

## PERSONAL INFORMATION

**Adil SALHI**

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Prof, PhD | 44 y.o. | Moroccan



## *Profil* Professor (Full) | International Expert Geography | Socio-Ecology | Climate | Hydro-Environmental-Geosciences

2023: Best Researcher 2018-2022 Award (Abdelmalek Essaadi University, Morocco)

2019: Best French-speaking Researcher (Agence Universitaire de la Francophonie, Canada)

2019: Best Paper Award (Springer-Nature)

2015-ongoing: PI / National Coordinator of many International Projects (> 1,1 Million Euros)

2021-ongoing: Coordinator of UNIMED Subnetwork on Climate & Environmental Change

2019-ongoing: Expert & Evaluator for International Organizations

2013-ongoing: Head of Research Group

2015-2021: Head of Laboratory

2016-ongoing: Elected member of the Faculty Council

2013-ongoing: Member of the Council of the Doctoral School

2009-ongoing: Professor (Assistant, Associate then Full) at Abdelmalek Essaadi University

2008: PhD, Abdelmalek Essaadi University & Barcelona University

2008: DEA, Barcelona University

2006-ongoing: Author

2005: Master, Sevilla university

2004: DESA, Abdelmalek Essaadi University

2002: Bachelor degree, Abdelmalek Essaadi University

## *Summary*

39	Peer-reviewed indexed Articles (18 Q1, 6 Q2, 1 Q3, and 14 Q4)
22	Research and Development reports
3	Books
14	Referee for Peer-reviewed Indexed Journals
8	Expert for International Organizations
15	Projects & Collaborations (> 1,1 Million Euros)
19	Expertise and Consulting Projects
22	International Communications
Dozens	Organization of International Conferences and Meetings
6	Education (University Diplomas)
15	Prizes, Grants & Scholarships
16	Work Experience (15+ years)
5	Languages

1. **Salhi A**, El Hasnaoui Y, Perez Cutillas P, Heggy E. Soil Erosion and Hydro-Climatic Hazards in Major African Port Cities: The Case Study of Tangier. **Scientific Reports** 13, 13158 (2023). (Q1) <https://doi.org/10.1038/s41598-023-40135-3> (2023)
2. **Salhi A**, Leveraging emotional connections for climate change action: the power of solidarity and a common cause. **Mitigation and Adaptation Strategies for Global Change** (2023); 28 (22). <https://doi.org/10.1007/s11027-023-10059-4> (Q1)
3. **Salhi A**, Benabdelouahab S, Mettouchi M, Vila Subirós J, Bouchlouch Z, Benabdelouahab T, et al. Impact of massive development projects on ecosystem services in Mediterranean rural landscapes. **Remote Sensing Applications: Society and Environment** (2023); 29: 100880. <https://doi.org/10.1016/j.rsase.2022.100880> (Q1)
4. **Salhi A**, Benabdelouahab S. The downstream impact of the first and second filling of the Grand Ethiopian Renaissance Dam. **Sustainable Water Resources Management**. 9, 14 (2023). <https://doi.org/10.1007/s40899-022-00800-3> (Q2)
5. Okacha A, **Salhi A**, Arari K, Elbadaoui K, Lahrichi K. Soil erosion assessment using the RUSLE model for better planning: a case study from Morocco. **Modeling Earth Systems and Environment**. (2023). <https://doi.org/10.1007/s40808-023-01731-4> (Q1)
6. **Salhi, A**, Benabdelouahab, S, & Martin-Vide, J. Statistical analysis of long-term precipitation in the Maghreb reveals significant changes in timing and intensity. **Theoretical and Applied Climatology**. <https://doi.org/10.1007/s00704-022-04236-9> (Q1) (2022)
7. **Salhi A**, Vila Subirós J, Insalaco E. Spatial patterns of environmental degradation and demographic changes in the Mediterranean fringes. **Geocarto International** (2022): <https://doi.org/10.1080/10106049.2022.2090619> (Q1)
8. **Salhi A**, Benabdelouahab S, Himi M, Benabdelouahab T, Stitou El Messari JE, Draoui M, et al. A new decision-oriented groundwater protection model: framework and implementation in a case study in Morocco. **Sustainable Water Resources Management** (2022); 8: 72. <https://doi.org/10.1007/s40899-022-00661-w> (Q2)
9. El Yousfi Y, Himi M, El Ouarghi H, Elgettafi M, Benyoussef S, Gueddari H, Aqnouy M, **Salhi A**, Alitane A. Hydrogeochemical and statistical approach to characterize groundwater salinity in the Ghiss-Nekkor coastal aquifers in the Al Hoceima province, Morocco. **Groundwater for Sustainable Development** (2022); 19: 100818. <https://doi.org/10.1016/j.gsd.2022.100818> (Q1)
10. Vila Subirós, J., & **Salhi, A**. (2022). El Antropoceno. Una interpretación desde la geografía. **Documents d'Anàlisi Geogràfica**, (2022), vol. 68, núm. 3, p. 493-503. <https://doi.org/10.5565/rev/dag.746> (Q2)
11. Himi M, Deidda GP, **Salhi A**, Messari S-E, Sendrós Brea-Iglesias A, Rivero Marginedas L, et al. Comparative study of saltwater intrusion in coastal aquifers: application to the aquifer of Oued Laou (Morocco). **Boletín Geológico y Minero**, (2022), vol. 133, num. 1, p. 47-61. <https://doi.org/10.21701/bolgeomin/133.1/003> (Q3)
12. **Salhi A**, Benabdelouahab S, Bouayad EO, Benabdelouahab T, Larifi I, El Mousaoui M, et al. Impacts and social implications of landuse-environment conflicts in a typical Mediterranean watershed. **Science of the Total Environment** (2021); 764: 142853. <https://doi.org/10.1016/j.scitotenv.2020.142853> (Q1)
13. **Salhi A**. Critique of a published paper: "Local risk awareness and precautionary behaviour in a multi-hazard region of north Morocco". **International Journal of Disaster Risk Reduction** (2021); 54: 102036. <https://doi.org/10.1016/j.ijdrr.2021.102036> (Q1)
14. **Salhi A**, Benabdelouahab T, Hasnaoui YE, El Moussaoui M, El Morabit A, Himi M, et al. Soil Erosion Assessment and Farmers' Perception in South Mediterranean Basins: A Moroccan Case Study. **Environmental Science and Engineering** (2021), pp. 2019-2024. [https://doi.org/10.1007/978-3-030-51210-1\\_298](https://doi.org/10.1007/978-3-030-51210-1_298) (Q4)
15. Lebrini Y, Boudhar A, Laamrani A, Htitiou A, Lionboui H, **Salhi A**, et al. Mapping and Characterization of Phenological Changes over Various Farming Systems in an Arid and Semi-Arid Region Using Multitemporal Moderate Spatial Resolution Data. **Remote Sensing** (2021); 13. <https://doi.org/10.3390/rs13040578> (Q1)

16. **Salhi A**, Okacha A, Benabdelouahab S, Himi M, Benabdelouahab T, Casas Ponsati A. Modelling Flood Risk in Rural Areas: The Case of the Arbaa Taourirt Centre (Morocco). **Environmental Science and Engineering** (2021), pp. 1981-1988. [https://doi.org/10.1007/978-3-030-51210-1\\_311](https://doi.org/10.1007/978-3-030-51210-1_311) (Q4)
17. Hadria R, Benabdelouahab T, Lionboui H, **Salhi A**. Comparative assessment of different reference evapotranspiration models towards a fit calibration for arid and semi-arid areas. **Journal of Arid Environments** (2021); 184: 104318. <https://doi.org/10.1016/j.jaridenv.2020.104318> (Q1)
18. Hadria R, **Salhi A**, Benabdelouahab T, Elmansouri L, Lionboui H, Ouatiki H, et al. Evaluation of TRMM 3B42 V7 Rainfall Product in Morocco. **Environmental Science and Engineering**, (2021), pp. 1895-1899. [https://doi.org/10.1007/978-3-030-51210-1\\_298](https://doi.org/10.1007/978-3-030-51210-1_298) (Q4)
19. Lionboui H, Benabdelouahab T, Elame F, Boudhar A, **Salhi A**, Hadria R. The Contribution of the Costs of Agricultural Inputs (to) Wheat Grain Yield: Morocco as a Case Study. **Environmental Science and Engineering**, (2021), pp. 1169-1173. [https://doi.org/10.1007/978-3-030-51210-1\\_185](https://doi.org/10.1007/978-3-030-51210-1_185) (Q4)
20. **Salhi A**, Benabdelouahab T, Martin-Vide J, Okacha A, El Hasnaoui Y, El Mousaoui M, et al. Bridging the gap of perception is the only way to align soil protection actions. **Science of the Total Environment** (2020); 718: 137421. <https://doi.org/10.1016/j.scitotenv.2020.137421> (Q1)
21. **Salhi A**, Alilou MR, Benabdelouahab S, Vila-Subirós J, Sala P, Benabdelouahab T, et al. Assessment of geosites in northern Morocco: diversity and richness with potential for socioeconomic development. **Geoheritage** (2020); 12: 1-21. <https://doi.org/10.1007/s12371-020-00512-0> (Q1)
22. Benabdelouahab T, Gadouali F, Boudhar A, Lebrini Y, Hadria R, **Salhi A**. Analysis and trends of rainfall amounts and extreme events in the Western Mediterranean region. **Theoretical and Applied Climatology** (2020); 141: 309-320. <https://doi.org/10.1007/s00704-020-03205-4> (Q1)
23. **Salhi A**, Martin-Vide J, Benhamrouche A, Benabdelouahab S, Himi M, Benabdelouahab T, et al. Rainfall distribution and trends of the daily precipitation concentration index in northern Morocco: a need for an adaptive environmental policy. **Springer Nature Applied Sciences** (2019); 1: 277. <https://doi.org/10.1007/s42452-019-0290-1> (Q2)
24. Benabdelouahab S, **Salhi A**, Himi M, Stitou El Messari JE, Casas Ponsati A. Geoelectrical investigations for aquifer characterization and geoenvironmental assessment in northern Morocco. **Environmental Earth Sciences** (2019); 78: 209. <https://doi.org/10.1007/s12665-019-8221-4> (Q2)
25. Hadria R, Benabdelouahab T, Elmansouri L, Gadouali F, Ouatiki H, Lebrini Y, Boudhar A, **Salhi A**, Lionboui H. Derivation of air temperature of agricultural areas of Morocco from remotely land surface temperature based on the updated Köppen-Geiger climate classification. **Modeling Earth Systems and Environment** (2019); 5: 1883-1892. <https://doi.org/10.1007/s40808-019-00645-4> (Q1)

### *Rapporteur/Reviewer Expert for International Organizations*

1. Prima Foundation, Spain
2. Fonds de recherche du Québec, Canada
3. European Union, Belgium
4. National Research Agency (ANR), France
5. National Centre for Scientific and Technical Research (CNRST), Morocco
6. National Agency for Evaluation and Quality Assurance of Higher Education and Scientific Research (ANEAQ), Morocco
7. Francophonie University Association (AUF), Canada
8. Mohammed VI Polytechnic University, Morocco

### *Projects & Collaborations*

(PI or National Coordinator  
List from the last 5 years)

2022 – 2023	MAECI Students' attitudes in a changing Mediterranean (ASMeC)
Amount	26.600 €
2019 – 2022	Erasmus+ Climate Virtual ExChange : Renforcer la sensibilisation au climat en

Amount	Europe et dans la région du Sud de la Méditerranée (ClivEx)
2019 – 2022	68.233 € Erasmus+ Mediterranean Environmental Change Management. Master Study and Ecosystem building (MEHMED)
Position	Moroccan coordinator
Amount	788.626 €
2019 – 2024	CNRST Thematic atlas of geographic, socioeconomic, territorial and cultural assets and changes in the Tangier - Tetouan - Al Hoceima region (GEOREGAT)
Position	Project Manager
Amount	500,000 Moroccan Dirhams (~ \$ 52,630)
2015 – 2023	CNRST Hydrological risks and changes in the Mediterranean mountains (RHYMUMED): Effect of management practices and territorial transformations on the upstream / downstream socio-economic balances
Amount	700,000 Moroccan Dirham (~ \$ 73,690)

## Education 6

2013	HDR University Diploma in Geography Abdelmalek Essaadi University, Morocco
2008	PhD in Earth Sciences (Geology) Abdelmalek Essaadi University, Morocco & University of Barcelona, Spain (Joint Thesis)
2007	Diploma of Advanced Studies (DEA) in Earth Sciences University of Barcelona, Spain
2006	Master in Water Engineering (Valedictorian) Polytechnic School, University of Seville, Spain
2004	Diploma of Advanced Graduate Studies (DESA) in Environment and Natural Resources (Valedictorian) Abdelmalek Essaadi University, Morocco
1998 – 2002	Bachelor in Earth Sciences (Geology) Abdelmalek Essaadi University, Morocco

## Work Experience

2009 – to present	University Professor – Department of Geography Abdelmalek Essaadi University, Morocco Supervision of scientific research <ul style="list-style-type: none"> <li>+10 Theses</li> <li>+25 Master theses</li> <li>+50 Degree Research Project</li> </ul> President / Rapporteur <ul style="list-style-type: none"> <li>+10 Theses,</li> <li>+30 Master's theses.</li> </ul>
2020 –	Coordinator UNIMED SubNetwork on Climate and Environmental Change
2020 –	Master Study Coordinator Mediterranean Environmental Change Management Master Study and Ecosystem Building Abdelmalek Essaadi University
2019 – 2022	Steering Committee Member Erasmus+ 'Mehmed' international project 598826-EPP-1-2018-1-ES-EPPKA2-CBHE-JP

2019 – 2022	<b>National Local Coordinator</b> Erasmus+ 'Mehmed' international project 598826-EPP-1-2018-1-ES-EPPKA2-CBHE-JP
2013 –	<b>Head of the Geography and Development Research Group</b> Abdelmalek Essaadi University, Morocco
2013 –	<b>Principal Investigator</b> Many international research Projects
2015 – 2021	<b>Head of the Geomorphology Laboratory</b> Faculty of Letters and Humanities of Tetouan, Morocco
2013 –	<b>Member of the Council of the Doctoral School "Letters, Translation and Humanities"</b> Abdelmalek Essaadi University, Morocco
2016 –	<b>Elected member of the Faculty Council</b> Faculty of Letters and Humanities of Tetouan, Morocco
2017 – 2022	<b>Visiting Professor</b> University of Girona, Spain
2016 – 2017	<b>Trainer in the program to improve the employability and professional integration of graduates (25,000 licensees' program)</b> Abdelmalek Essaadi University, Morocco
Jul 2014 – Sep 2014	<b>Communal Supervisor at the General Population and Housing Census</b> High Commission for Planning, Morocco
Jan 2012 – Dec 2012	<b>General Supervisor of the economic mapping project of the Wilaya of Tetouan</b> Chamber of Commerce, Industry and Services of Tetouan, Morocco
2010 – 2014 2006 – 2007	<b>Expert assessor</b> Design and expertise office "Technical and Environmental Assistance of Morocco" (ATECEMA) Consultation and service network (RCS), Morocco
2005 – 2008	<b>Researcher</b> Economic and Environmental Geology and Hydrology Laboratory, Barcelona, Spain

## Languages 5

<b>Mother tongues</b>	Arabic & French
English	C2 level: Proficiency.
Spanish	C2 level: Proficiency.
Catalan	B1 level: Understanding and reading, basic speaking.