

Personal details					
Gender		M			
Name and first name:		Braucher Régis			
Country		France			
Current position <sup>1</sup>					
Function					
Senior scientist <b>CRCN 10<sup>ème</sup> ech. Indice 863</b>					
French public organisation(s)					
Code RNSR / RNSR code	Organisme / Organisation	Laboratoire / Laboratory	Code unite / Unit code	Code postal / Postcode	Ville / Town
201220322S	CNRS/ Aix Mars Univ. / IRD /Coll. De France/ INRAE	CEREGE	UMR 7330 / UMR 34/UMR_D 161 / UMR 1410	13545	Aix en Provence
French private organisation(s)					
Siret	Etablissement / Organisation	Direction service / Department unit	Code postal / Postal code	Ville /Town	
180 089 013 037 24	CNRS / UMR 7330 0992 CEREGE	UMR 7330 0992 CEREGE	13009	Marseille	
Other activities					
<i>Executive board, supervision of student, teaching, memberships in panels or individual scientific reviewing activities</i>					
<ul style="list-style-type: none"> <li>- 2001 -2007: Elected member of the laboratory council and the personnel committee.</li> <li>- 2008- 2019: Deputy Director of the National Laboratory of Cosmogenic Nucleides (LN2C)</li> <li>2020 – actual: Director of the National Laboratory of Cosmogenic Nucleides (LN2C)</li> <li>- 2016 - Current: Editor of Method X (Elsevier)</li> <li>- 2015-Current: Member of the board of Quaternary Geochronology (Elsevier)</li> <li>- 2014: Organizer of the AMS13 conference (350 participants - 35 nationalities)</li> <li>- Evaluator for the Swiss National Science Foundation, German Research Foundation, South Africa's National Research Foundation</li> <li>- Reviewer for Quat Geoch. EPSI, Terra Nova, Scientific Report, Quat. Interna. Glo-Pla-Cha, Journal Of Evolution, NIMB, Geology, ESPL, Nature</li> <li>- 2001- 2007: 30 hours of MASTER teaching at CEREGE and Grenoble</li> <li>- 2007- Actual: 10 hours of supervised work (Master Geoscience)</li> <li>- 2001-Actual: co-supervision of 15 PhD, 6 post doc, 13 Masters, plus around 4/5 foreign visitors per year.</li> </ul>					
Previous positions					
Début / Start date	Fin / End date	Ville / Town	Etablissement / Organisation	Fonction / Function	

<sup>1</sup> Compléter la ou les sections appropriées / Fill the appropriate field(s)

10/1995	10/1998	Toulon	University	Associate professor
6/1998	6/1999	Duluth (MN, USA)	LLO – Univ MN	Post Doc
09/1999	04/2000	Aix Marseille	CEREGE	Associate professor
09/1999	01/2000	Aix Marseille	CEREGE	Post Doc

## Education<sup>2</sup>

10/1995 – 06-1998 PhD (CEREGE (Aix) et CSNSM (Orsay))

## Productions scientifiques / Scientific productions

### Grants, prizes, awards, fellowships, etc.

2011-2014 : PEDR (12Keuros)

2019-2023 : ANR Mancora (M. Saillard), 180 Keuros

2016-2019 : PICS Russie (Braucher- Arzanhikova) 20 Keuros

2015-2017 PHC Stefanik (Braucher – Sujan) 10 Keuros

2011 -2015 :CAPES Cofecub (braucher – Salgado) 60 Keuros

2011-2014 : PICS Allemagne (braucher – Merchel) 20 Keuros

### 5 most relevant publications

### What is the major contribution of this publication?

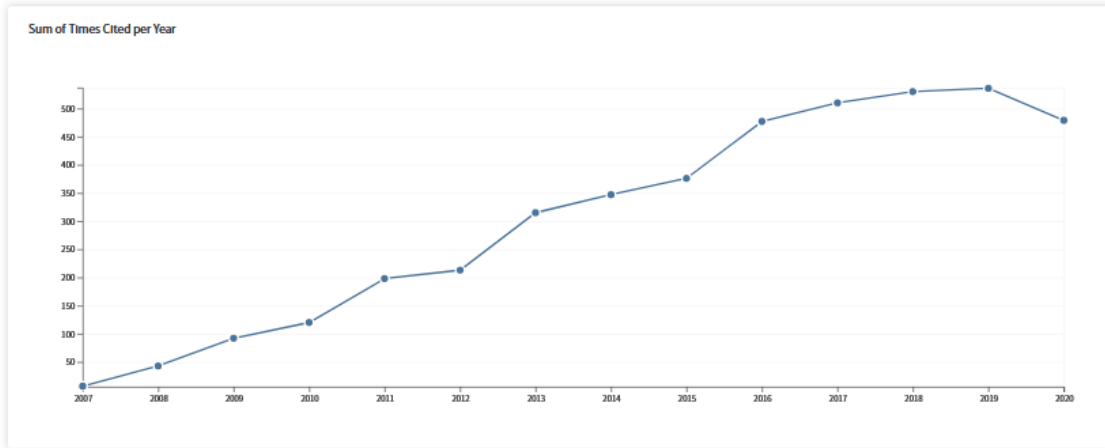
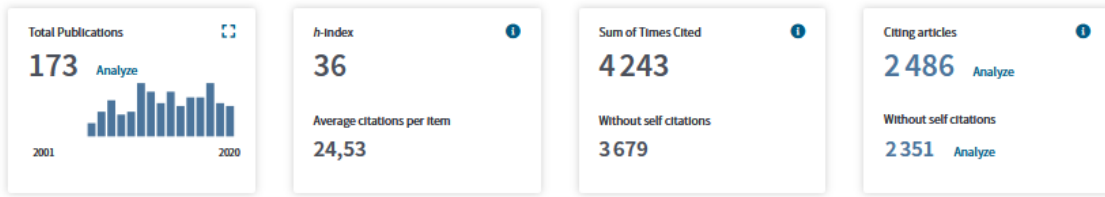
1	<b>Braucher</b> R., Brown E.T, Bourlès D.L., Colin F. In situ-produced <sup>10</sup> Be measurements at great depths: implications for production rates by fast muons. EPSL,211 ,251-258, 2003.	Quantification of the muon contribution
2	<b>Braucher</b> R., Benedetti L., Bourlès D.L., Brown E.T., Chardon, D. Use of in situ produced <sup>10</sup> Be in carbonate rich environments: A first attempt. DOI: 10.1016/j.GCA .2004.09.010, GCA. Vol. 69, No. 6, pp. 1473–1478, 2005	First <sup>10</sup> Be measurement in carbonate.
3	<b>R. Braucher</b> ; P. Del Castillo; L. Siame , A.J. Hidy , D.L. Bourlès. Determination of both exposure time and denudation rate from an in situ-produced <sup>10</sup> Be depth profile: A mathematical proof of uniqueness. Model sensitivity and applications to natural cases. Quaternary Geochronology Volume 4, Issue 1, Pages 1-82 (February 2009).	The depth profile approach ; mathematical demonstration of the unicity of solutions
4	<b>R. Braucher</b> , S. Merchel, J. Borgomano; D.L. Bourlès. Production of cosmogenic radionuclides at great depth: a multi element approach. Earth and Planetary Science Letters, Volume 309, Issues 1-2, 1 September 2011, Pages 1-9	Multi element ( <sup>10</sup> Be, <sup>26</sup> Al, <sup>36</sup> Cl) production determination
5	Šujan M.; <b>Braucher</b> R., Kováč M., Bourlès D. L., Rybár S., Guillou V., Hudáčková N. Application of the authigenic <sup>10</sup> Be/ <sup>9</sup> Be dating method to Late Miocene–Pliocene sequences in the northern Danube Basin (Pannonian Basin System): Confirmation of heterochronous evolution of sedimentary environments. Global and Planetary Change (2016),137, pp. 35-53	Continental sediment dating with atmospheric <sup>10</sup> Be

*patent, creation of a start-up, software development, database, prototype, etc.*

Patent : (Automated chemical extraction bench for the sample preparation (ref :V/Réf. : 648 – N/Réf. : CT/VGI/CW – FR 15 51923 // BANC D'EXTRACTION AUTOMATISE) Pays France. Paru au BOPI n°:16/36 du 09/09/2016.) ; Déposants : K. Keddadouche, **R. Braucher**, D. Bourlès

<sup>2</sup> Les non-titulaires d'un PhD indiquent la date de leur dernier diplôme académique. / Researchers without a PhD must indicate the date of their last academic degree.

Short movie on Our Gabon project ( <https://www.magnetotv.com/fr/documentary/elarmekora/>)



Web of Science 11/2020

## 2020

1. Engel Z., Křížek M., **Braucher R.**, Uxa T., Krause D., AsterTeam; 10Be exposure age for sorted polygons in the Sudetes Mountains; *Journal: Permafrost and Periglacial Processes*. 2020;1 – 15.; DOI: 10.1002/ppp.2091
2. Sartéou A., Blard P.H., **Braucher R.**; Bourlès D.L.; Sorriaux P.; Zimmermann L.; Laffitte A.; Tibari B.; Leanni L.; Guillou V.; ASTER Team; Bourdet A. Late Cenozoic evolution of the Ariège River valley (Pyrenees) constrained by cosmogenic <sup>26</sup>Al/<sup>10</sup>Be and <sup>10</sup>Be/<sup>21</sup>Ne dating of cave sediments. 2020 *Geomorphology*.
3. Karampaglidis T.; Benito-Calvo A.; Rodés A.; **Braucher R.**; Pérez-González A.; Pares J.; Stuart F.; Di Nicola L.; ASTER Team. Pliocene endoreheic-exhoreic drainage transition of the Cenozoic Madrid Basin (Central Spain), 2020; 194; *Global and Planetary Change*. <https://doi.org/10.1016/j.gloplacha.2020.103295>
4. Gärtner A., Merchel S., Niedermann S., **Braucher R.**, ASTER Team, Steier P., Rugel G., Scharf A., Le Bras L., Linnemann U. Nature does the averaging – in-situ produced <sup>10</sup>Be, <sup>21</sup>Ne, and <sup>26</sup>Al in very young river terraces. 2020; *Geosciences*
5. Biette, M.; Jomelli, V.; Chenet, M.; Rinterknecht, V.; **Braucher, R.**; Lane, T.; Aumaître, G.; Bourlès, D.; Keddadouche, K.; Mountain glacier fluctuations during the Lateglacial and Holocene on Clavering Island (northeastern Greenland) from 10Be moraine dating; *Boreas*; DOI: 10.1111/bor.12460
6. Engel Z., **Braucher R.** and Aster Team. Origin and 10Be surface exposure dating of a coarse debris accumulation in the Hrubý Jeseník Mountains, Central Europe. *Geomorphology*; Vol. 365; 107292
7. Jomelli V, Chapron E, Favier V, Rinterknecht V, **Braucher R**, Tournier N. Glacier fluctuations during the Late Glacial and Holocene on the Ariège valley, northern slope of the Pyrenees and reconstructed climatic conditions; *Mediterranean Geoscience Reviews*, 1-15
8. Joniak P.; Šujan M.; **Braucher R.**; Rybár S.; Kováčová M.; Kováč M.; AsterTeam; The age and paleoenvironment of a late Miocene floodplain alongside Lake Pannon: Rodent and mollusk biostratigraphy coupled with authigenic 10Be/9Be dating in the northern Danube Basin of Slovakia; *Palaeogeography, Palaeoclimatology, Palaeoecology*; Volume 538, 15 January 2020, 109482
9. D. Botka, I Magyar, V. Csoma, E.Tóth, M. Šujan, Z. Ruzsiczay-Rüdiger, A. Chyba, **R. Braucher**, K. Sant, S. Ćorić, V. Baranyi, K. Bakrač, K. Krizmanić, I. R. Bartha, M. Szabó, L. Silye Integrated stratigraphy of the Gușterița clay pit: a key section for the early Pannonian (late Miocene) of the Transylvanian Basin (Romania). *Austrian Journal of Earth Sciences*, 2019, 112/2 221-247
10. Ruzsiczay-Rüdiger Zsófia, Kern Zoltán, Temovski Marjan, Madarász Balázs, Milevski Ivica, **Braucher Régis**, ASTER. Team. Last deglaciation in the central Balkan Peninsula: geochronological | evidence from the Jablanica Mt. (North Macedonia). Volume 351, 15 February 2020, 106985 *Geomorphology*
11. Šujan M., **Braucher R.**, Tibenský M., Fordinál K., Rybár S., Kováč M., AsterTeam. Effects of spatially variable accommodation rate on channel belt distribution in an alluvial sequence: Authigenic 10Be/9Be-based Bayesian age-depth models applied to the upper Miocene Volkovce Fm. (northern Pannonian Basin System, Slovakia) *Sedimentary Geology*. *Sedimentary Geology* 397 (2020) 105566. <https://doi.org/10.1016/j.sedgeo.2019.105566>
12. Y. Rolland, R. Darnault, **R. Braucher**, D. Bourlès, C. Petit, S. Bouissou, ASTER Team. Deglaciation history at the Alpine-Mediterranean transition (Argentera-Mercantour, SW Alps) from 10Be dating of moraines and glacially polished bedrock; *Earth Surf. Process. Landforms*, 45: 393– 410.

## 2019

1. Rizza. M., Abdrakhmatov, K., Walker R., **Braucher R.**, Campbell G., McKenzie D., Guillou V., Andy Carr, Jackson J., Ali-Hadji H. and ASTER Team. Rate of slip from multiple Quaternary dating methods and paleoseismic investigations along the Talas-Fergana Fault: tectonic implications for the Tien-Shan Range." *Tectonics*, 38, 7, 2477-2505. <https://doi.org/10.1029/2018TC005188>
2. A. Drouard, J. Gattacceca, A. Hutzler, P. Rochette, **R. Braucher**, D. Bourlès, ASTER Team, M. Gounelle, A. Morbidelli, V. Debaille, M. Van Ginneken, M. Valenzuela, Y. Quesnel, and R. Martinez. The meteorite flux of the past 2 m.y. recorded in the Atacama Desert. *Geology*, v. 47, p. 1–4, <https://doi.org/10.1130/G45831.1>
3. Anne-Elisabeth Lebatard; Didier L Bourlès, **R. Braucher**; Georges Aumaître; Karim Keddadouche. Absolute dating of an Early Paleolithic site in Western Africa based on the radioactive decay of in situ-produced 10Be and 26Al. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms*, Elsevier, 2019 B 456 269-179
4. K. Keddadouche, **R. Braucher**, D. Bourlès, M. Baroni, V. Guillo, L. Léanni, G. Aumaître. Design and performance of an automated chemical extraction bench for the preparation of 10Be and 26Al targets to be analyzed by accelerator mass spectrometry. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms*, Elsevier, 2019; B 456, 230-235
5. **Braucher R.**, Hidy J. Alan, Matmon A., Bourlès D., G. Aumaître, K. Keddadouche. Towards successful cleaning of chert samples for improved 10Be and 26Al measurements. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms*, Elsevier, 2019, B 456, 257-263
6. Jean-François Ritz, **R. Braucher**, Didier Bourlès, Bertrand Delouis, Carlos Marquardt, Alain Lavenu, Hervé Philip, Luc Ortlieb. Slip rate of trench-parallel normal faulting along the Mejillones Fault (Atacama Fault System): Relationships with the northern Chile subduction and implications for seismic hazards. *Terra Nova*. 2019;00:1–15. doi:10.1111/ter.12401

7. Michal Šujan , **R. Braucher**, Martin Šujan c, Jozef Hók , Pavel P. Povinec, František Šipka, Aster Team, Georg Rugel, Andreas Scharf. The tectono-sedimentary evolution of a major seismogenic zone with low slip rate activity: A geochronological and sedimentological investigation of the Dobrá Voda Depression (Western Carpathians) ; *Sedimentary Geology* 383 (2019) 248–267
8. Petit C., Rolland Y., **Braucher R.**, Bourlès D. Guillou V., Petitperrin V. River incision and migration deduced from <sup>36</sup>Cl cosmic-ray exposure durations: The Clue de la Cerise gorge in southern French Alps. *Geomorphology* 2019, (330), 81-88. [10.1016/j.geomorph.2019.01.011](https://doi.org/10.1016/j.geomorph.2019.01.011)

## 2018

1. Michal Šujan, Régis Braucher, Samuel Rybár, Juraj Maglay, Alexander Nagy, Klement Fordinál, Katarína Šarinová, Milan Sýkora, Štefan Józsa, Michal Kováč, ASTER Team . Revealing the late Pliocene to Middle Pleistocene alluvial archive in the confluence of the Western Carpathian and Eastern Alpine rivers: 26Al/10Be burial dating from the Danube Basin (Slovakia); DOI: [doi:10.1016/j.sedgeo.2018.10.001](https://doi.org/10.1016/j.sedgeo.2018.10.001); *Sedimentary Geology*
2. do Couto, E. V.; dos Santos L. J. C.; de Sordi M. V.; Bourlès, D.; Braucher, R.; Salgado A. A. R.; Léanni L.; Ferreira J. H. D.; ASTER Team ..) Changes of the base levels in the Ivaí and Paraná Rivers confluence zone (Southern Brazil): Denudational reflexes in the evolution of the upstream drainage network. *Zeitschrift für Geomorphologie* 2018 ; Vol 62/1, 23-40 <https://doi.org/10.1127/zfg/2018/0545>
3. Varajão C. A. C.; de Alkmim F. F.; **Braucher, R.**; Endo I.; Cherem L. F. S.; Salgado, A. A. R.; Varajão A. F. D. C. Denudation rates in the Pancas Bornhardt Province (SE Brazil), inferred from in situ produced cosmogenic 10Be. *Zeitschrift für Geomorphologie* 2018 ; Vol 62/1, 13-22 <https://doi.org/10.1127/zfg/2018/0496>
4. Břežný M.; Pánek T.; Lenart J.; Zondervan A.; **Braucher R.** 10Be dating reveals pronounced Mid-to Late Holocene activity of deep-seated landslides in the highest part of the Czech Flysch Carpathians. *Quaternary Science Reviews*, Volume 195, 1 September 2018, Pages 180-194
5. Ruszkiczay-Rüdiger Zsófia, Csillag Gabor, Fodor László, **Braucher Régis**, Novothny Agnes, Thamó-Bozsó Edit, Virág Attila, Pazonyi Piroska, Timár Gábor, Aumaître Georges, Bourlès Didier, Keddadouche Karim ; Integration of new and revised chronological data to constrain the terrace evolution of the Danube River (Gerecse Hills, Pannonian Basin. *Quaternary Geochronology*. Volume 48, 148-170. Doi: [10.1016/j.quageo.2018.08.003](https://doi.org/10.1016/j.quageo.2018.08.003)
6. Rochette P., **Braucher R.** , Folco L., Horng C.S., Aumaître G. , Bourlès D.L. and Keddadouche K. 10 Be in Australasian microtektites compared to tektites: Size and geographic controls. *Geology* (2018), 46-9; <https://doi.org/10.1130/G45038.1>
7. Bella P.; Bosák P.; **Braucher R.** ; Petr Pruner P. ; Hercman H. ; Minár J.; Veselský M.; Holec J. ; Léanni L. ; Multi-level Domica-Baradla cave system (Slovakia, Hungary): Middle Pliocene-Pleistocene evolution and implications for the denudation chronology of the Western Carpathians. *Geomorphology* 327 (2019) 62–79. <https://doi.org/10.1016/j.geomorph.2018.10.002>
8. M. Delmas, M. Calvet, Y. Gunnell, P. Voinchet, C. Manel, **R. Braucher** , H. Tissoux, J.J. Bahain, C. Perrenoud, T. Saos, ASTER Team. Terrestrial 10Be and Electron Spin Resonance dating of fluvial terraces quantifies Quaternary tectonic uplift gradients in the eastern Pyrenees.; *Quaternary Science Reviews* 193 (2018) 188 - 211
9. Makos, M., Rinterknecht, V., **Braucher, R.**, Tołoczko-Pasek, A., Arnold, M., Aumaître, G., Bourlès, D., Keddadouche, K., ASTER Team. Last Glacial Maximum and Lateglacial in the Polish High Tatra Mountains - Revised deglaciation chronology based on the 10Be exposure age dating (Article) *Quaternary Science Reviews* Volume 187, 1 May 2018, P: 130-156
10. Anne-Elisabeth Lebatard AE, Bourlès D.L., Khatib S., Saos T. Rochette P. **Braucher R.**, Bae K. 2018. Preliminary dating of the Mansu-Ri and Wondang-Jangnamgyo Early Paleolithic sites. *Comptes Rendus Palevol* 17, 143-151
11. M. V. de Sordi, A. A. R. Salgado, L. Siame, D. Bourlès, J. C. Paisani, L. Léanni, **R. Braucher** , E. V. do Couto. 2018. Implications of drainage rearrangement for passive margin escarpment evolution in southern Brazil, *Geomorphology*, 306, 155-169,
12. Pánek, T., Lenart, J., Hradecký, J., Hercman, H., **Braucher, R.**, Šilhán, K., Coastal cliffs, rock-slope failures and Late Quaternary transgressions of the Black Sea along southern Crimea (Article) *Quaternary Science Reviews* Volume 181, 1 February 2018, Pages 76-92

13. **R. Braucher** , K. Keddadouche, G. Aumaître, D.L. Bourlès, M. Arnold, S. Pivot, M. Baroni, A. Scharf, G. Rugel , E. Bard Chlorine measurements at the 5 MV French AMS national facility ASTER: associated external uncertainties and comparability with the 6MV DREAMS facility. . Nuclear Inst, and Methods in Physics Research B 420 40–45, (2018)
14. Anaïs Marechal, Jean-François Ritz, Matthieu Ferry, Stephane Mazzotti, Pierre-Henri Blard, Régis **Braucher**, Dimitri Saint-Carlier. Active tectonics around the Yakutat indenter: New geomorphological constraints on the eastern Denali, Totschunda and Duke River Faults. *Earth and Planetary Science Letters* 482 (2018) 71–80
15. Arzhannikova, S. Arzhannikov, **R. Braucher** , M. Jolivet, G. Aumaître, D. Bourlès, K. Keddadouche. Morphotectonic analysis and <sup>10</sup>Be dating of the Kyngarga river terraces (southwestern flank of the Baikal rift system, South Siberia). *Geomorphology* 303 (2018), 94–105.
16. A. Sartégou, D. L. Bourlès , P.H. Blard, **R. Braucher** , B. Tibari , L. Zimmermann , L. Leanni , and ASTER Team Deciphering landscape evolution with karstic networks: A Pyrenean case study. *Quaternary Geochronology* 43 (2018) 12–29

## 2017

1. Lorenz Wüthrich, Claudio Brändli, Régis **Braucher**, Heinz Veit, Negar Haghpor, Carla Terrizzano, Marcus Christl, Christian Gnägi, and Roland Zech. <sup>10</sup>Be depth profiles in glacial sediments on the Swiss Plateau: deposition age, denudation and (pseudo-) inheritance. *E&G Quaternary Sci. J.*, 66, 57-68, 2017. <https://doi.org/10.5194/egqsj-66-57-2017>
2. E. Defive, J.F Berger, A. Poiraud, A. Barra , E. Bouvard, C. Virmoux , O. Voltaire, A. Garreau, Y. Miras, A. Beauger, M. Cabanis, Y. Gunnell ,**R. Braucher** , A.M. Dendievel, S. Nomade , V. Delvigne, A. Lafarge, R. Liabeuf, H. Guillou, J.P. Raynal. Les flux hydro-sédimentaires dans le bassin supérieur du fleuve loire (massif central, France) au cours des trois derniers millénaires : archives séquentielles, chronologie et corrélations régionales. *Quaternaire*, 28, (3), 2017, p. 373-388
3. Thouret J.-C., Gunnell, Y., Jicha, B., R., Paquette, J.-L. , **Braucher**, R. Canyon incision chronology based on ignimbrite stratigraphy and cut-and-fill sediment sequences in SW Peru documents intermittent uplift of the western Central Andes, *Geomorphology* (2017)
4. Zbyněk Engel, Pavel Mentlík, Régis **Braucher**, Marek Křížek, Markéta Pluháčková, Aster Team; <sup>10</sup>Be exposure age chronology of the last glaciation of the Roháčská Valley in the Western Tatra Mountains, central Europe . *Geomorphology*, Vol. 293 (2017), pp 130-142 .
5. Toward the feldspar alternative for cosmogenic <sup>10</sup>Be applications; Zerathe S, Blard P, **Braucher R**, Bourlès D, Audin L, Carcaillet J, Delgado F, Benavente C, Aumaître G, Keddadouche K; *Quaternary Geochronology*, vol. 41 (2017) pp. 83-96
6. Recent, climate-driven river incision rate fluctuations in the Mercantour crystalline massif, southern French Alps. C Petit, L Goren, Y Rolland, D Bourlès, **R Braucher**, M Saillard, D Cassol, *Quaternary Science Reviews* 165, 73-87
7. Late Miocene fluvial distributary system in the northern Danube Basin (Pannonian Basin System): depositional processes, stratigraphic architecture and controlling factors of the Piešťany Member (Volkovce Formation), M Šujan, M Kováč, J Hók, M Šujan, **R Braucher**, S Rybár, A de Leeuw, *Geological Quarterly*, 521-548, doi: 10.7306/gq. 1360
8. K. Krklec, D. Domínguez-Villar, **R. Braucher** , D. Perica, I. Mrak, ASTERTeam. Morphometric comparison of weathering features on side by side carbonate rock surfaces with different exposure ages - A case from the Croatian coast. *Quaternary International* Vol. 494, Pages 275-285.
9. C.D. Athanassas, **R. Braucher** , D.L. Bourlès, A.E. Lebatard. Cosmic-ray exposure dating of a ~5 ka open cast copper mine in the Aegean: modeling volume modulations. *Zeitschrift für Geomorphologie*; Vol 61/1, 43-51.
10. T. Panek, P. Mentlík, Z. Engel, **R. Braucher** , A. Zondervan Late Quaternary sackungen in the highest mountains of the Carpathians; *Quaternary Science Review* 159 (2017) 47 - 62
11. Schwartz S., Zerathe S., Jongmans D., Baillet L., Carcaillet J., Audin L., Dumont T., Bourlès D., **Braucher R.**, Lebrouc V. Cosmic ray exposure dating on the large landslide of Séchilienne (Western Alps): A synthesis to constrain the slope evolution. *Geomorphology* (2016), <http://dx.doi.org/10.1016/j.geomorph.2016.11.014>.
12. Y. Crest, M. Delmas, **R. Braucher** , Y. Gunnell, M. Calvet, ASTER Team; Cirques have growth spurts during deglacial and interglacial periods: Evidence from <sup>10</sup>Be and <sup>26</sup>Al nuclide inventories in the central and eastern Pyrenees ; *Geomorphology* 278 (2017) 60–77

## 2016

1. Rolland Y., Petit C., Saillard M., **Braucher R.**, Bourlès D., Darnault R., ASTER Team; Inner gorges incision history: a proxy of deglaciation? Insights from Cosmic Ray Exposure dating (<sup>10</sup>Be and <sup>36</sup>Cl) of river-polished surfaces (Tinée River, SW Alps, France); *Earth and Planetary Science Letters*
2. E. Pérouse , M. Sébrier, **R. Braucher** , N. Chamot-Rooke, D. Bourlès, P. Briole, D. Sorel, D. Dimitrov, v; Transition from collision to subduction in Western Greece: the Katouna–Stamna active fault system and regional kinematics; *International Journal of Earth Sciences*; pp 1-23; doi: 10.1007/s00531-016-1345-9
3. C.D. Athanassas, D.L. Bourlès, **R. Braucher** , T.H. Druitt, P. Nomikou, L. Léanni Evidence from cosmic-ray exposure (CRE) dating for the existence of a pre-Minoan caldera on Santorini, Greece. *Bulletin of Volcanology* (2016), 78-5.
4. Ansberque C., Bellier O., Godard V., Lasserre C., Wang M, **Braucher R.**, Talon B., De Sigoyer J., Xu X. and Bourlès D.L. (2016) The Longriqu fault zone, eastern Tibetan Plateau: Segmentation and Holocene behavior, *Tectonics* 35, 565–585, doi:10.1002/2015TC004070.

5. Rodrigues Salgado, Andre Augusto; Rezende, Eric de Andrade; Bourles, Didier; Régis **Braucher**, Juliana Rodrigues da Silva, Ricardo Alexandrino Garcia. Relief evolution of the Continental Rift of Southeast Brazil revealed by in situ-produced Be-10 concentrations in river-borne sediments. *Journal Of South American Earth Sciences* Volume: 67 Pages: 89-
6. Ruszkiczay-Rüdiger Z., Kern Z., Urdea P., **Braucher R.**, Madarasz B. Schimmelpfennig I., ASTER Team. Revised deglaciation history of the Pietrele e Stanisoara glacial complex, Retezat Mts, Southern Carpathians, Romania. *Quaternary International* 415; p 216-229
7. Yassaman Farbod, Esmaeil Shabani, Olivier Bellier, Mohammad Reza Abbassi, Régis **Braucher**; Lucilla Benedetti, Didier Bourlès and Khaled Hessami Spatial variations in late Quaternary slip rates along the Doruneh Fault System (Central Iran) *Tectonics* (2016) 10.1002/2015TC003862
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