

Ministère de L'Enseignement Supérieur
et de la Recherche Scientifique
Université de Saâd Dahlab –Blida 1, Blida,
Algeria.



Prof. SAID KENAI

- 1. Director of Laboratory of Geomaterials,
Department of Civil Engineering,
University of Blida, Algeria**
- 2. Member of the national advisory
committee for the Ministry of higher
education on scientific research (CSP)
from 2005 to 2010 and Vice president
of the ACI-Algeria chapter (2008-
2014).**

Nationality: Algerian

Date of Birth: 01/01/1959

Address: University of Blida, Blida, P.O Box 270, Blida, ALGERIA

Telephone (mobile): (213) 770904482; **Telephone (office)** (213) 25433633

Fax: (213) 25433633

Email: sdkenai@yahoo.com

Qualifications :

1982: B.Sc in civil engineering, Ecole Nationale Polytechnique of Algiers

1988: Ph.D. in civil engineering, University of Leeds, England (1988)

Experience:

Teaching and education of

1. Building materials for students in architectural department.
2. Concrete technology; durability, building failures and repair for civil engineering Master students.

International societies

- Vice president ACI Algerian chapter 2008-2012.
- Founding member and executive committee member of Materials Research Society (MRS Africa), 2003-2015.
- Member of technical committee on non destructive testing, RILEM, **2012-2016.**
- Member of Cost TU1404, **2016**
- Organizer of many international workshops in Algeria (concrete in hot climate in 1994, limestone cement in 1999, cementitious additions in 2006, advanced concrete technology in 2014).

Editorial boards:

- Journal of advances in concrete construction, Techno press; South Korea, 2012-.
- Scientific Advances Journal of civil and construction engineering, India, 2015-
- Nature and technology, University Hassiba Ben-Bouali, Chlef, Algeria, ISSN 1112-9778; 2012-
- Verres, Ceramiques, Composites : Research, development and valorisation ; University Ferhat Abbas, Sétif, Algeria, ISSN : 112-7686 ; 2010-.
- Journal of Applied Engineering Science and technology » (JAEST), Faculty of sciences and Technology, University of Biskra, Algeria, ISSN 2352-9873; 2014-

Previous positions, membership of national and international committees

1997- 2004 President scientific committee of the civil eng. department, University of Blida

1994- 2001 Member of the international Ferrocement Society, Bangkok, Thailand.

1997-2004 Member of the scientific council, National building research center, Algiers

1997–1999 Member of working group on crushed sand, Housing Ministry, Algeria.

2002 Member of the scientific committee, MRS Africa conference, Dakar, Dec. 2002

2003 Member of the scientific committee, international conference ICOMAT, Brazil, November 2003 and MRS Africa conference, South Africa, December 2003.

2004 Member of the scientific committee of the international conference on concrete technology and durability, USTHB, Algiers, Mai 2004 and of the international conference on rehabilitation of structures, ENTP, Algiers, Mai 2005.

2005 Member of the scientific committee, Int. conference ICOMAT, Brazil, Nov. 2005.

2007 Member of the scientific committee, Int. conference ICOMAT, Brazil, Dec. 2007

2008 Member of the scientific committee on non conventional materials, Colombia, 2008.

2009 Member of the international scientific committee, Non destructive testing NDT 09, Nantes, France, June 2009.

- **2009**, Member of the scientific committee, CAM 2009; Biskra, Algeria, November 2009.
- **2009-** Member of the committee to elaborate technical recommendations on concrete materials and placing; DTR 2.1; Ministry of housing and construction, Algiers.
- **2009-** Member of the committee to elaborate technical recommendations on seismic standards for bridges and tunnels, RPOA; Ministry of public works, Algiers.
- Member of the international advisory committee, NOCOMAT, **2010, Cairo, Egypt.**
- Member of the scientific committee MRS Africa conference on materials, **Zimbabwe, 2011.**
- Member of the scientific committee, CEUP conference, China, **2012.**
- Member of scientific committee, 14th International Conference on Non Conventional Construction Materials and Technologies “Construction Materials & Technologies for Sustainability” (14th NOCMAT 2013), Joao Pessoa, Paraiba, Brasil, **March 24th-27th 2013.**
- Member of scientific committee, SEMRO2012, International conference on maintenance and rehabilitation of civil engineering structures, Oran, Algeria, 10-11 **November 2012.**
- **2012-** Member of the committee to elaborate technical recommendations for fire resistance of structures, Ministry of housing and construction, Algiers.
- Co-chair of the international conference, INVACO 2014, 17-18 December **2014**, USTHB, Algiers.
- Member of the scientific committee; Second International conference on Sustainable Buildings Symposium (ISBS), Ankara, Turkey: **May 2015.**
- Chairman of the 13 th Arab structural engineering conference, University of Blida, **Algeria, December 2015.**

Awards and professional activities

- **1994-1995:** Visiting fellow in Homs University, Libya.
- **2002** Research Fellow at Princeton University, **USA, 2002- 2006.**
- **2009** Research partner for a collaboration project **Africa-Brazil** on non conventional materials for sustainable housing.
- **2010-2012** Coordinator of a research on an **Algerian-South African** collaboration project on earth construction.
- Coordinator on a research project on the Tasilli project of **Algerian-French** collaboration on Self Compacted Concrete with cement replacement materials and recycled aggregates, **2012-2016.**
- Research grants from the Ministry of higher education and scientific research in Algeria:
 - Self compacted concrete with recycled aggregates; 2013-2016.
 - Formulation and performance of self compacted concrete, **2010-2013.**
 - Performance of local cement replacement materials, **2006-2010.**
 - Durability of Repair materials; **2004-2007.**
 - **Reuse of crushed sand in concrete, 2002-2004**
 - Reuse of recycled aggregates from concrete and bricks, **PNR 2, 2000-2003.**
 - Analysis of physical and mechanical properties of sand dune **2000-2003.**
 - Failure cases and quality of construction in Algeria, **1997-200.**
 - Quality of concrete in Algeria, **1992-1996**
 - Local construction materials **1991-1993.**

Contribution to the review of publications in international journals:

Papers review:

1. American concrete institute Materials journal, ACI.
2. Construction and building materials (Elsevier);
3. Cement and concrete composites (Elsevier);
4. Cultural heritage (Elsevier);
5. American society of civil engineering (ASCE) journal of materials in civil engineering
6. Institution of civil engineering (ICE) construction materials, (Springer).
7. Journal of Hazardous materials (Elsevier);
8. Automation in construction (Elsevier);
9. Engineering geology, (ELSEVIER).
10. Environmental earth sciences, (SPRINGER).
11. Journal of civil engineering and management (Lithuania); (Taylor and Francis).
12. Journal of materials sciences and applications (MSA), Scientific Research publications.
13. International journal of engineering mechanics, (Techno-Press)
14. International Research Journal of Engineering Science, Technology and Innovation.
15. Indian journal of materials science;
16. Journal of Civil Engineering and Construction Technology;

17. Iranian journal of science and technology;
18. Journal of Research in Environmental Science and Toxicology
19. Journal of science and technology, University of Constantine, Algeria;
20. International journal of physical sciences.
21. Revue science et technologie “synthese”, U. Annaba, Algeria.
22. Journal of Zhejiang University of science, JZUS-A (Applied Physics & Engineering).
23. Scientia Iranica
24. Mathematical problems in engineering
25. African journal of engineering research
26. J. sustainable cement based materials
27. Advances in Civil Engineering
28. Int. Journal of concrete structures and materials (springer) (<http://ijcs.edmgr.com/>)
29. Advances in Materials Science and engineering.

Research proposals and books evaluations:

- Evaluation of research projects proposals and final reports at the University of Dahrhan, KFUPM, Saudi Arabia.
- National Research projects (PNR) in Algeria in 2003 and 2010.
- Ministry of higher education and research, University Research projects, since 2005.
- Review of proposals for four books for ELSEVIER in 2011 and 2013.

Thesis supervision

Thirty (30) Master and eleven (11) PhD thesis already finalized.

Thesis during the last four years

Doctorat thesis

1. Meziane El-Hadj, « Performance et durabilité du béton à base de sable de concassage », Université de Blida, **2016**.
2. Boucherit Dalila, “ Prévion du retrait du béton », University of Blida, **2014**
3. Hariche Lazehar “Behavior of beams and columns under simultaneous accelerated corrosion and sustained load”, University of Blida, **2014**.
4. Belaidi Akram Salah-Eddine “ Performance of SCC with ternary cement addition”, University of Blida, **September 2012**.
5. Boukhatem Bakhta “Prediction of concrete properties made of cement replacement materials using neural networks”, University of **Blida, 2011**.
6. Abdessemed Mouould “Performance of beams and bridges reinforced with FRC”, **ENP, Algiers, 2011**.
7. Hadj-Sadok Ahmed “Durability of concrete made using Algerian slag”, University of **Blida, 2011**.
8. Said mansour Mohamed “Influence du métakaolin sur le comportement rhéologique et mécanique des BHP », Université de **Blida, 2010**.
9. Boukendakdji Othmane “Formulation and rheological properties of self compacted concrete using slag cement”, University of **Blida, 2009**.
10. Menadi Belkacem, Performance of concrete made using crushed sand, Université de **Blida, 2008**.

11. Debieb Farid, Properties of concrete made using recycled aggregates, **USTHB**, Algiers, **2007**.
12. Ghrici Mohamed, Durability of concrete using natural pozzolana, **USTO**, **Oran**, **2006**.

Master thesis (last five years)

1. Benrokia Missoum. Corrélations entre essais non destructifs et essais destructifs de la résistance à la compression du béton : Essais sur site », Université de Médéa, septembre **2011**.
2. Boukhelkhal Djamila. Corrélations entre essais non destructifs et essais destructifs de la résistance à la compression du béton : Essais au laboratoire», Université de Médéa, septembre **2011**.
3. Dziri Djelloul, Durabilité du béton hydraulique à base de sable de concassage, Université de Blida, **2010**.
4. Saadi Abdelghafour ; Formulation d'un béton compacté au rouleau pour routes à base de matériaux locaux, Université de Blida, **2010**.
5. Tayeb Gasti, performance du béton compacté au rouleau à base de granulats recyclés, Magister, Université de Médéa, **2009**.
6. Skender Zakaria, Durabilité du béton avec du béton de sable de concassage, Magister, ENSP, Alger, **2009**.
7. Benyamina Smain, Modélisation d'un pont renforcé par des matériaux composites, Magister, Université de Blida, **2008**.
8. Rouis Fahima, Elaboration d'un béton autoplaçant à base de matériaux locaux, Magister, Université de Médéa, **2008**.
9. Saidi Mohamed Mouloud, Elaboration d'un sable normal pour le ciment, Magister, Université de Médéa, **2007**.
10. Saadi Samra, Effet de l'environnement de cure sur la durabilité du béton à base de ciment ternaire, Magister, Université de Blida, **2007**.
11. Heddouche Fatiha, Modélisation numérique de poutre renforcées par du TFC », Magister, Université de Blida, **2006**.
12. Bensaid Mohamed, Effet des fines calcaires sur la durabilité et la rupture du béton, Magister, Université de Blida, **2006**

International visits

Participation in many international conferences in USA, Japan, South Korea, France, England, Ireland, Scotland, Italy, Germany, Switzerland, China, Saudi Arabia, United Arab Emirates, Kuwait, Senegal South Africa, Nigeria, Morocco, Tunisia and Brazil.

Participation in projects and collaboration

- University of Cergy-Pontoise, Paris, France where joint supervisions of Doctorate students are underway in collaboration with Dr Kadri mainly on self compacted concrete.
- University of Lille in France with Professor Boyle Bodin on shrinkage in concrete.
- University of Liege in Belgium with Professor Luc Courrard on slag cement concrete and the use of construction waste materials.
- University of Witwatersrand, Johannesburg, South Africa with Pr Yunus Ballim on corrosion of reinforced concrete.

- University of Witwatersrand, Johannesburg, South Africa with Pr Mitchell Gohnert on earth construction.
- University of Wolverhampton England, with Professor J. Khatib on slag and cement replacement materials.

Field and industrial activities

- 1997-up to now: Consultant for engineering consultancy group SCTE in charge of quality control on construction sites, diagnostic and investigation of building failure and field supervision of some constructions projects and repair of 2003 earthquake damaged structures in Algeria. Some of the projects supervised are Housing and education buildings and terminal containers. Some of structures investigated and repaired are the French and Swedish Embassies, Algiers monument (land mark), Arts museum, and drinking water structures in Algiers.
- 2001-2005 Consultant engineer for Brown & Root-CONDOR (Americano-Algerian group) in Algeria for Algiers new airport terminal project and the construction of the National seismic testing laboratory.
- 2005-2007 Consultant for IGIP (German group) for concrete quality for the construction of a sewage water treatment station plant at Médéa in Algeria.
- 2007-2012 Consultant with SCTE Algiers on quality of concrete and building repair.

Most important recent publications in international journals

- 1) Khoudja Ali-Benyahia, Zoubir-MehdiSbartai, Denys Breysse, **Said Kenai**, Mohamed Ghrici (2017). studies Analysis of the single and combined non-destructive test approaches for on-site concrete strength assessment: General statements based on a real case-study, *Case Studies in Construction Materials*, 6, pp. 109–119.
- 2) Omrane, M., **Kenai, S.**, Kadri, E.H, Aït-Mokhtar, A.(2017). Performance and durability of self-compacting concrete using recycled concrete aggregates and natural pozzolan, *Journal of Cleaner production*, 165, pp. 415-430.
- 3) Walid Yahiaoui, **Said Kenai**, Belkacem Menadi and El-Hadj Kadri (2017). Durability of self compacted concrete containing slag in hot climate, *Advances in Concrete Construction*, Vol. 5, No. 3 (2017) 271-288 DOI:<https://doi.org/10.12989/acc.2017.5.3.271> .
- 4) Ali-Benyahia Khoudja, Ghrici Mohamed, **Kenai Said**, Breysse Denys, Sbartai zoubair-Mehdi “Analysis of the relationship between nondestructive and destructive testing of low concrete strength in new structures”, *Asian Journal of Civil Engineering (BHRC)*, Vol. 18(2), (2017) pp. 191-205.
- 5) Abdelkader Zerrouk, Belkacem Lamri, C. Vipulanandan, and **Said Kenai** Performance Evaluation of Human Hair Fiber Reinforcement on Lime or Cement Stabilized Clayey-Sand, *Key Engineering Materials Vol. 668 (2016) pp 207-217*; www.ttp.net. (ID: 41.103.143.25-03/08/15,10.
- 6) M. Abdesssemed, **S. Kenai**, A. Bali Experimental and numerical analysis of the behavior of an airport pavement reinforced by geogrids, *Construction and Building Materials* 94 (2015) 547–554, <http://dx.doi.org/10.1016/j.conbuildmat.2015.07.037>., www.elsevier.com/locate/conbuildmat

- 7) Akram Salah Eddine Belaidi, **Said Kenai**, El-Hadj Kadri, Hamza Soualhi & Benabed Benchaâ Effects of experimental ternary cements on fresh and hardened properties of self-compacting concretes *Journal of Adhesion Science and Technology*, **2015**, 30:3,247-261, DOI: 10.1080/01694243.2015.1099864, <http://www.tandfonline.com/loi/tast20>.
- 8) El-Hadj Meziane, Karim Ezziane, **Said Kenai** & Abdelkader Kadri, “Mechanical, hydration, and durability modifications provided to mortar made with crushed sand and blended cements”, *Journal of Adhesion Science and Technology*, **2015**, 29:18, 1987-2005, <http://dx.doi.org/10.1080/01694243.2015.1048931>, <http://www.tandfonline.com/loi/tast20>.
- 9) **S. Kenai**, B. Menadi, J.M Khatib, *Sustainable construction and low carbon dioxide concrete: Algeria case*, Proceedings of ICE Journal - Engineering Sustainability, Vol 167, Issue ES2, April **2014**, pp. 45-52. <http://www.editorialmanager.com/es/>.
- 10) Chaid, R; **Kenai, S.**; Zerboub, H.; Jauberthine, R. *Microstructure and permeability of concrete with glass powder addition conserved in sulpheric environment*; *European Journal of environment and civil engineering*, **2014**; DOI: 10.1080/19648189.204.939310.
- 11) Benabed; B.; Azouz, L.; Kadri, E.; **Kenai, S.**; Belaidi, ASE.; *Effect of fine aggregate replacement with desert dune sand on fresh properties and strength of self compacted mortars*, *Journal of adhesion science and technology*, 28(21), **2014**, pp. 2182-2195.
- 12) **Kenai, S**; Benhammouda, H.; Latrous, M.; Ali-Benyahai, K; Ghrici M.; *Estimation de la résistance la compression du béton par des essais non destructifs: cas d'un ouvrage en R+2* ; *Annales du bâtiment et des travaux publics* ; N°1-3, **2014**.
- 13) **Kenai, S.**; Menadi, B ; Debbih, A. ; Kadri, E. « *Effect of recycled concrete aggregates and natural pozzolan on rheology of self compacted concrete*”, *Key engineering of materials*, vol; 60 (**2014**), pp. 256-263.
- 14) Menadi, B.; **Kenai, S.**; Hammat, S., A. ; Khatib, j.. « *The influence of the fineness of mineral additions on strength and drying shrinkage of elf compacting mortar*”, *Key engineering of materials*, vol; 60 (**2014**), pp. 367-374.
- 15) Bahar, R.; Benazzoug, M.; **Kenai, S.** “Durability of earth stabilised material”, *Key engineering of materials*, vol; 60 (**2014**), pp. 495-503.
- 16) B. Menadi, **S. Kenai** and J.M Khatib, *Fracture behavior of concrete containing limestone fines*, Proceedings of the Institution of Civil Engineers Journal (ICE) – Construction Materials, vol. 167; Issue CM3, June **2014**, pp. 162-170. <http://www.editorialmanager.com/coma/>.
- 17) Boucherit, D., **Kenai, S**; Kadri, E. and Khatib, E. *Simplified model for the prediction of long term concrete drying shrinkage*, *Korean SCE Journal of Civil Engineering*, , **2014**, DOI 10.1007/s12205-014-0168-0.
- 18) A. Alrifai, S., Aggoune, A. Kadri, **S.Kenai**; E. Kadri “*Paste and mortar studies on the influence of mix design parameters of autogeneous shrinkage of self compacting concrete*“, *Construction and building materials*, **2013**, vol. 47, 967-973. www.elsevier.com/locate/conbuildmat
- 19) J. M. Khatib, B.A. Herki; **S; Kenai** “Capillarity of concrete incorporating waste foundary sand”, *Construction and building materials*, 47(**2013**), 867-871. www.elsevier.com/locate/conbuildmat
- 20) Kadri, E, Aggoune, S. and **S. Kenai**, "*The Compressive Strength of High-Performance Concrete and Ultrahigh-Performance*," *Advances in Materials Science and Engineering*, vol. 2012, Article ID 361857, 7 pages, **2012**. doi:10.1155/2012/361857.

- 21) Boukhatem, B; **Kenai, S.**, Hamou, A.T; Ziou, Dj, Ghrici, M. “*Predicting concrete properties using neural network (NN) with principal component analysis (PCA) technique*”, Computer and Concrete; vol 10, N° 6, December **2012**, pp.557-574.
- 22) Benchaa Benabed, El-Hadj Kadri, Lakhdar Azzouz, **Said Kenai.**; “*Properties of self-compacting mortar made with various types of sand*; Cement and concrete composites, *In Press, Accepted Manuscript*, vol 34, 2012, pp.1167-1173.
- 23) L. Hariche, Y. Ballim, M. Bouhicha, **S. Kenai**, “*Effects Of Reinforcement Configuration And Sustained Load On The Behavior Of Reinforced Concrete Beams Affected By Reinforcing Steel Corrosion*”, Cement and concrete composites, [Volume 34, Issue 10](#), November 2012, Pages 1202-1209.
- 24) A.HadjSadok, **S. Kenai**, L. Courard, F. Michel, J. Khatib “*Durability of mortar and concretes containining slag with low hydraulicity activity*”, cement and concrete composites, 34 (**2012**), 671-677.
- 25) ASE Belaidi, L. Azzouz, E. Kadri, **S. Kenai** « *Effect of natural pozzolana and marble powder on the properties of self compacted concrete* », Construction and building materials, 31 (**2012**), 251-257.
- 26) Boukendakdji, O., Kadri, E.H.; **Kenai, S.** “ *Effect of granulated blast furnace slag and superplasticizer type on the fresh properties and compressive strength of self compacting concrete*”, cement and concrete composites, **2012**, 34, 583-590.
- 27) Jamal M. Khatib; B.A. Herki; Seyhan Firat ; B. Menadi ; **S. Kenai**; “*Capillarity of concrete incorporating foundry sand as replacement of sand*”, **ENGINEERING SCIENCES**, e-Journal of New World Sciences Academy, **2011**, Volume: 6, Number: 4, Article Number: 1A0230; ISSN : 1308-7231.
- 28) Harichane, K., Ghrici, M., **Kenai, S.** « *Use of natural pozzolana and lime for stabilisation of cohesive soils* », Geotechnical and geological engineering, **2011**, pp.1-11. DOI 10.1007/s10706-011-9415-z.
- 29) Harichane, K., Ghrici, M. **Kenai, S.**”*Effect of curing time on shear strength of cohesive soils stabilized with combination of lime and natural pozzolana*”, International journal of civil engineering, 9(2), **2011**, pp.90-96.
- 30) Bakhta Boukhatem, **Said Kenai**, Arezki Tagnit-Hamou, Mohamed Ghrici “*Application of new information technology on concrete: an overview* », Journal Of Civil Engineering & Management, **2011**, Volume 17(2): 248–258.
- 31) Boukhatem, B., Ghrici, M., **Kenai, S.** and Tagnit-Hamou, A. “ *Prediction of efficiency factor og GGBFS of concrete using artificial neural network*”, ACI materials Journal, 108(1), **2011**, 55-63.
- 32) El-Hadj Kadri, **Said Kenai**, Karim Ezziane, Rafat Siddique, Geert De Schutter “*Influence of metakaolin and silica fume on the heat of hydration and compressive strength development of mortar*”, Journal of Applied clay science, vol.53, **2011**, pp.704-708.
- 33) Hadj-Sadok, **Kenai, S.**, Courard, L., Darimont, A. «*Microstructure and durability of mortars modified with medium active blast furnace slag* », Construction and building materials, 25 (2), **2011**, 1018-1025.
- 34) Said-Mansour, M; Kadri, EH; **Kenai, S.**, et al. “*Influence of calcined kaolin on mortar properties*”, Construction and building materials, Volume: 25 Issue: 5, **2011**, Pages: 2275-2282.
- 35) Abdessemed, M; **Kenai, S.**, Bali, A., Kibboua, A. « *Dynamic analysis of a bridge repaired by CFRP: Experimental and numerical modeling* », Construction and building materials, 25(3), **2011**, pp.1270-1276.

- 36) **Kenai, S.** et Debieb, F; *Characteristics of the durability of recycled concretes using coarse and fine crushed bricks and concrete aggregates*, Materials and structures, **2010**, 44(4), pp.815-824.
- 37) Farid Debieb, Luc Courard, **Said Kenai**, Robert Degeimbre “*Mechanical and durability properties of concrete using contaminated recycled aggregates*“, *Cement and Concrete Composites*, vol. 32, **2010**, pp.421-426.
- 38) Farid Debieb, Luc Courard, **Said Kenai**, Robert Degeimbre. “*Roller compacted concrete with contaminated recycled aggregates* », Construction and Building Materials, Volume 23, Issue 11, November **2009**, Pages 3382-338.
- 39) Boukendakdji, O, **Kenai S**, Kadri, H and Rouis, F. "Effect of slag on the self compacted concrete", Construction and Building materials, **2009**, vol.23, pp.2593-2598.
- 40) Kadri, H, Duval, R; Aggoune, S and **Kenai, S** "Silica fume effect on the heat of hydration and compressive strength of high performance of concrete"; ACI materials journal, March-April **2009**, pp. 107-113.
- 41) Menadi, B. **Kenai, S.** and Khatib, J. “*Strength and durability of concrete incorporating crushed limestone sand*”, Construction & Building material, vol. 23, **2009**, pp. 625-633.
- 42) Attar, A., Boudjakdji, M.A., Bhuiyan, N., Grine, K., **Kenai, S.**, Aoubed, A. *Integrating numerical tools in underground construction process*; Engineering, Construction and Architectural Management, **2009**.
- 43) Debieb, F. and **Kenai, S.** “*The use of coarse and fine crushed bricks as aggregate in concrete*”, Construction and Building materials, Elsevier, vol. 22, **2008**, pp.886-893.
- 44) Ghrici, M; Said Mansour, M and **Kenai, S** “*Mechanical properties and durability of mortar and concrete containing natural pozzolana and limestone blended cements*”, Cement and concrete composites, vol. 29, **2007**, pp. 542-549.
- 45) Ghrici, M; **Kenai, S**, Said Mansour, M and Kadri, EH "Some engineering properties of concrete containing natural pozzolana and silica fume", Journal of Asian Architecture and building engineering, November **2006**, pp. 349-354.
- 46) **Kenai, S**; Bahar, R and Benazzoug, M. " *Experimental analysis of the effect of some compaction methods on mechanical properties and durability of stabilized soil*", Journal of Materials science and engineering A, vol. 24, N° 21, **2006**, pp. 6956-6964.
- 47) Ghrici, M; **Kenai, S**, and Meziane, E "Mechanical and durability properties of cement mortar with Algerian natural pozzolana", Journal of Materials science and engineering A, vol. 24, N° 21, **2006**, pp. 6965-6972.
- 48) Bouhicha, M., Aouissi, F. and **Kenai, S.** « *Performance of composite soil reinforced with barley straw* », Cement and concrete composites, vol. 27, N° 5, **2005**, pp. 617-621.
- 49) **Kenai, S.**; Soboyejo, W and Soboyejo, A ‘*Some engineering properties of limestone cement mortar and concrete*’, Materials & Manufacturing processes 19(5), 949-961, **2004**.
- 50) Bahar, R; Benazzoug and **Kenai S**; ‘*Performance of compacted cement stabilized soil*’, Journal of cement and concrete composites, vol. 26, **2004**, pp. 811-820.
- 51) **Kenai, S** and Bahar, R “*Evaluation and repair of Algiers new airport building*” Journal of cement composites and concrete, vol. 25, pp. 633-641, **2003**.
- 52) Bahar, R. and **Kenai, S.** “*Désordres dus à l’infiltration des eaux : cas de la ville d’El-Affroun- Damges due to water infiltration, case of El-Affroun town*”, Numéro spécial, Revue française de Géotechnique, N° 101, pp.91-103, **2002**.
- 53) Hannachi, N.E; **KENAI, S** and Lechani, M. « *Etude statistique des sinistres dans l’Est de l’Algérois* », Annales de L’institut technique du bâtiment et des travaux publics, Paris, **France**, No. 534, Juillet **1995**, pp. 98-119.

- 54) J.J.BROOKS and **S. KENAI** "*Impact properties of polymer grid reinforced mortar*", The international journal of cement composites and light-weight concrete, vol. 11, N.3, August **1989**, pp 1-17.

Other international conference papers

- 1) KENAI Said, YAHIAOUI Walid, MENADI Belkacem "Effect of granulated blast furnace slag on the durability of self compacting concrete in hot environment", International RILEM Conference on Materials, Systems and Structures in Civil Engineering Conference segment on service life of cement based materials and structures, 22-24 August 2016, Technical University of Denmark, Lyngby, Denmark.
- 2) Kenai, S. « *Performance of ordinary and self compacting concrete using recycled aggregates* », Construction and steel structures, Dubai, November 16-18 November 2015.
- 3) Si-Ahmed, M and **Kenai, S.** "influence of metakaolin on the performance of concretes", Proceedings of the first international symposium, knowledge exchange for young scientists (KEYS), Dar-Essalam, **Tanzania**, 9-11 June **2015**, Editors: Misinjili, N.S and Schmidt, W., BAM Federal Institute for Materials Research and Testing, www.bam.de, ISBN 978-3-9817149-3-7.
- 4) O. Kouider Djelloul, B. Menadi, **S. Kenai**, *properties of fresh self-compacting concrete containing slag*, Proceedings of the 1 st Knowledge Exchange for Young Scientists (Keys), Sub-saharan African Standards for Cement and Concrete Research, 9th -11 th June 2015, Dar es Salaam Tanzania.
- 5) O. Kouider Djelloul, B. Menadi, **S. Kenai** *Ouvrabilité et Performance Mécanique du béton autoplacant contenant du laitier*/13 th Arab Structural Engineering Conférence, 13-15 December 2015, Algeria.
- 6) S. Hammat, B. Menadi, **S. Kenai** , A.Debbih, *Influence de la teneur et la finesse des additions minérales sur l'ouvrabilité et la résistance en compression des mortiers autoplacants*, 13 th Arab Structural Engineering Conférence, 13-15 December 2015, Algeria.
- 7) A.Debbih, **S. Kenai**, B. Menadi, S. Hammat, *L'effet de Granulats Recyclés sur l'ouvrabilité d'un béton autoplacant*, 13 th Arab Structural Engineering Conférence, 13-15 December 2015, Algeria.
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