europass

Saed Khayat

Passport: 10064304 | **Work permit:** Palestinian (Autonomous Palestinian Territories) |

Date of birth: 15/12/1974 | **Place of birth:** Nablus, Autonomous Palestinian Territories |

Nationality: Palestinian (Autonomous Palestinian Territories) | **Sex:** Male | **Phone:**

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ABOUT MYSELF

Saed K. Khayat, Prof. Dr. rer. nat.
International Relation and External Affairs/ Director of Research Unit
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Saed K. Khayat (researchgate.net)

ORCID ID Prof. Saed Khayat (0000-0002-3865-4291) (orcid.org)

WORK EXPERIENCE

01/01/2022 – CURRENT Nablus, Autonomous Palestinian Territories

DIRECTOR OF INTERNATIONAL GRANTS AND PROJECT CENTER AN-NAJAH NATIONAL UNIVERSITY

- **Grant Acquisition & Proposal Developmen**t: Identify and secure international funding opportunities (Erasmus+, Horizon Europe, USAID, etc.), develop competitive proposals, and coordinate submissions with faculty and research teams.

- **Project Management & Implementation:** Oversee the execution of funded projects, ensuring compliance with technical and financial requirements, risk management, and timely delivery of outcomes.

- **Institutional Commitment & Compliance:** Ensure the university's full commitment to financial and technical project implementation, adhering to donor regulations and institutional policies.

- **Strategic Partnerships & International Collaboration:** Build and maintain relationships with global institutions, universities, and funding agencies to expand research and academic cooperation.

- **Higher Education Transformation & Innovation:** Initiate and develop transformative ideas for modernizing higher education, converting them into funded projects in collaboration with relevant academic and administrative staff.

- **Capacity Building & Staff Training:** Organize training programs on grant writing, project management, and international collaboration to strengthen faculty and staff capabilities.

- **Monitoring, Reporting & Evaluation:** Ensure proper project follow-up, financial tracking, and impact assessment through systematic reporting and internal evaluations.

- **Digitalization & Education** Modernization: Promote the integration of digital tools, virtual learning, and innovative methodologies to enhance education and vocational training programs.

- **Policy Alignment & Institutional** Strategy: Align international projects with the university's research priorities, educational strategies, and regional development needs.

Business or Sector Education | **Department** I |

Address Omar Bin Alkattab Str., P400, Nablus, Autonomous Palestinian Territories

01/10/2021 – 31/12/2022 Tulkarm, Autonomous Palestinian Territories

VICE PRESIDENT FOR INTERNATIONAL ACADEMIC RELATIONSHIP PALESTINE TECHNICAL UNIVERSITY KADOORIE

- Strategic Leadership & Vision: Develop and implement the university's internationalization strategy, focusing on enhancing global academic partnerships, student mobility, and research collaborations.

- Global Partnerships & Networking: Build and maintain relationships with international universities, research institutions, and funding bodies to foster academic collaboration, exchange programs, and joint research initiatives.

- International Mobility & Exchange Programs: Oversee the development and management of student and faculty mobility programs, including study abroad, internships, and exchange opportunities with global partners.

- International Research Collaboration: Promote and facilitate international research partnerships, joint research projects, and participation in international conferences to enhance the university's global research profile.

- International Students & Faculty Support: Develop and implement support systems for international students and faculty, including orientation programs, language assistance, and cultural integration initiatives.

- Grant Acquisition & International Funding: Seek international funding opportunities for collaborative academic programs and research, ensuring the university's participation in global academic funding schemes.

- Policy Development & Advocacy: Advise university leadership on international academic policies, trends, and issues, and represent the university in global academic networks and policy discussions.

- Monitoring & Reporting: Oversee the monitoring and evaluation of international academic initiatives, ensuring alignment with institutional goals and effective reporting on outcomes and impacts.

01/10/2020 – 30/09/2021 Tulkarm, Autonomous Palestinian Territories

DEAN OF PLANNING, DEVELOPMENT AND QUALITY PALESTINE TECHNICAL UNIVERSITY KADOORIE

- Strategic Planning & Institutional Development: Lead the development and implementation of the university's long-term strategic plan, ensuring alignment with academic goals, community needs, and national priorities.

- Academic Quality Assurance: Oversee the design and execution of academic quality assurance mechanisms to ensure that programs meet national and international standards, contributing to continuous improvement in teaching and learning.

- Program Evaluation & Accreditation: Coordinate the evaluation and accreditation processes for academic programs, ensuring compliance with accrediting bodies and promoting the university's reputation.

- Data-Driven Decision Making: Develop and maintain systems for gathering, analyzing, and interpreting data related to university performance, student satisfaction, and academic success to guide institutional decision-making.

- Curriculum Development & Innovation: Collaborate with academic departments to ensure curriculum development aligns with the latest trends, industry standards, and global educational practices.

- Institutional Capacity Building: Support the university's institutional development by fostering a culture of excellence, encouraging professional development, and enhancing internal processes to optimize academic and administrative performance.

- Resource Allocation & Management: Work with other university leaders to ensure the effective allocation of resources for academic programs, research initiatives, and institutional development projects.

01/01/2014 – 31/12/2015 Tulkarm , Autonomous Palestinian Territories

DIRECTOR OF TECHNICAL AND APPLIED RESEARCH CENTER PALESTINE TECHNICAL UNIVERSITY KADOORIE

Research and Innovation: Lead and support applied research projects that address real-world challenges, driving innovation in fields such as engineering, technology, and industry-specific applications.

Collaboration with External Partners: Foster partnerships with industry leaders, governmental organizations, and other research institutions to facilitate applied research, technology transfer, and the commercialization of research outcomes.

Research Funding & Grants: Identify and secure funding opportunities for applied and technical research, including government grants, industry sponsorships, and international collaboration.

Development of Research Infrastructure: Enhance and maintain state-of-the-art laboratories, equipment, and facilities that support technical research and innovation across various disciplines.

Support for Faculty & Researchers: Provide guidance, resources, and administrative support to faculty and researchers involved in applied research projects, ensuring alignment with the university's strategic goals.

Training & Capacity Building: Organize workshops, seminars, and training programs to build research capacity among students, staff, and external stakeholders in applied research methodologies and technical support.

Impact Assessment & Reporting: Monitor the outcomes and impact of research projects, providing regular reports on the progress, results, and societal or economic benefits of applied research initiatives.

Quality Assurance & Standards Compliance: Ensure that all research projects adhere to high-quality standards and regulatory compliance, contributing to the university’s academic and ethical reputation.

Knowledge Dissemination: Promote the dissemination of research findings through conferences, publications, patents, and partnerships, increasing the visibility and impact of applied research

01/01/2016 – 31/12/2016 Halle, Germany

RESEARCHER IN HYDRO-GEOCHEMISTRY HELMHOLTZ CENTRE FOR ENVIRONMENTAL RESEARCH

- Guest Scientist and Researcher in Catchment Hydrology Department Group
- Working with research team in Water Quality and Quantity.
- Leading international research projects along with German partners.

01/04/2011 – 31/12/2022 Tulkarm, Autonomous Palestinian Territories

PROFESSOR PALESTINE TECHNICAL UNIVERSITY KADOORIE

Teaching and Research Professor

01/04/2003 – 31/12/2009 Halle, Germany

GUEST SCIENTISIF AND RESEAECH FELLOW HELMHOLTZ CENTRE FOR ENVIRONMENTAL RESEARCH UFZ

Researcher and Postdoctorate

17/03/1997 – 30/03/2010 Ramallah, Autonomous Palestinian Territories

DIRECTOR OF VICATION EDUCATION AND COLLEGES MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH

- Policy Development & Strategic Planning: Lead the development of national policies and strategic initiatives for the technical and vocational education and training (TVET) sector, ensuring alignment with labor market demands, economic growth, and national development goals.

- Quality Assurance & Standards Implementation: Oversee the establishment and implementation of quality standards for technical and vocational colleges, ensuring that programs meet accreditation requirements and align with both national and international educational standards.

- Coordination with Educational Institutions: Manage the relationship between the Ministry and technical/ vocational colleges, providing guidance on curriculum development, teaching methodologies, and the integration of industry-relevant skills into educational programs.

- Industry Partnerships & Workforce Development: Foster collaboration with private sector employers, industry bodies, and government agencies to create training opportunities, internships, apprenticeships, and job placements for students, ensuring that graduates meet the evolving needs of the job market.

- Monitoring, Evaluation & Reporting: Monitor and evaluate the performance of technical and vocational education programs, analyzing data on outcomes, student success, and employability rates. Provide regular reports to the Ministry and stakeholders on the effectiveness and impact of TVET initiatives.

EDUCATION AND TRAINING

01/04/2003 – 31/12/2005 Karlsruhe, Germany

DOCTOR DER NATURWISSENSCHAFTEN (DR. RER. NAT.) KIT- Karlsruhe Institure of Technology

Website https://www.kit.edu/ | **Level in EQF** EQF level 8

01/10/1999 – 01/05/2001 Nablus, Autonomous Palestinian Territories

MSC. IN ENVIRONMENTAL SCIENCES An-Najah National University

Website www.najah.edu | **Level in EQF** EQF level 7

01/10/1992 – 01/07/1996 Nablus, Autonomous Palestinian Territories

BSC. BIOLOGICAL SCIENCES An-Najah National University

Website www.najah.edu | **Level in EQF** EQF level 6

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C1	C2
GERMAN	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

DIGITAL SKILLS

AI-Based Work Facilitation and Production Programs | Artificial Intelligence prompting | Microsoft Office Programs | Team-work oriented | Organizational and planning skills | Creativity | Strategic Planning | Decision-making | Critical thinking | Written and Verbal skills | Social Media and Dissemination tools

PROJECTS

15/11/2024 – 14/11/2027

Bologna for Science Education in Palestine and Jordan

- The project aims to elevate higher education in Palestine and Jordan by implementing the Bologna Process in one program chosen from the multiple programs in the colleges of science at each partner university in Palestine and Jordan. The project will utilize Bologna's standards and philosophy to develop these selected programs by creating curricula based on Bologna and establishing the context and environment supporting this development at each HEIs.

Link https://basejops.org/

01/01/2024 – 31/12/2026

PhD Governance in Palestine PhDGov

- The PhDGov project focuses on enhancing the governance and management of PhD programs at the Palestinian Higher Education Institutions. By leveraging European expertise, the project aims to modernize doctoral education, establish industry partnerships, and reform national governance frameworks. Learn more about how this initiative supports PhD programs and contributes to Palestine’s socio-economic development

Link https://www.phdgov.ps/en

15/11/2018 – 14/11/2022

Innovations in Water Education Enhancing Water Security and Socio-economic Development in the Eastern Mediterranean under Climate Change WASEC

The main purpose of WaSec is to reform the current water related programs and/or create new one, through establishing and implementing a new innovative teaching tool, parallel with development of modernize state-of-art and life example learning material for the water resources development sector, that are based on strong cooperation between companies and HEIs, taking into consideration potential climate change impacts, while utilizing the adaptive learning and teaching methods

Link https://wasec.just.edu.jo/Pages/default.aspx

HONOURS AND AWARDS

01/01/2016

Zamalah Grant – Arab Fund for Development

1 year postdoc at UFZ-Environmental Research Centre Halle/Germany

06/08/2006

DFG Sachbeihilfen Grant – Deutsche Forschungsgemeinschaft: DFG

Research Grant: Spatial and Temporal Variations in the Hydrochemistry and Isotopic Compositions of the Groundwater and Surface Runoff in the Jordan Rift Valley (Case Study for Ramallah Jerusalem Sub-basin)

01/04/2006

Scholarship: DAAD- Helmholtz Post Doc Award – DAAD-Helmholtz

Postdoctoral fund for 2 years

01/04/2003

Scholarship: BMBF- German Federal Ministry for Education – BMBF

Academic supervision:

- *Alaa Jadou'a 2022 (ongoing), Investigating the presence of medical waste residues in Waste and drinking water along Wadi Zomar stream-Palestine. Deanship of Higher studies, An-Najah National University, Nablus.*
- *Noura Omar 2021: Salinity based Crop Suitability map for agricultural area in Jericho Auja. Master Thesis in Natural resources and Forestry program, Deanship of Higher studies, Palestine technical University-PTUK, Palestinian Territories.*
- *Mays Nofal 2020, The diversity and efficiency of sulphate reducing bacteria in selected groundwater at West Bank, Palestine. Master Thesis in Environmental Biotechnology program, Deanship of Higher studies, Palestine technical University-PTUK, Palestinian Territories.*
- *Sawsan Awes 2018, Bacterial Sulfate Reduction (SBR) as new tool for desalination of brackish water in lower Jordan valley. Master Thesis in Environmental Biotechnology program, Deanship of Higher studies, Palestine technical University-PTUK, Palestinian Territories.*
- *Reem Odeh 2017, Developing of a Quality Warning technique for Groundwater wells in the Karst Aquifer of Hebron district. Deanship of Higher studies, An-Najah National University, Nablus.*
- *Saleh Suleiman 2010, Identification of Environmental Flow Regime Using Chemical and Biological Parameters in Wadi Zomar/ West Bank. Master thesis. IEWS-Institute for Environmental and Water Studies, Birzeit University*
- *Fayez Abu-Hilo 2008, Spatial and Temporal Variations in the Hydrochemistry and Isotopic Compositions of the Groundwater in the Jordan Rift Valley. Master thesis. IEWS-Institute for Environmental and Water Studies, Birzeit University.*

Projects Participation and Management:

2002 – 2005:	Water Resources Evaluation for a Sustainable Development in the Jordan Rift Basin". (BMBF grant-code: 02WT0250).
2006-2009	IWRM-Project in the Lower Jordan Rift Valley: "SMART- Sustainable Management of Available Water Resources with Innovative Technologies", (BMBF grant-code 02WM0801).

2007-2012	IWRM-project Helmholtz Dead Sea: "Sustainable Management of Water Resources (Quantity and Quality) in the Dead Sea Area (SUMAR)", BMBF grant-code: 02WM0848.
2011-2013	Palestine for European Research Area-PERA. Higher or Secondary Education Establishments. INCO.2010-6.2 - Mediterranean Partner Countries: Morocco, Algeria, Tunisia, Libya, Egypt, Jordan, Palestinian-administered Areas, Lebanon, Syria, (EU-FP7 grant code: FP7-INCO).
2012-2017	Helmholtz-Virtual Institute DEad SEa Research VEnue "DESERVE". Water Balancing surrounding Dead Sea basin. Funded by the Helmholtz Association of German Research Centers.
2013-2015	Portable water sensing system, Palestinian-Dutch Academic Cooperation (PADUCO) program on Water. Funded by Dutch Ministry of Foreign Affairs.
2014-2017	Evaluating Groundwater Resources Using Environmental Isotopes (Phase 1). IAEA-International Atomic Energy Agency Vienna, Project no. PAL7004.
2017-2019	Evaluating Groundwater Resources Using Environmental Isotopes (Phase II). IAEA-International Atomic Energy Agency Vienna, Project no. PAL7005.
2017-2019	Establishing of Early Warning System for the Drinking Groundwater in the Karstic Aquifer of Hebron Area, Palestine. Pal-Ger- Palestinian German Academic cooperation. Funded by BMBF and Palestinian Ministry of Higher Education.
2019-Presnt	OKP-Pal project on Capacity Building in water, sanitation and hygiene (WASH), and climate-smart agriculture (CSA) Education and Research in Palestine. Orange Knowledge Programme (OKP) managed by Nuffic and funded by the Netherlands' Ministry of Foreign Affairs as part of its development policy.
2018-Present	Innovations in Water Education Programs: Enhancing Water Security and Socio-economic Development in the Eastern Mediterranean under Climate Change / WaSec. Co-funded by ERASMUS+, Capacity building in Higher Education, The Education, Audiovisual and Culture **Executive Agency (EACEA).**
2022-Presnt	Enhancing food security in T.T.U.T.J of T. Palestinian A. via nuclear based approaches**.** - IAEA-International Atomic Energy Agency Vienna, Project no. PAL5011

2023-Present	Enhancing ICT Competencies of Early Childhood Educators at HEIs in MENA Countries (ICT4EDU). Co-funded by ERASMUS+, Capacity building in Higher Education, ERASMUS-EDU-2022-CBHE. The Education, Audiovisual and Culture **Executive Agency (EACEA).**
2023-Present	AgroTechnology VET Centres to Network and Train Future Farmers in Jordan and Palestine (AgroTech). Co-funded by ERASMUS+, Capacity building in Higher Education, ERASMUS-EDU-2022 -CB-VET. The Education, Audiovisual and Culture **Executive Agency (EACEA).**

Institutional Capacity building through International Projects

- Establishing of Water Quality Lab. at PTUK
- Establishing of Virtual Learning Lab. for Water Education and training

Selected Publication Highlights

Journal Publications:

1. Salha, S., Mousa, A., & Khayat, S. (2024). Artificial intelligence in education (AIED) policies in school context: Mixed approach research. *Journal of Educational Leadership and Policy Studies (JELPS)*. (Accepted).
2. Litskas, V. D., Iakovoglou, V., Al-Salaymeh, A., Khayat, S., & Hassouneh, K. (2023). Innovation in water education programs in the Eastern Mediterranean to enhance security and socio-economic development under climate change. *Euro-Mediterranean Journal for Environmental Integration, 8*(2), 243–253.
3. Mallak, S. F., Al-Mallak, G. A., Sos, N., & Khayat, S. (2023). Using Markov Chains Models to Predict Water Supply and Demand and their Behavior: Case Study from Tulkarm City. *Palestine Journal of Mathematics, 12*(1).
4. Nofal, M., Sholi, N. J. Y., Marei, A., & Khayat, S. (2022). The diversity and efficiency of sulfate-reducing bacteria in selected groundwater at West Bank, Palestine. *Desalination and Water Treatment Science and Engineer, 275*, 253–259.
5. Al-Sayara, A., Marei, A., Khayat, S., & Sonneveld, B. (2022). Optimization of removal thermotolerant coliform (TTC) from drinking water using bio-sand filter (BSF) Masafer Yatta /Hebron West Bank – occupied Palestinian territories. *Desalination and Water Treatment Science and Engineer, 275*, 207–220.
6. Sayara, T., Khayat, S., Saleh, J., & van der Steen, P. (2021). Algal–bacterial symbiosis for nutrients removal from wastewater: The application of multivariate data analysis for process monitoring and control. *Environmental Technology & Innovation, 23.*
7. Sayara, T., Khayat, S., Saleh, J., & van der Steen, P. (2021). Evaluation of the effect of reaction time on nutrients removal from secondary effluent of wastewater: Field demonstrations using algal-bacterial photobioreactors. *Saudi Journal of Biological Sciences, 28*, 504–511.

8. Khayat, S., Marei, A., Amirieh, S., & Warad, I. (2020). Potential of Trihalomethanes formation in the Domestic water sources of Jericho area / West Bank. *Moroccan Journal of Chemistry, 8*(1), 540–551.
9. Khayat, S. (2020). Estimation of the Environmental Flow Regime to Determine the Minimum Flow for Pollution Reduction: Wadi Zomar - Palestine as a Case Study. *PTUK Journal.*
10. Khayat, S., Marei, A., Hippler, D., Barghouthi, Z., & Dietzel, M. (2020). Using environmental isotopes to investigate the groundwater recharge mechanisms and dynamics in the North-eastern Basin, Palestine. *Hydrological Sciences Journal, 65*(4), 583–596.
11. Khayat, S. K., Marei, A., Geyer, S., & Rödiger, T. (2018). Investigating the complex hydrogeological settings in the northeastern slope of the West Bank to the Jordan Graben (Malih and Jeftlik). *Euro-Mediterranean Journal for Environmental Integration, 3*, 32. https://doi.org/10.1007/s41207-018-0074-9
12. Barghouthi, Z., Khayat, S., Alimari, A., & Amereih, S. (2017). Climate change challenges and opportunities for nonconventional water use for agriculture in Palestine.
13. Khayat, S. K., Marei, A., Roediger, T., & Geyer, S. (2017). Using Stable Isotopes to Delineate the Relations between Sub-aquifer Systems in the Eastern Slope of Bethlehem-Hebron to the Dead Sea / Palestine. *Arabian Journal of Geosciences, 10*(22), 485. https://doi.org/10.1007/s12517-017-3270-z
14. Marei, A., Salah, N., Al-Rimawi, F., Khayat, S., Damiri, B., & Naser, A. (2017). Assessment of Commonly Used Pesticides in the Ground Water of the Shallow Aquifer Systems in Jericho and Jeftlik areas/ Lower Jordan Valley, Occupied Palestinian Territories. *International Journal of Environmental & Agriculture Research (IJOEAR, 3*(2).
15. Hillel, N., Siebert, C., Geyer, S., Khayat, S., Licha, T., & Laronne, J. B. (2015). Water quality and discharge of the Lower Jordan River. *Journal of Hydrology, 527*, 1096–1105. https://doi.org/10.1016/j.jhydrol.2015.06.002
16. Khayat, S., Marei, A., Geyer, S., & Eter, H. (2014). Quantifying the surface water runoff to the Dead Sea under different climate scenarios: A case study from Wadi Arogut. *International Journal of Water*. https://doi.org/10.1504/IJW.2016.073744
17. Khayat, S., Martinez Lladó, X., Natsheh, B., Sayara, T., Abu-Khalaf, N., & Hamdan, Y. (2013). Investigation of the presence of halogenated bi-products formation in the drinking water network in Tulkarm District / Palestine. *PTUK Journal, 1.*
18. Barghouthi, Z., Amereih, S., & Khayat, S. (2013). Spectrophotometric Determination of Fluoride in Groundwater Using Complexes of Flavonoid Chrysin.
19. Abu-Khalaf, N., Khayat, S., & Natsheh, B. (2013). Multivariate data analysis to identify the groundwater pollution sources in Tulkarm area / Palestine. https://doi.org/10.5923/j.scit.20130304.01
20. Khayat, S., Marei, A., Natsheh, B., & Abu-Khalaf, N. (2012). Mechanisms of Groundwater Pollutants Transport in Tulkarm Area / Palestine. *Resources and Environment, 2*(6), 281–290. https://doi.org/10.5923/j.re.20120206.06
21. Marei, A., Khayat, S., & Dajani, M. (2012). Water quality legislation in Palestine over the past century. *Environmental Sciences Europe, 24*(15). https://doi.org/10.1186/2190-4715-24-15
22. Carvajal-Escobar, Y., Mimi, Z., Khayat, S., Sulieman, S., Garces, W., & Cespede, G. (2011). Application of methodologies for environmental flow determination in an Andean and a Mediterranean Basin: Two case studies of the Pance River (Colombia) and Wadi River (Palestine) Basin. International Journal of Social Ecology and Sustainable Development, 2(4), 26–43. https://doi.org/10.4018/jsesd.2011100103

23. Marei, A., Mimi, Z., Khayat, S., & Sbaih, M. (2011). Hydrogeological assessments of major springs in Wadi Al Bathan, West Bank, Palestine. International Journal of Environmental Studies, 68(4), 431–445. https://doi.org/10.1080/00207233.2011.582723
24. Sulieman, S., Mimi, Z., & Khayat, S. (2011). Using biological indicators to characterize the natural flow regime in Wadi Zomar Stream, Palestine. Asian Journal of Applied Sciences, 4(7), 685–701. https://doi.org/10.3923/ajaps.2011.685.701
25. Marei, A., Khayat, S., Weise, S., Ghannam, S., Sbaih, M., & Geyer, S. (2010). Estimating groundwater recharge using the chloride mass-balance method in the West Bank, Palestine. Hydrological Sciences Journal, 55(5), 780–792. https://doi.org/10.1080/02626667.2010.491987
26. Khayat, S., Möller, P., Geyer, S., Marei, A., Siebert, C., & Abu Hilo, F. (2009). Hydrochemical variation in the springs water between Jerusalem–Ramallah Mountains and Jericho Fault, Palestine. Environmental Geology, 57(8), 1739–1751. https://doi.org/10.1007/s00254-008-1459-x
27. Geyer, S., Khayat, S., Roediger, T., & Siebert, C. (2008). Anthropogenic influence on groundwater quality in Jericho and adjoining Wadis (Lower Jordan Valley, Palestine).
28. Khayat, S., Hötzl, H., Geyer, S., Ali, W., Knöller, K., & Strauch, G. (2006). Sulphur and oxygen isotopic characters of dissolved sulphate in groundwater from the Pleistocene aquifer in the southern Jordan Valley (Jericho area, Palestine). Isotopes in Environmental and Health Studies, 42(3), 289–302. https://doi.org/10.1080/10256010600839780
29. Khayat, S., Geyer, S., Hötzl, H., & Ali, W. (2006). Identification of nitrate sources in groundwater by δ15Nnitrate and δ18Onitrate isotope: A study of the shallow Pleistocene aquifer in the Jericho area, Palestine. Acta Hydrochimica et Hydrobiologica, 34(1-2), 27–33.
30. Khayat, S. K. (2006). Hydrochemistry and isotope hydrogeology in the Jericho Area, Palestine.
31. Khayat, S., Hötzl, H., Geyer, S., Ali, W., & Strauch, G. (2006). Hydrochemical investigation of water from the Pleistocene wells and springs, Jericho area, Palestine. Hydrogeology Journal, 14(1), 192–202. https://doi.org/10.1007/s10040-004-0399-0

Conference Proceedings:

32. Abu-Khalaf, N., Khayat, S., & French, P. (2015, February). Portable water sensing system. *First Palestinian-Dutch Academic Cooperation (PADUCO) Program on Water Conference*, Birzeit University, Ramallah, Palestine.
33. Geyer, S., Khayat, S., & Marei, A. (2015). Quantifying surface water runoff from Wadi Arogut towards the Dead Sea. EGU General Assembly Conference Abstracts.
34. Abu-Khalaf, N., Khayat, S., & French, P. (2015, February 24–26). Portable water sensing system. First Palestinian-Dutch Academic Cooperation (PADUCO) Program on Water Conference, Birzeit University, Palestine.
35. Ali, W., El-Nasser, H., Flexer, A., Geyer, S., Guttman, Y., Haddad, M., Hoetzl, H., Khayat, S., Kolditz, O., Kuntz, D., Möller, P., Salameh, E., Sauter, M., Sawerieh, A., Tamimi, A. R., Werz, H., Yellen Dror, A., & Zoubi, A. (2005, February). Water resources evaluation of aquifers in the lower Jordan Rift Valley. The First International Conference on Environmental Science and Technology, American Academy of Sciences, New Orleans, Louisiana, USA.

Book Chapters

36. Khayat, S., Marei, A., & Barghouthi, Z. (2019). Mapping the stable isotopes to understand the geo-structural control of groundwater recharge and flow mechanisms (Case study from the Northeastern Basin of the West Bank). In Isotopes Applications in Earth Sciences (pp. 296–314). IntechOpen. https://doi.org/10.5772/intechopen.90449
37. Carayannis, E. G., Carvajal-Escobar, Y., Mimi, Z., Khayat, S., Sulieman, S., Garces, W., & Cespedes, G. (2013). Application of methodologies for environmental flow determination in an Andean and a Mediterranean basin. In Creating a Sustainable Ecology Using Technology-Driven Solutions (pp. 296–314). https://doi.org/10.4018/978-1-4666-3613-2.ch020
38. Khayat, S. K., Geyer, S., & Marei, A. M. (2010). Tracing the inorganic carbon system in the groundwater from the lower Jordan Valley basin (Jericho/Palestine). In Water-Rock Interaction XIII (p. 1008). Taylor and Francis Group. ISBN: 978-0-415-60426-0
39. Chen, C., Khayat, S., Geyer, S., Ali, W., Hötzl, H., & Kolditz, O. (2009). A GIS-based hydrosystem model for the Jericho Plain, Palestine. In H. Hötzl, P. Möller, & E. Rosenthal (Eds.), The Water of the Jordan Valley (pp. 349–360). Springer Berlin Heidelberg. https://doi.org/10.1007/978-3-540-77757-1_17
40. Khayat, S., Ghanem, M., El Rahman Tamimi, A., Haddad, M., Geyer, S., Hötzl, H., Ali, W., & Möller, P. (2009). Hydrochemistry and isotope hydrogeology in the Jericho area, Palestine. In H. Hötzl, P. Möller, & E. Rosenthal (Eds.), The Water of the Jordan Valley (pp. 325–348). Springer Berlin Heidelberg. https://doi.org/10.1007/978-3-540-77757-1_16.

History of Submitted Projects to ERASMUS+

Acronym	Call Name
HIGH-Med	ERASMUS-EDU-2025-PEX-EMJM-MOB
LEARN2	ERASMUS-EDU-2025-CBHE
HEAL	ERASMUS-EDU-2025-CBHE
Y-GREEN	ERASMUS-EDU-2025-CBHE
DAPCP	ERASMUS-EDU-2025-CBHE
APMP-HE	ERASMUS-EDU-2025-CBHE
Eng-Inc	ERASMUS-EDU-2025-CBHE
AI_SkillUP	ERASMUS-EDU-2025-CBHE
CIAL	ERASMUS-EDU-2024-VIRT-EXCH
DEVTSM	ERASMUS-YOUTH-2024-CB
YouLead	ERASMUS-YOUTH-2024-CB
VODA	ERASMUS-EDU-2024-CB-VET
TVETDig	ERASMUS-EDU-2024-CB-VET
CONNECT	ERASMUS-EDU-2024-CB-VET
I-DRIVE	ERASMUS-EDU-2024-CB-VET
VET Tech	ERASMUS-EDU-2024-CB-VET
2D-VET	ERASMUS-EDU-2024-CBHE
LEARN	ERASMUS-EDU-2024-CBHE
METALAB	ERASMUS-EDU-2024-CBHE
Y-GREEN	ERASMUS-EDU-2024-CBHE
SOUTHMED-PROPMAN	ERASMUS-EDU-2024-CBHE
SEEET	ERASMUS-EDU-2024-CBHE
OSCEV-PT	ERASMUS-EDU-2024-CBHE

Acronym	Call Name
GET-SMART	ERASMUS-EDU-2024-CBHE
LAPE	ERASMUS-EDU-2024-CBHE
EXCEED	ERASMUS-EDU-2024-CBHE
CIAL	ERASMUS-EDU-2023-VIRT-EXCH
Med-NbS-Edu	HORIZON-CL6-2023-BIODIV-01
HTYouth	ERASMUS-YOUTH-2023-CB
I-DRIVE	ERASMUS-YOUTH-2023-CB
DEVTSM	ERASMUS-YOUTH-2023-CB
CONNECT	ERASMUS-EDU-2023-CB-VET
Prof-PM	ERASMUS-EDU-2023-CBHE
EDU	ERASMUS-EDU-2023-CBHE
IBT Dimploma	ERASMUS-EDU-2023-CBHE
SMART-IPC	ERASMUS-EDU-2023-CBHE
XR-Centers	ERASMUS-EDU-2023-CBHE
EdTech	ERASMUS-EDU-2023-CBHE
PasPassDS	ERASMUS-EDU-2023-CBHE
2D-VET	ERASMUS-EDU-2023-CBHE
PDEHEV	ERASMUS-EDU-2023-CBHE
EE4HUMANITIES	ERASMUS-EDU-2023-CBHE
InclUPAS	ERASMUS-EDU-2023-CBHE
BE-GREEN	ERASMUS-EDU-2023-CBHE
SUCCEED	ERASMUS-EDU-2023-CBHE
DigiPharm	ERASMUS-EDU-2023-CBHE
GET-SMART	ERASMUS-EDU-2023-CBHE
METALAB	ERASMUS-EDU-2023-CBHE
NEVEREST	ERASMUS-EDU-2023-CBHE
HIGH-Med	ERASMUS-EDU-2023-PEX-EMJM-MOB


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