.

- Siame, L. L., **E. Shabanian**, and O. Bellier (2009), Comment to: Extrusion tectonics and subduction in the eastern South Caspian region since 10 Ma, *Geology*, doi: 10.1130/G25701C.1.
- Authemayou, C., O. Bellier, D. Chardon, L. Benedetti, Z. Malekzadeh, C. Claude, B. Angeletti, **E. Shabanian**, and M. R. Abbassi (2009), Quaternary slip-rates of the Kazerun and the Main Recent Faults: active strike-slip partitioning in the Zagros fold-and-thrust belt, *Geophys. J. Int.*, 178, doi: 10.1111/j.1365-246X.2009.04191.x.
- Before 2009:*
- Authemayou, C., D. Chardon, O. Bellier, Z. Malekzadeh, **E. Shabanian**, and M. R. Abbassi (2006), Late Cenozoic partitioning of oblique plate convergence in the Zagros fold-and-thrust belt (Iran), *Tectonics*, 25, TC3002, doi:10.1029/2005TCOO1860.
- Regard, V., O. Bellier, R. Braucher, F. Gasse, D.L. Boulès, J.L. Mercier, J.-C. Thomas, M.R. Abbassi, **E. Shabanian**, and S. Soleymani (2006), ¹⁰Be dating of alluvial deposits from Southeastern Iran (the Hormoz Strait area). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 242, 36-53.
- Regard, V., O. Bellier, J.-C. Thomas, D. Boulès, S. Bonnet, M. R. Abbassi, R. Braucher, J. Mercier, **E. Shabanian**, S. Soleymani, and K. Feghhi (2005), Cumulative right-lateral fault slip rate across the Zagros–Makran transfer zone: role of the Minab–Zendan fault system in accommodating Arabia–Eurasia convergence in southeast Iran, *Geophys. J. Int.*, 162, 177–203, doi:10.1111/j.1365-246X.2005.02558.x.
- Regard, V., O. Bellier, J.-C. Thomas, M. R. Abbassi, J. Mercier, **E. Shabanian**, K. Feghhi, & S. Soleymani (2004), The accommodation of Arabia-Eurasia convergence in the Zagros-Makran transfer zone, SE Iran: a transition between collision and subduction through a young deforming system, *Tectonics*, 23, TC4007, doi:10.1029/2003TC001599.
- Hessami, K., D. Panotosti, H. Tabassi, **E. Shabanian**, M. R. Abbassi, Kh. Feghhi, and S. Solaymani (2003), Paleoearthquakes and slip rates of the North Tabriz Fault. NW Iran: preliminary results, *Annals of Geophysics*, 46(5), 1-13.
- Hessami, Kh., H. Koyi, C. Talbot, H. Tabassi & **E. Shabanian** (2001), Progressive unconformities within an evolving foreland fold-thrust belt, Zagros Mountains, *J. Geol. Soc., London*, 158, 969-981.

Papers in proceedings and other:

- Farahpour, M., **E. Shabanian**, and M. R., Abbassi (1998), Rigid blind batholiths controlling the paleostress orientation on the eastern side of Mt. Alvand, Hamadan (Iran), *Journal of Seismology and Earthquake Engineering (JSEE)*, Autumn.
- Abbassi, M. R., and **E. Shabanian** (1999), Evolution of the stress field in Tehran region during the Quaternary, Proceeding of the 3rd International Conference on Seismology and Earthquake Engineering (SEE3). May 17-19, Tehran, Iran, 67-77.
- Eshghi, S., M. Zare, **E. Shabanian**, M. Rafiei, and M. R. Ghaem-Maghamian (1999), Preliminary report on the Kohmareh Sorkhi – Famur earthquake (Fars, SE Iran), *Journal of Seismology and Earthquake Engineering (JSEE)*, Spring.
- Abbassi, M. R., **E. Shabanian**, Y. Farbod, and H. Tabassi (2003), The State of Contemporary Stress in the Southern Flank of Central Alborz, International Institute of Earthquake Engineering and Seismology/National Research Council of Islamic Republic of Iran (NRCIRI), Earthquake commission, Report 5004, Tehran, Iran.
- Bayer, R., **E. Shabanian**, V. Regard, P. Vernant, F. Nilforoushan, M. R. Abbassi, J. Chéry, M. Tatar, E. Doerflinger, M. Peyret, M. Daignières, O. Bellier, D. Hatzfeld, and M. Mokhtari (2003), Active deformation in Zagros-Makran transition zone inferred from GPS measurements, Proceeding of 4th international conference on seismology and earthquake engineering, Tehran, paper No ST12.
- Abbassi, M., **E. Shabanian**, S. Soleymani, K. Feghhi, J. Mercier, O. Bellier, V. Regard, and J.-C. Thomas (2001), Neotectonics and stress field investigation on the Zagros-Makran transitional Zone, *Journal of Seismology and Earthquake Engineering (JSEE)*, 4 (winter), 16-21.
- Shabanian, E.**, M. R. Abbassi, and Y. Farbod (2001), Fault controls on the formation of Hezardareh anticlines in the Abbas-Abad hills, Tehran (N Iran), *Journal of Seismology and Earthquake Engineering (JSEE)*, 4(2-3), 38-45.
- Regard, V., O. Bellier, M. R. Abbassi, J.-C. Thomas, J. Mercier, **E. Shabanian**, K. Feghhi, S. Soleymani, S. Bonnet, D. Boulès, R. Braucher, and J. Martinod, (2003), Seismic hazard assessment of the Zagros collision vs. Makran subduction transfer deformation zone (SE Iran), Proceeding of 4th international conference on seismology and earthquake engineering, Tehran, paper No ST14.

- Solaymani, S., K. Fegghi, **E. Shabani**, M. R. Abbassi, and J.-F. Ritz (2004), Preliminary results of paleoseismologic investigations along the Mosha Fault (Mosha Valley, N Iran), *Journal of Seismology and Earthquake Engineering (JSEE)*, 6(3), 46-61.
- Abbassi, M. R., and **E. Shabani** (2004), Determination of stress state by inversion of fault slip data in the southern flank of Central Alborz, *Scientific Quarterly Journal: Geosciences* (Geological Survey of Iran), 12(55), 2-17.
- Abbassi, M. R., **E. Shabani**, H. Tabassi, and Y. Farbod (2005), Active Tectonics and Deformation Pattern of Central-Eastern Alborz (Iran), ISBN: 964-308-105-2, 190 p.
- Authemayou C., O. Bellier, D. Chardon, Z. Malekzade, M. R. Abbassi, and **E. Shabani** (2006), The transfer of Strike-slip partitioned motion of oblique convergence across the Zagros fold-and-thrust belt (Southern Iran), *Journal of Seismology and Earthquake Engineering (JSEE)*, 8(1), 17-27.
- Malekzade, Z., M. R. Abbassi, O. Bellier, C. Authemayou, and **E. Shabani** (2009), Deformation Pattern in Western High Zagros. *Scientific Quarterly Journal: Geosciences* (Geological Survey of Iran), 18(69), 130-143.
- Javidfakhr, B., O. Bellier, **E. Shabani**, S. Ahmadian (2011), Active tectonics of the Shahrud region (NE Iran), Proceeding of the 15th Symposium of the Geological Society of Iran, Tehran, 14-15 December, 7 pp.
- Aflaki, M., Ghods, A., Mousavi, Z., **Shabani**, E., Vajedian, S., Akbarzadeh, M. (2018), Seismotectonic characteristics of the 2017 Sefid Sang (Mw 6) earthquake, 18th Iranian Geophysical Conference–May, 2018, Tehran, pages 1-4.
- Khalil M., **Shabani**, E. (2018), Deep structure of the Zagros continental collision zone, 18th Iranian Geophysical Conference–May, 2018, Tehran, pages 1047-1050.
- Jamalreyhani, M., Ghods, A., Motaghi, K., **Shabani**, E., Talebian, M., Chen, L. (2018), Seismicity in the Lurestan Arc of the Zagros Simply Folded Belt, 18th Iranian Geophysical Conference–May, 2018, Tehran.

Abstracts and Presentations (Oral or Poster)

2016:

- Ghods, A., Sobouti, F., **Shabani**, E., Motaghi, K., "Where are the boundaries of the South Caspian Basin? ", Workshops the 34th National & 2nd International Geosciences Congress, February 22-24, 2016, Tehran, Iran, 1-4, (2016).
- Thomas, F., V. Godard, O. Bellier, **E. Shabani** et al. (2016), Controls on the evolution of carbonate landscapes in Provence (France) using cosmogenic nuclides, Geophysical Research Abstracts, Vol. 18, EGU2016-6713, EGU General Assembly 2016, Vienna.

2015:

- Azghandi, M., M.R. Abbassi, **E. Shabani**, Gh. Javan D., and M. Tabatabaee (2015), Investigation of the Contemporary Stress State in Central Zagros, SEE 7 international conference, 18 – 21 May, IIEES, Tehran, Iran.
- Motaghi, Kh., **E. Shabani** and M. Tatar, (2015), Crustal Geometry and Transition Zone Boundaries Beneath Iran, SEE 7 international conference, 18 – 21 May, IIEES, Tehran, Iran.
- Zali, Z., **Shabani**, E., Sobouti, F., and Yazdanfar, A. (2015), Evaluation of Active Tectonics of the Sohrein Fault Zone Using Morphometry and Geomagnetic Survey, SEE 7 international conference, 18 – 21 May, IIEES, Tehran, Iran.
- Zali, Z., **Shabani**, E., Sobouti, F. (2015), Reassessment of active faulting in the Zanzan region (northwest Iran), using geomorphic and geophysical investigations, Geophysical Research Abstracts, Vol. 17, EGU General Assembly 2015, Vienna.

2014:

- Ghods, A., **E. Shabani**, et al. (2014), The Ahar-Varzeghan Earthquake Doublet (Mw 6.4, 6.2, Iran), 32nd National and International Geosciences Congress, 16-19 February, Tabriz, Iran.
- Solaymani Azad, S., K. Hessami, H. Philip, J-F. Ritz, S. Dominguez, M. R. Abbassi, M. Foroutan, **E. Shabani** (2014), Persia as a paradise for paleoseismological studies, example: paleoseismologic and geodynamic issues, NW Iran, 5th International INQUA Meeting on Paleoseismology, Active Tectonics and Archeoseismology (PATA), 21-27 September 2014, Busan, Korea.

2013:

Shabanian, E., O. Bellier, and F. Hollender (2013), Post Pyrenean temporal changes in the stress state of Eastern Provence (SE France): fault kinematics and regional implications, Geophysical Research Abstracts, 15, EGU2013-13871-2, EGU General Assembly 2013.

2011:

Pezzo G., C. Tolomei, Y. Farbod, **E. Shabanian**, S. Salvi, O. Bellier, and C. Faccenna (2011), Interseismic strain accumulation on the Western Doruneh fault by multitemporal SBAS – DinSAR technique, EGU General Assembly 2011, Vienna.

2010:

Farbod Y., O. Bellier, **E. Shabanian**, and M. R. Abbassi (2010), The Structural and geomorphic variation along the Doruneh Fault System, Central Iran, Colloque de L'Ecole Doctorale «Sciences de l'Environnement», Cassis, 29-30 Avril 2010.

Shabanian, E., O. Bellier, L. Siame, M. R. Abbassi, L. Leanni, R. Braucher, Y. Farbod, D. L. Bourlès (2010), Active tectonics of the Binalud Mountains, a key puzzle segment to describe Quaternary deformations at the northeastern boundary of the Arabia-Eurasia collision, Geophysical Research Abstracts, 12, No 06820, EGU General Assembly 02 – 07 May, Vienna (invited lecture).

Shabanian, E., O. Bellier, L. Siame, M. R. Abbassi, L. Leanni, R. Braucher, Y. Farbod, D. L. Bourlès (2010), Active tectonics of the Binalud Mountains, a key puzzle segment to describe Quaternary deformations at the northeastern boundary of the Arabia-Eurasia collision, ESC 32nd General Assembly (Abstract No. T/SD2/TU/08) September 6-10, Montpellier, France.

2009:

Farbod Y., O. Bellier, **E. Shabanian**, R. Braucher, L. Leanni, and M. Abbassi (2009), Active tectonics along the Doruneh fault (NE Iran), Colloque de L'Ecole Doctorale « Sciences de l'Environnement », Marseille, Mars 2009.

Javid Fakhr B. , O. Bellier, **E. Shabanian**, M. R. Abbassi, L. Leanni, and L. Benedetti (2009), Active tectonics in the zone between Alborz and Kopeh Dagh (NE Iran), Colloque de L'Ecole Doctorale «Sciences de l'Environnement», Marseille, Mars 2009.

2008:

Farbod, Y., O. Bellier, **E. Shabanian**, R. Braucher, L. Leanni, and M.R. Abbassi (2008), Active tectonic along the Doruneh fault (North Central Iran): Dynamique d'un collision continentale jeune "l'Iran", 6-7 October, Paris.

Regard, V., Bellier, O., Braucher, R., Gasse, F., Bourlès, D. L., Mercier, J. L., Thomas, J.-C., Abbassi, M. R., **Shabanian, E.**, and Soleymani, S. (2008). ¹⁰Be dating of alluvial deposits from Southeastern Iran (the Hormoz Strait area). In "Réunion SGF: dynamique d'une collision jeune, l'Iran." 6-7 October, Paris.

Shabanian, E., Siame, L., Bellier, O., Benedetti, L., and Abbassi, M. R. (2008), Quaternary slip-rates along the northeastern boundary of the Arabia-Eurasia collision zone (Kopeh Dagh Mountains, Northeast Iran): Dynamique d'un collision continentale jeune "l'Iran", 6-7 October, Paris.

Solaymani Azad, S., J-F. Ritz, M.R. Abbassi, H. Nazari, S. Balescu, **E. Shabanian**, H. Tabassi, K. Fegghi, Y. Farbod, P. Vernant, J. Chery, J-L. Michelot, and M. Massault (2008), Analysing the kinematics and the paleoseismology along the Mosha fault, and its junction with the North Tehran Fault, Central Alborz (Iran): Dynamique d'un collision continentale jeune "l'Iran", 6-7 October, Paris.

2007:

Authemayou, C., O. Bellier, D. Chardon, F. Tavakoli, A. Walpersdorf, L. Benedetti, Z. Malekzade, **E. Shabanian**, M. Abbassi, and D. Hatzfeld (2007), Evolving partitioning of oblique convergence between Arabia/Eurasia in the northwestern Zagros (Iran), 3rd EGU General Assembly, Vienna.

Shabanian, E., L. Siame, O. Bellier, L. Benedetti, and M. R. Abbassi (2007), Quaternary slip-rates in the Kopet Dagh Mountains, NE Iran, Geophysical Research Abstracts, 9, No 04288.

Shabanian, E., L. Siame, O. Bellier, L. Benedetti, M. Abbassi, (2007), Quaternary slip rate in the Kopeh Dagh Mountains, NE Iran, Colloque de L'Ecole Doctorale « Sciences de l'Environnement », Marseille, 13-14 Mars 2007.

2006:

Authemayou, C., O. Bellier, D. Chardon, L. Benedetti, Z. Malekzade, C. Claude, **E. Shabanian**, and M. Abbassi (2006), Vitesses quaternaires le long de la Main Recent Fault et de la faille de Kazerun et accommodation de la convergence oblique dans la chaîne du Zagros (Iran), Réunion Sciences de la Terre, Dijon, 4-8 Déc. 2006.

2005:

Authemayou, C., D. Chardon, O. Bellier, L. Benedetti, Z. Malekzade, **E. Shabanian**, M. Abbassi (2005), Accommodation of oblique collision in the western Zagros (Iran): geometry and Kinematics of the Main Recent Fault, EGU 2005 (Vienna).

Authemayou, C., O. Bellier, D. Chardon, Z. Malekzade, **E. Shabanian**, and M. Abbassi (2005), Accommodation de la convergence Arabie-Eurasie dans le Zagros (Iran) : rôle de la Main Recent fault et de la faille de Kazeun, Colloque de L'Ecole Doctorale « Sciences de l'Environnement », Marseille, Mars 2005.

2004:

Authemayou, C., O. Bellier, D. Chardon, Z. Malekzadeh, M. R. Abbassi, and **E. Shabanian** (2004), The transfer of strike-slip partitioned motion of oblique convergence across the Zagros fold and thrust belt. 2nd conferences of French – Iranian collaboration, 9- 11 September, Grenoble, France.

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