

JAVIER ELIO

I am an engineer with 10+ years of research and teaching experience, with a solid background in statistics, spatial data analysis, and modelling. My main research area is environmental science, with a particular interest in natural hazards and climate change.


EDUCATION

- 2013 • **Ph.D.in Environmental Science**
Technical University of Madrid  Madrid, ES
- 2009 • **M.Sc. in Environmental Research, Modelling and Risk Assessment**
Technical University of Madrid  Madrid, ES
- 2005 • **M.Eng. in Mining Engineering. Specialization: Natural Resources and Environment Management**
Technical University of Madrid  Madrid, ES

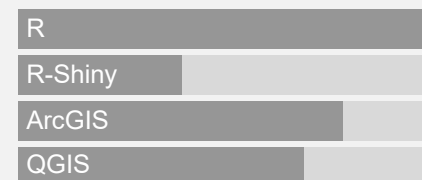
EMPLOYMENT

- 2020 • **Assistant Professor / Postdoc**
Aalborg University, Technical Faculty of IT and Design, Department of Planning  Copenhagen, DK
- 2019 • **Assistant Professor**
Western Norway University of Applied Sciences, Department of Safety, Chemistry and Biomedical laboratory sciences  Haugesund, NO
- 2016 • **Postdoctoral Research Fellow**
Trinity College Dublin, Geology  Dublin, IE
- 2014 • **Research Assistant**
Technical University of Madrid, School of Mining and Energy Engineering  Madrid, ES
- 2009 • **PhD Candidate**
Fundación Ciudad de la Energía, CO2 Geological Storage  Ponferrada, ES
- 2007 • **Research assistant**
Technical University of Madrid, School of Mining and Energy Engineering  Madrid, ES
- 2005 • **Tunnel Engineer**
Obrascon Huarte Lain SA, AVE Colmenar-Soto del Real, Western tunnel (9.5km)  Madrid, ES

CONTACT INFO

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SOFTWARE



LANGUAGES

Spanish: mother tongue.

English: fluent. It has been my everyday work language since 2016.



TEACHING EXPERIENCE

- 2019 ● **Regional Workshop on Development of Radon Maps and the Definition of Radon Prone Areas**
Lecturer, International Atomic Energy Agency 📍 Vilnius, LT
- 2018 ● **Expert Mission to advice on radon detection, mapping and analysis**
Lecturer, International Atomic Energy Agency 📍 Lima, PE
- 2018 ● **Geological residential field-school.**
Teaching assistant, 10 day geological residential fieldschool in SE Spain, Trinity College Dublin, School of Natural Sciences, Geology 📍 Dublin, IE
- 2017 ● **GIS module in MSc Environmental Science.**
Lecturer: A new indoor radon risk map of Ireland. Geology, School of Natural Sciences, Trinity College Dublin, School of Natural Sciences, Geology 📍 Dublin, IE
- 2016 ● **Geological residential field-school.**
Teaching assistant, 10 day geological residential fieldschool in SE Spain, Trinity College Dublin, School of Natural Sciences, Geology 📍 Dublin, IE



SELECTED PUBLICATIONS

- 2020 ● **Application of airborne radiometric surveys for large scale geogenic radon potential classification**
Journal of the European Radon Association
[🔗 http://dx.doi.org/10.35815/radon.v1.4358](http://dx.doi.org/10.35815/radon.v1.4358)
- 2019 ● **The first version of the Pan-European Indoor Radon Map**
Natural Hazards and Earth System Sciences
[🔗 http://dx.doi.org/10.5194/nhess-19-2451-2019](http://dx.doi.org/10.5194/nhess-19-2451-2019)
- 2018 ● **Estimation of residential radon exposure and definition of Radon Priority Areas based on expected lung cancer incidence**
Environment International
[🔗 http://dx.doi.org/10.1016/j.envint.2018.02.025](http://dx.doi.org/10.1016/j.envint.2018.02.025)
- 2017 ● **Logistic regression model for detecting radon prone areas in Ireland**
Science of the Total Environment
[🔗 http://dx.doi.org/10.1016/j.scitotenv.2017.05.071](http://dx.doi.org/10.1016/j.scitotenv.2017.05.071)

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Last updated on 2022-01-04.