**CIRCULLIUM**

**Dr**. Mustafa KAHYAOĞLU

1. **Name Surname :** Mustafa Salih EYGİ
2. **Date of Birth :** 10.05.1976
3. **Title :** Dr.
4. **Education Background :** PhD

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| --- | --- | --- | --- |
| **Degree** | **Department / Program** | **University / Faculty-Institute** | **Year** |
| **B.Eng** | Mining Engineering | Dokuz Eylül University  Engineering Faculty | 2000 |
| **MSc** | Mining Engineering  Mineral-Coal Preparation and Evaluation | Istanbul Technical University  Institute of Science and Technology | 2005 |
| **PhD** | Mining Engineering (Mineral Processing Engineering)  Mineral Processing Engineering | Istanbul Technical University  Institute of Science and Technology | 2009 |

1. **Academic Units**

Receiving Date of Dr. Title : 21/02/2018 (Due to Law Reorganized by Government)

Receiving Date of Assistant Professor's Title : 23.06.2014

Receiving Date of Associate Professor Title : -

Receiving Date of Professor Title : -

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| --- | --- | --- |
| **Title** | **Location** | **Year** |
| **Asst. Prof. Dr.** | Siirt University Faculty of Engineering and Architecture   Mechanical Engineering Department | 06/2014-08/2015 |
| **Asst. Prof. Dr.** | Siirt University School of Health   Occupational Health and Safety Department | 08/2015-02/2018 |
| **Dr.** | Siirt University School of Health   Occupational Health and Safety Department | 02/2018-Now |

1. **Managed Masters and Doctoral Dissertations**

**6.1**. Master Thesis : -

**6.2.** Doctoral Thesis: -

1. **Publications**

**7.1. Articles published in internationally acclaimed journals (SCI, SSCI, Arts and Humanities)**

* + 1. **Eygi, M.S.**, Ateşok, G. (2008) "An investigation on utilization of poly-electrolytes as dispersant for kaolin slurry and its slip casting properties" Ceramics International, 34 (8), pp. 1903-1908
  1. **Articles published in other internationally acclaimed journals**
     1. **Eygi, M.S.**, Ateşok, G. (2010) "Anyonik Polielektrolitlerin Kaolen Üzerindeki Adsorplanma Mekanizması", İtüdergisi/d Mühendislik Serisi İstanbul Teknik Üniversitesi Yayınları, 9(3): 75-86
     2. **Eygi, M.S.**, Ateşok, G. (2006) "Seramik endüstrisinde kullanılan kaolenlerin döküm özelliklerinin geliştirilmesi", Yerbilimleri/Hacettepe Üniversitesi Yerbilimleri Uygulama ve Araştırma Merkezi Bülteni, 2006, 27(2):87-96
  2. **Announcements published in international scientific conferences**
     1. Karataş, D., Karaağaçlıoğlu, İ. E., **Eygi, M. S**., Çelik, M. S., (2017) “Flotation Chemistry of A Rare Earth Mineral: Bastnasite” Proceedings of the 17th Balkan Mineral Processing Congress, 01-03 November 2017, Antalya, Turkey, pp. 435-444, ISBN: 978-975-7946-42-7
     2. Nalbant, E.C., Dinçer Ateşok H., **Eygi, M.S.**, Ateşok, G., (2013) “Electrokinetic and Rheological Studies on Ceramic Kaolins Dispersed With Different Electrolytes” Proceedings of the 15th Balkan Mineral Processing Congress, 12-16 June 2013, Sozopol, Bulgaria, Volume I, pp. 502-505
     3. Nalbant, E.C., Ateşok, G., **Eygi, M.S.**, (2012) “A Study of Effects of Different Dispersants on Rheology and Ageing Characteristics of Ceramic Clay Suspensions” Proceedings of the 13th International Mineral Processing Symposium, 10-12 October 2012, Bodrum-Turkey, pp. 633-639
     4. **Eygi, M.S.**, Ateşok, G. (2010) "Adsorption Mechanism of Anionic Polylectrolytes on Kaolin", Proceedings on CD-ROM of 2nd International Symposium on the Processing of Industrial Minerals (PIM'10), 4-5 February 2010, Istanbul, Turkey
     5. Ormanlı, K.G., **Eygi, M.S.**, Dinçer, H., Ateşok, G. (2009) "The Investigation on the Casting Properties of Balıkesir-Düvertepe Hard Kaolin for the Ceramic Industry Uses" Proceedings of the 13th Balkan Mineral Processing Congress, 14-17 June 2009, Bucharest, Romania, pp. 310-314
     6. **Eygi, M.S.**, Ateşok, G., (2008) "Effect of Dispersant Type on Slip Casting Properties of Ceramic Clays", Proceedings of the 11th International Mineral Processing Symposium, 21-23 October 2008, Belek, Antalya-Turkey, pp. 755-761
     7. **Eygi, M.S.**, Ateşok, G., (2008) "An Investigatıon on Polyelectrolyte Adsorption on Kaolin Correlated with Electrokinetic and Rheology Studies", Proceedings of the 24th International Mineral Processing Congress, 24-28 September 2008, Beijing-China, Volume 2, pp.2215-2220
     8. **Eygi, M.S.**, Ateşok, G. (2007) "Effect of electrolyte type on the rheological behavior of kaolins for production of sanitaryware", Proceedings of the 12th Balkan Mineral Processing Congress 2007, 10-14 June 2007, Delphi, Greece, pp. 737-742
     9. **Eygi, M.S.**, Ateşok, G. (2007) "Seramik Sağlık Gereci Döküm Çamurlarında Kullanılan Farklı Elektrolitlerin Kaolen Döküm Konsantrasyonu Üzerindeki Etkisi" 6. Uluslararası Endüstriyel Hammaddeler Sempozyumu, 01-03 Şubat 2007, İzmir-Türkiye, s: 224-231
     10. **Eygi, M.S.**, Ateşok, G. (2006) "The Effect of Sodium Silicate and Sodium Polyacrylic Acid on the Slip Casting Characteristic of Kaolins Used in Sanitaryware" Proceedings of the 23th International Mineral Processing Congress, 3-8 September 2006, İstanbul, Turkey, Volume 2, pp.969-974
  3. **Written international books or sections in books**

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* 1. **Articles published in nationally-referred journals**

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* 1. **Declaration presented at national scientific meetings and published in proceedings book**

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* 1. **Others**
     1. **Editorship**

**7.7.1.1.** KİBİTED – Journal of Clay Science and Technology, As a Technical Editor, Edited by: Prof. Dr. M.S.ÇELİK - İTÜ Mineral Processing Department

* + 1. **Reviewering**
       1. Dergi - SCI-Expanded, Applied Clay Sciences, Hakemlik Sayısı:10

**7.7.2.1.1.** Applied Clay Sciences

Ref: CLAY5113-Title: Influence of composite dispersants on the viscosity of kaolinite dispersion

Authors: Yun Lei, Ph.D.; Fei F Chen; Rong Li - Corresponding author: Dr. Yun Lei - Type: Note

**7.7.2.1.2.** Applied Clay Sciences

Ref: CLAY6611-Title: Kaolin Biological Beneficiation: A Review on Iron Removal

Authors: Mohammad Raouf Hosseini - Corresponding author: Mohammad Raouf Hosseini - Type: Review

**7.7.2.1.3.** Applied Clay Sciences

Ref: CLAY7573-Title: Swelling and Geo-environmental Properties of Bentonite Treated with Recycled gypsum

Authors: Aly Ahmed, Ph D ; M. Hesham El Naggar - Corresponding author: Aly Ahmed - Type: Article

**7.7.2.1.4.** Applied Clay Sciences

Ref: CLAY7573R1-Title: Swelling and Geo-environmental Properties of Bentonite Treated with Recycled gypsum

Authors: Aly Ahmed, Ph D ; M. Hesham El Naggar - Corresponding author: Aly Ahmed - Type: Article

**7.7.2.1.5.** Applied Clay Sciences

Ref: CLAY8132-Title: Research on mineralogy and flotation for coal-series kaolin

Authors: Yuanyuan Liu, Shaomin Lei, Teng Huang, Mengjiao Ji, Yang Li, Yanming Fan- Corresponding author: Yuanyuan Liu, Ph.D. candidate- Type: Article

**7.7.2.1.6.** Applied Clay Sciences (Reviewering)

Ref: CLAY9505-Title: Crystalline swelling process of metal exchanged montmorillonite: effect of external environmental solicitation

Authors: Marwa Ammar, Walid Oueslati, Nejmeddine Chorfi, Abdesslem Ben Haj Amara- Corresponding author: Walid Oueslati - Type: Article

**7.7.2.1.7.** Applied Clay Sciences

Ref: CLAY9505R1- Title: Crystalline swelling process of metal exchanged montmorillonite: effect of external environmental solicitation

Authors: Marwa Ammar, Walid Oueslati, Nejmeddine Chorfi, Abdesslem Ben Haj Amara- Corresponding author: Walid Oueslati - Type: Article

**7.7.2.1.8.** Applied Clay Sciences

Ref: CLAY10391-Title: Effects of calcium concentration and differential settlement on permeability characteristics of bentonite-sand mixtures.

Authors: Zhe Wang- Corresponding author: Zhe Wang- Type: Article

**7.7.2.1.9.** Applied Clay Sciences

Ref: CLAY10391R-Title: Effects of calcium concentration and differential settlement on permeability characteristics of bentonite-sand mixtures.

Authors: Zhe Wang- Corresponding author: Zhe Wang- Type: Article

**7.7.2.1.10.** Applied Clay Sciences

Ref: CLAY10415-Title: Behavior of talc and mica in copper flotation

Authors: SAEED FARROKHPAY, PhD- Corresponding author: SAEED FARROKHPAY, PhD- Type: SI: 16th ICC (Granada, Spain)

* 1. **Citations**
     1. **Eygi, M.S.**, Ateşok, G. (2008) “[An investigation on utilization of poly-electrolytes as dispersant for kaolin slurry and its slip casting properties](http://www.researchgate.net/publication/240428916_An_investigation_on_utilization_of_poly-electrolytes_as_dispersant_for_kaolin_slurry_and_its_slip_casting_properties)” *Ceramics International*, 34 (8), pp. 1903-1908

**-**<http://dx.doi.org/10.1016/j.ceramint.2007.07.012>

***Citations:******20 times*** *(Scopus + Google Scholar)*

*Cited by:*

1. *Shaikh, S.M.R., Nasser, M.S., Hussein, I., (...), Onaizi, S.A., Qiblawey, H., 2017, Influence of polyelectrolytes and other polymer complexes on the flocculation and rheological behaviors of clay minerals: A comprehensive review,* Separation and Purification Technology, *187, pp. 137-161*

*-* [*https://doi.org/10.1016/j.seppur.2017.06.050*](https://doi.org/10.1016/j.seppur.2017.06.050)

1. *Wannagon, A., Sornlar, W., Choeycharoen, P., 2017, Properties and colloidal behavior of casting slip containing Ratchaburi red clay,* Chiang Mai Journal of Science, *44 (2), pp. 660-666*

*- http://www.thaiscience.info/journals/Article/CMJS/10985645.pdf*

1. *Konduri, M.K.R., Fatehi, P., 2017, Dispersion of kaolin particles with carboxymethylated xylan,* Applied Clay Science*, 137, pp. 183-191*

*-*[*http://dx.doi.org/10.1016/j.clay.2016.12.027*](http://dx.doi.org/10.1016/j.clay.2016.12.027)

1. *Liu, K., Sun, H., Shi, Y., (...), Huang, S., Wang, M., 2016, Research on selective laser sintering of Kaolin-epoxy resin ceramic powders combined with cold isostatic pressing and sintering,* Ceramics International*, 42 (9), pp. 10711-10718*

*-*[*http://dx.doi.org/10.1016/j.ceramint.2016.03.190*](http://dx.doi.org/10.1016/j.ceramint.2016.03.190)

1. *Rubio-Hernández, F.-J., Páez-Flor, N.-M., Gómez-Merino, A.-I., (...), Delgado-García, R., Goyos-Pérez, L., 2016, The influence of high-concentration Na hexametaphosphate dispersant on the rheological behavior of aqueous kaolin dispersions,* Clays and Clay Minerals*, 64 (3), pp. 210-219*

*-*[*https://doi.org/10.1346/CCMN.2016.0640301*](https://doi.org/10.1346/CCMN.2016.0640301)

1. *Suzdal’tsev, E.I., Zaichuk, T.V., Ustinova, Y.S., Vandrai, S.N., 2016, Study of HCBS Preparation Based on Magnesium Aluminosilicate Composition Glass,* Refractories and Industrial Ceramics*, 56 (5), pp. 533-537*

*-http://dx.doi.org/*[*10.1007/s11148-016-9882-0*](http://dx.doi.org/10.1007%2Fs11148-016-9882-0)

1. *Novotný, Radoslav Tepelně izolační lité žárovzdorné materiály: dizertačni práce. Brno: Vysoké učení technické v Brně, Fakulta elektrotechniky a komunikačních technologií, Ústav chemie materiálů, 2016. 177 s. Vedoucí práce byl prof. Ing. Jaromír Havlica, DrSc.*
2. *Lei, Y., He, Y., Jun, X., Chen, F., 2015, Influence of composite dispersants on kaolinite dispersion viscosity,* CFI Ceramic Forum International, 92 (5-6), pp. E47-E52
3. *Begam, H., Sinha, S., Nandi, S.K., Chanda, A., 2014, Effect of Temperature on the Rheological Behaviour, Slip Casting Rate and Densification of Calcium Hydroxyapatite Slurry,* Transactions of the Indian Ceramic Society*, 73 (4), pp. 312-317*

*-* *http://dx.doi.org/10.1080/0371750X.2014.959136*

1. *Sokolář, R., 2015, Dispersants for Dual Binding System Kaolin-Calcium Aluminate Cement.* Advanced Materials Research*, 1124.*
2. *Li, Y., Zhang, Y., Zheng, J., (...), Li, Z., Lu, M., 2014, Dispersion and rheological properties of concentrated kaolin suspensions with polycarboxylate copolymers bearing comb-like side chains,* Journal of the European Ceramic Society*, 34 (1), pp. 137-146*

*-*[*http://dx.doi.org/10.1016/j.jeurceramsoc.2013.07.009*](http://dx.doi.org/10.1016/j.jeurceramsoc.2013.07.009)

1. *Genel, Y., Ceylan, H., Saltabaş, Ö., 2013, Heavy metal removal from aqueous solution by activated kaolin,* Fresenius Environmental Bulletin*, 22 (10), pp. 2888-2895*
2. *Nagy, Kincső Galatea, and László A. Gömze. "Investigation of Porcelain Slip Casting"* Xth International Conference Preparation of Ceramic Materials*, Herľany, Slovakia 18.-20. June, 2013*

*-http://web.tuke.sk/seminar\_PKM/TEXT/2013/P%20%201%20Nagy.pdf*

1. *Zheng, Y.M., Sun, X.R., Li, G.Y., 2013, Synthesis and application of an anionic poly-carboxylate dispersant for Kaolin Slurry,* Advanced Materials Research*, 781-784, pp. 554-559*

*-* *http://dx.doi.org/10.4028/www.scientific.net/AMR.781-784.554*

1. *Evcin, A., 2011, Investigation of the effects of different deflocculants on the viscosity of slips,* Scientific Research and Essays*, 6 (11), pp. 2302-2305*

*-* *http://dx.doi.org/*10.5897/SRE10.686

1. *Zhu X., Yan C., Chen J. (2012) “Application of urea-intercalated kaolinite for paper coating”*Applied Clay Science*, 55(1), pp.114-119*

*-*[*http://dx.doi.org/10.1016/j.clay.2011.11.001*](http://dx.doi.org/10.1016/j.clay.2011.11.001)

1. *Bayrak, Semin. “Maleik anhidrit-akrilik asit kopolimeri ile seramik kompozitinin hazırlanması ve karakterizasyonu”* Tez (Yüksek Lisans) Hitit Üniversitesi, Fen Bilimleri Enstitüsü*, 2012. 94 s.*

*-http://earsiv.hitit.edu.tr:8080/xmlui/bitstream/handle/11491/143/semin\_bayrak\_tez%20pdf.pdf?se quence=1&isAllowed=y*

1. *Uygun, Fulya. “Seramik Çamurunda Kullanılan Silikat İçeriğinin Döküm Özelliklerine Etkisi”* Tez (Yüksek Lisans) İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü*, 2011*

*-https://polen.itu.edu.tr/handle/11527/8385*

1. *N. V. Dũng, P. N. Linh, H. N. Thạch, V. K. Anh (2010) “Nghıên cüu anh hưöng cüa phu gıa phân tán đên đên tính chat cua hö cao lanh (An investigation into the effects of some dispersants on the characteristics of kaolin slurries, in Vietnamese)” Dai Hoc Da Nang Ban Quan Ly Khoa Hoc Va Dao Tao Sau Dai Hoc (The University of Da Nang Journal of Science and Technology, in Vietnamese) Tap Chi Khoa Hoc Số 39 Quyển 1 Trang 75-81*

*-*[*http://www.ud.edu.vn/bankhcnmt/tapchi\_so.asp?Nam=94&ID=136*](http://www.ud.edu.vn/bankhcnmt/tapchi_so.asp?Nam=94&ID=136)

*-*[*http://www.ud.edu.vn/bankhcnmt/zipfiles/so39q1/so39bai11.pdf*](http://www.ud.edu.vn/bankhcnmt/zipfiles/so39q1/so39bai11.pdf)

1. *Parveen, S., Jahan, S. A. (2010) “Investigation on Physico-Chemical Properties of Vitreous China Sanitary Ware from Local Clays”* Bangladesh J. Sci. Ind. Res*., 45(4), pp. 387-392*

*-*[*http://dx.doi.org/10.3329/bjsir.v45i4.7386*](http://dx.doi.org/10.3329/bjsir.v45i4.7386)

1. **Projects** 
   1. **Contributed projects** 
      1. Türkiye Bentonitlerinden Teknolojik Ürünler Elde Edilmesi, (Yardımcı Araştırıcı ve Bursiyer Olarak), TÜBİTAK TARAL Projesi, MAM/MTA/İTÜ Ortak Projesi – İTÜ Proje Ekibi, (Proje No: MAG 106G106), 2009, Proje Yürütücüsü: Prof. Dr. Mehmet Sabri ÇELİK (Proje Bütçesi-İTÜ: 475.239-TL)
      2. Kaolenin, Polimer Kullanımıyla Uygun Fiziksel Özellikte Seramik Hammaddesi Haline Getirilebilirliğinin Araştırılması, (Yardımcı Araştırıcı ve Bursiyer Olarak), TÜBİTAK 1001 Bilimsel Araştırma Projesi (Proje No: MAG 106M178), 2008, Proje Yürütücüsü: Prof. Dr. Gündüz ATEŞOK (Proje Bütçesi: 152.860-TL)
      3. Saniter Yapımında Kullanılan Kaolenlerin Döküm Özellikleri Üzerinde Polimerlerin Etkisi, (Yardımcı Araştırıcı Olarak), İTÜ Araştırma Fonu Projesi, 2006, Proje Yürütücüsü: Prof. Dr. Gündüz ATEŞOK (Proje Bütçesi: 4.000-YTL)
      4. Abhazya Bölgesi Kömürünün Zenginleştirilmesi Teknolojik Araştırma Projesi, (Yardımcı Araştırıcı Olarak), İTÜ Döner Sermaye Projesi, 2006, Proje Yürütücüsü: Prof. Dr. Gündüz ATEŞOK
   2. **Managed projects** 
      1. Farklı Asitlerle Modifiye Edilmiş Killeri Katalizör Olarak Kullanarak Sodyum Bor Hidrürden Hidrojen Üretimi, (Yürütücü), Siirt Üniversitesi BAP projesi, (Proje No: 2017-SİÜSYO-51, Proje Bütçesi: 5.000-TL)
2. **Administrative Duties**

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| --- | --- | --- | --- |
| **9.1.** | Director of Research Center | Continuing Education Application and Research Center of Siirt University | 03.2015 – 10.2017 |
| **9.2.** | Advisory Board Member | Distance Learning Application and Research Center of Siirt University | 07.2015 - Now |
| **9.3.** | Head of Department | Occupational Health and Safety Department in Health High School of Siirt University | 09.2015 - Now |
| **9.4.** | Board Member | Health High School of Siirt University | 09.2015 - Now |

1. **Memberships in Scientific and Professional Organizations**
   1. Member of TMMOB - Chamber of Mining Engineers of Turkey

1. **Awards** 
   1. **Publication Encouragement Award**
      1. TÜBİTAK UBYT/2008-3656 - Awarding date: 07.11.2008
2. **Undergraduate and graduate level courses offered in the last three years**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Academic Year** | **Semestr** | **Course Title** | **Weekly Time** | | **Number of Students** |
| **Theoric** | **Application** |
| 2015-2016 | **Autumn** | Basic Disaster Consciousness | 2 | 0 | 77 |
| Basic Information Technologies | 3 | 0 | 122 |
| Computer | 1 | 2 | 113 |
| Computer Applications | 2 | 2 | 40 |
| **Spring** | Research Methods | 3 | 0 | 28 |
| Occupational Health and Safety | 2 | 0 | 251 |
| Labratory Safety | 2 | 0 | 1 |
| Radiation Safety and Protection from Radiation | 3 | 0 | 17 |
| Elective (Speaking and Presentation Work) | 1 | 2 | 13 |
| Elective (Community Service and Guidance) | 1 | 2 | 56 |
| 2016-2017 | **Autumn** | Basic Information Technologies | 3 | 0 | 139 |
| Computer | 1 | 2 | 105 |
| Computer Applications | 2 | 2 | 41 |
| **Spring** | Occupational Health and Safety | 2 | 0 | 273 |
| Labratory Safety | 2 | 0 | 2 |
| 2017-2018 | **Autumn** | Basic Information Technologies | 3 | 0 | 76 |
|  | Introduction to Occupational Health and Safety | 3 | 0 | 61 |
| **Spring** | Basic Concepts In Work-Health and Safety Relationships | 3 | 0 | 44 |
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Updated : 21.02.2018