**CURRICULUM VITAE**

**Dr. Hamid GADOURI**, Doctor at Yahia Farès University, Medea 26000, Algeria. 
Master in Geotechnical Engineering, Djilali Bounaama University Khemis–Miliana, Ain Defla 44000, Algeria. 
Teacher at Yahia Farès University, Discipline of Geotechnical Engineering. 
Member in the Research Team of Geomaterials Laboratory of Hassiba Ben Bouali University, Soils Improvement and Modeling, Chlef 02000, Algeria.

**Contact Information**

**Dr. Hamid GADOURI**

Doctor in Geotechnical Engineering 
Faculty of Science and Technology, Matter Engineering Department, Medea University, Medea 26000, Algeria  
Geomaterials Laboratory, Civil Engineering Department Faculty of Civil Engineering and architecture, Chlef University, Chlef 02000, Algeria

**Tel/Fax:** +213 (0) 27.72.17.94  
**Mobile:** +213 (0) 790.982.163  
+213 (0) 663.989.621  
**E-mail:** hamid_gadouri2000@yahoo.fr  
hamid_gadouri2015@yahoo.fr  
**ORCID:** http://orcid.org/0000-0002-0753-3569  
**Web-site:** http://www.hamidgadouri.jimdo.com  
**Google-Scholar:** https://scholar.google.com/citations?user=y9aKOrAAAAAJ&hl=fr  
**Linked-In:** https://dz.linkedin.com/in/hamid-gadouri-69b990b9  
**Res-Gate:** https://www.researchgate.net/researcher/2116380290_Hamid_Gadouri

**Specialization**

Construction Engineering and Geotechnical Risks (in French: Ingénierie de Construction et Risques Géotechniques)

**Educational Qualifications**

- **Ph.D**  
  (2017)  
  In Construction Engineering and Geotechnical Risks (Chemical Soil Stabilization) at University of Yahia Farès, Medea, Algeria.  
  **Thesis title:** Influence of the presence of sulphates on the treatment of clayey soils with mineral additions  
  (In French: Influence de la présence des sulfates sur le traitement des sols argileux par des ajouts minéraux).

- **Master**  
  (2010)  
  In Geotechnical Engineering from the University of Djilali...
Bounaama, Khemis–Miliana, Ain Defla, Algeria.

**Thesis:** Analysis and interpretation of geotechnical parameters of Plaisancian marls of El–Achour and Dely Brahim regions, Algiers Department (*In French:* Analyse et interprétation des paramètres géotechniques des marnes du Plaisancien de la région d'El–Achour et Dely Brahim, Wilaya d'Alger).

**Licence (2008)**

In Geotechnical Engineering from the University of Djilali Bounaama, Khemis–Miliana, Ain Defla, Algeria.

**Thesis:** Contribution to a geotechnical, geological and hydrogeological study of a civil engineering project (Bridge) on the Cheliff river, Ain Defla Department (*In French:* Contribution à une étude géotechnique, géologique et hydrologique d’un ouvrage d’art (Pont) sur l’oued Cheliff, Wilaya d’Ain Defla).

**Teaching**

**Sep 2013 – Present** (*—*)

**Practical Works on Soil and Soil-Interaction Modeling of different Civil Engineering Projects using PLAXIS Program 8.2** (*For Ms.1*), Civil Engineering, Medea University

**Sep. 2012 – Jan. 2013**  
**Practical Works in Geotechnical Tests** (*For Lice. 3*), Civil Engineering, Medea University

**Practical Works in Materials resistance** (*For Lice.2*), Civil Engineering, Medea University

**Areas of Research Interests**

Ground Improvement Methods (Méthodes d’Amélioration des Sols)  
Chemical Soil Stabilization (Stabilisation Chimique des Sols)  
Effects of Sulphates on Chemical Soil Stabilization (Effets des Sulfates sur la Stabilisation Chimique des Sols)  
Soil Slope Stability (Stabilité des Pentes)  
Soil Mechanics (Mécanique des Sols)  
Rock Mechanics (Mécanique des roches)  
Resistance of Materials (Résistances des Matériaux)  
Pavement Engineering (Chaussées Routières)  
Environmental Geotechnics (Geotechnique Environnementale)  
Artificial Neural Networks (Réseaux de Neurones)  
Soil Dynamics (Dynamique des Sols)  
Statistical Models Development (Développement des Modèles Statistiques)
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<tr>
<th>Year</th>
<th>Master Thesis</th>
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<th>Subject Areas</th>
<th>University</th>
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**Laboratory and Field Testing Experience**

Geotechnical Engineering Laboratory Tests on Soils
In Situ Tests on Soils
X-Ray Diffraction and Electron Microscopic Studies on Soil Stabilization

**Research Papers in Refereed, Scholarly Journals**

**Papers Under Preparation:**

- Gadouri, H., Harichane, K. and Ghrici, M. A state-of-the-art review of sulphates effects on geotechnical properties of additives-stabilised problematic soils, *(In Progress).*

- Gadouri, H., Harichane, K. and Ghrici, M. Assessing the effects of sulphates on the correlation between the physical and mechanical properties of soil–L–NP mixtures used as building materials for road pavements, *(In Progress).*

- Gadouri, H., Harichane, K. and Ghrici. M. Assessment of sulphates effect on compaction characteristics of soil–Lime–Natural Pozzolana mixtures as an adhesion material for road construction, *(In Progress).*

- Gadouri, H., Harichane, K. and Ghrici. M. Assessing the effect of sulphates on the classification of soil–lime–natural pozzolana mixtures used as materials for road construction, *(In Progress).*

**Papers Under Review:**


**Published/Accepted Papers:**

  
  **Link:** [http://dx.doi.org/10.1080/19386362.2016.1238562](http://dx.doi.org/10.1080/19386362.2016.1238562)

  
  **Link:** [http://search.proquest.com/openview/60f66574499704261cc939db2a14b658/1?pq-origsite=gscholar&cbl=2034353](http://search.proquest.com/openview/60f66574499704261cc939db2a14b658/1?pq-origsite=gscholar&cbl=2034353)

  **Link:** [http://dx.doi.org/10.1080/19386362.2016.1275429](http://dx.doi.org/10.1080/19386362.2016.1275429)


  **Link:** [http://dx.doi.org/10.1080/19386362.2017.1320850](http://dx.doi.org/10.1080/19386362.2017.1320850)


  **Link:** [http://dx.doi.org/10.1080/19386362.2017.1329966](http://dx.doi.org/10.1080/19386362.2017.1329966)


  **Link:** [https://link.springer.com/article/10.1007/s12517-017-3016-y](https://link.springer.com/article/10.1007/s12517-017-3016-y)


  **Link:** [http://dx.doi.org/10.1080/10298436.2017.1337119](http://dx.doi.org/10.1080/10298436.2017.1337119)

### Seminars/Workshops/Conferences


  **Link:** [https://gadourihamid.jimdo.com/production-scientifiques/s%C3%A9minaires/](https://gadourihamid.jimdo.com/production-scientifiques/s%C3%A9minaires/)

### Scientific internships and Practices Formation

**Juin 2004**  Blocked internship of 15 days at the Housing and Construction Center Laboratory (LHCC, Kolea, Tipaza, Algeria) in order to
become familiar with the physico-mechanical tests of soils.

**Sep. 2012 – June 2014**  Blocked internship at the Housing and Construction Center Laboratory (LHCC, Rouiba, Oued Smar, Algiers, Algeria) in order to perform several tests on improved clayey soils for preparing a doctoral thesis.

**Thesis in progress:** Influence of the presence of sulphates on the treatment of clayey soils with mineral additions.

**Languages**
- Arabic
- English
- French

**Computers and Software**

*Office:* Word, Excel, PowerPoint

*Software:* PLAXIS Program 8.2 (2D) modeling risks threatening the stability of civil engineering projects.

**End**